Data User's Guide

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I. Data Cleaning and Editing

This section describes the data cleaning and editing procedures for principal and lead health education teacher raw data sets.

After the questionnaires are scanned, Profiles data are edited to account for missing data and to enforce logical consistency among variables. The following sections explain the missing value codes assigned to the data, the logic with which they are assigned, and the consistency checks applied to each of the principal and lead health education teacher data sets.

1. Missing Value Codes

The scanned principal and lead health education teacher Profiles files are all edited using the following missing value codes. The codes are named as such based on SAS naming conventions.

.A	Indicates that the question was correctly skipped.		
.B	Indicates that the question should have been skipped but incorrectly contained a		
	response.		
.C	Indicates that the question should have been answered but was incorrectly skipped.		
.D	Indicates that the question contained invalid data such as more than one response, a		
	stray mark, or some other situation that the scanner could not interpret.		
.E	Indicates that it cannot be determined whether a question response should be present		
	or not. This occurs if a previous skip control question is missing for some reason.		
.F	Indicates that the question response is logically inconsistent with another question		
	response. Both responses are set to .F.		

The missing value codes are assigned based on the logic found in the following sections.

2. Data Edits

a. Principal Questions

Principal questions are recoded to one of the missing value types according to the following logic:

Question 4 skips – If question 4 is 'b', question 5 will be recoded to .A if the item was left blank or .B if the item was answered. If question 4 is blank or invalid, question 5 will be recoded to .E.

Question 24 skips – If question 24 is 'b', questions 25 through 27 will be recoded to .A if the item was left blank or .B if the item was answered. If question 24 is blank or invalid, questions 25 through 27 will be recoded to .E.

Question 30 skips – If question 30 is 'b', question 31 will be recoded to .A if the item was left blank or .B if the item was answered. If question 30 is blank or invalid, question 31 will be recoded to .E.

Next, any remaining blanks are recoded to .C, and any invalid responses (2 or more responses per category) are recoded to .D for all of the questions.

b. Lead Health Education Teacher Questions

Lead health education teacher questions are recoded to one of the missing value types according to the following logic:

Question 1 skips – If question 1 is 'a', question 2 will be recoded to .A if the item was left blank or .B if the item was answered. If question 1 is blank or invalid, question 2 will be recoded to .E.

Next, any remaining blanks are recoded to .C, and any invalid responses (2 or more responses per category) are recoded to .D for all of the questions.

3. Logical Consistency Edits

a. Principal Questions

After the missing value codes .A-.E are assigned to the principal scanned data, the following **consistency checks (1-2)** are run, changing both responses that cause an inconsistency to .F:

1	If $Q35a = 1$ or 2 and	0.35h - 3	
1.	11 Q33a = 1 01 2 allu	Q330 – 3	
2	If $Q35b = 1$ or 2 and	0.250 - 2	
۷.	11 Q330 – 1 01 2 and	Q33a – 3	

b. Lead Health Education Teacher Questions

After the missing value codes .A-.E are assigned to the teacher scanned data, the following **consistency checks (1-219)** are run, checking **all** conditions once, and then afterwards changing both responses that cause an inconsistency to .F. Then, missing value code .E is assigned to question 2 if question 1 was edited by question 6 in consistency check #63 (213-219).

1.	If $Q2a = 3$ and $Q2b=3$ and $Q2c=3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	$Q11h_1 = 1 \text{ or } 2$
	or	$Q11i_1 = 1 \text{ or } 2$
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	$Q111_1 = 1 \text{ or } 2$
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q11o_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$
	or	$Q11u_1 = 1 \text{ or } 2$
	or	$Q11v_1 = 1 \text{ or } 2$

2.	If $Q2d = 3$ and $Q2e=3$ and $Q2f=3$	=3 and Q2g=3 and	$Q11a_2 = 1 \text{ or } 2$
	or		Q11b $2 = 1 \text{ or } 2$
	or		$Q11c^{2} = 1 \text{ or } 2$
	or		$Q11d^{-}2 = 1 \text{ or } 2$
	or		$Q11e^{-2} = 1 \text{ or } 2$
	or		Q11f $2 = 1$ or 2
	or		Q11g $2 = 1$ or 2
	or		Q11 $\frac{1}{2}$ = 1 or 2
			$Q11i_2 = 1 \text{ or } 2$ $Q11i_2 = 1 \text{ or } 2$
	or		
	or		$Q11j_2 = 1 \text{ or } 2$
	or		$Q11k_2 = 1 \text{ or } 2$
	or		$Q111_2 = 1 \text{ or } 2$
	or		$Q11m_2 = 1 \text{ or } 2$
	or		$Q11n_2 = 1 \text{ or } 2$
	or		$Q11o_2 = 1 \text{ or } 2$
	or		$Q11p_2 = 1 \text{ or } 2$
	or		Q11q $2 = 1$ or 2
	or		$Q11r^{2} = 1 \text{ or } 2$
	or		$Q11s^{2} = 1 \text{ or } 2$
	or		$Q11t^{-}2 = 1 \text{ or } 2$
	or		0.011 = 1 or 2
	or		$Q11v_2 = 1 \text{ or } 2$
3.	If $Q2a = 3$ and $Q2b=3$ and $Q2c=3$	=3 and	Q12a 1 = 1 or 2
] 3.	or	5 and	$Q12b_1 = 1 \text{ or } 2$
	or		$Q126_{1} = 1 \text{ or } 2$
			Q12d $1 = 1$ or 2
	or		$Q12d_1 = 1 \text{ or } 2$ $Q12e_1 = 1 \text{ or } 2$
	or		$Q12e_1 = 1 \text{ or } 2$ $Q12f_1 = 1 \text{ or } 2$
	or		
4	or 1000 1 1000 1 1000	2 102 2 1	$Q12g_1 = 1 \text{ or } 2$
4.	If $Q2d = 3$ and $Q2e=3$ and $Q2f=3$	=3 and $Q2g=3$ and	$Q12a_2 = 1 \text{ or } 2$
	or		$Q12b_2 = 1 \text{ or } 2$
	or		$Q12c_2 = 1 \text{ or } 2$
	or		$Q12d_2 = 1 \text{ or } 2$
	or		$Q12e_2 = 1 \text{ or } 2$
	or		$Q12f_2 = 1 \text{ or } 2$
	or		$Q12g_2 = 1 \text{ or } 2$
5.	If $Q11a_1 = 3$ and	Q2a = 1 or 2	
	or	Q2b = 1 or 2	
	or	Q2c = 1 or 2	
6.	If $Q11b_1 = 3$ and	Q2a = 1 or 2	
	or	Q2b = 1 or 2	
	or	Q2c = 1 or 2	
7.	If Q11c $1 = 3$ and	Q2a = 1 or 2	
'	or	Q2b = 1 or 2	
		Q2c = 1 or 2	
	or	Q20 - 1 01 2	

8.	If $Q11d_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
9.	If $Q11e_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
10.	If $Q11f_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
11.	If $Q11g_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
12.	If $Q11h_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
13.	If $Q11i_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
14.	If $Q11j_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
15.	If $Q11k_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
16.	If $Q111_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
17.	If $Q11m_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
18.	If $Q11n_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
19.	If $Q11o_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
20.	If $Q11p_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
21.	If $Q11q_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2

22.	If Q11r $1 = 3$ and	Q2a = 1 or 2
	` -	Q2b = 1 or 2
	or	
	or	Q2c = 1 or 2
23.	If $Q11s_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
24.	If $Q11t_1 = 3$ and	Q2a = 1 or 2
24.	_	
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
25.	If $Q11u_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
26.	If Q11v $1 = 3$ and	Q2a = 1 or 2
20.	` =	`
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
27.	If $Q11a_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
28.	$\begin{array}{c} \text{If Q11b } 2 = 3 \text{ and} \end{array}$	Q2d = 1 or 2 $Q2d = 1 or 2$
۷٥.		
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
29.	If Q11c $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
		Q2g = 1 or 2
20	or Is 0.1.1.2	
30.	If $Q11d_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
31.	If Q11e $2 = 3$ and	Q2d = 1 or 2
	` =	
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
32.	If Q11f $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
22	or If O11 = 2 = 2 and	Q2g = 1 or 2
33.	If $Q11g_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
34.	If Q11h $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
		Q2f = 1 or 2
	or	
	or	Q2g = 1 or 2

35.	If Q11i $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
36.	If Q11j $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
37.	If Q11k $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
38.	If Q111 $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
39.	If Q11m $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
40.	If $Q11n_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
41.	If $Q11o_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
42.	If $Q11p_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
43.	If Q11q $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
44.	If Q11r $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
45.	If Q11s $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
		· -

46.	If $Q11t_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
47.	If Q11u $2 = 3$ and	Q2d = 1 or 2
''.	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
48.	$If Q11v_2 = 3 and$	Q2d = 1 or 2 $Q2d = 1 or 2$
40.		Q2e = 1 or 2 $Q2e = 1 or 2$
	or	Q2f = 1 or 2 $Q2f = 1 or 2$
	or	Q2g = 1 or 2 $Q2g = 1 or 2$
49.	or If $Q12a 1 = 3$ and	Q2g - 1 of 2 $Q2a = 1 or 2$
49.		`
	or	Q2b = 1 or 2
50	or 16 0 1 2 1 2 2 2 2 1	Q2c = 1 or 2
50.	If $Q12b_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
5.1	or	Q2c = 1 or 2
51.	If $Q12c_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
52.	If $Q12d_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
53.	If $Q12e_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
54.	If $Q12f_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
55.	If $Q12g_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
56.	If $Q12a_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
57.	If $Q12b_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
58.	If $Q12c_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	$\hat{Q}2g = 1 \text{ or } 2$

59.	If $Q12d_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
60.	If $Q12e_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
61.	If $Q12f_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
62.	If $Q12g_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
63.	If $Q6 = b$ and	Q1 = b
	or	Q1 = c
	or	Q1 = d
	or	Q1 = e
64.	If $Q6 = b$ and	Q2a = 1
	or	Q2b = 1
	or	Q2c = 1
	or	Q2d = 1
	or	Q2e = 1
	or	Q2f = 1
	or	Q2g = 1
65.	If $Q7a = 2$ and	Q10a = 1
	or	Q10b = 1
	or	Q10c = 1
	or	Q10d = 1
	or	Q10e = 1
	or	Q10f = 1
	or	Q10g = 1
	or	Q10h = 1
	or	Q10i = 1

66.	If $Q7k = 2$ and	Q17a = 1
	or	Q17b = 1
	or	Q17c = 1
	or	Q17d = 1
		Q17e = 1
	or	Q17f = 1
	or	
	or	Q17g = 1
	or	Q17h = 1
	or	Q17i = 1
	or	Q17j = 1
67.	If $Q71 = 2$ and	Q15a = 1
	or	Q15b = 1
	or	Q15c = 1
	or	Q15d = 1
	or	Q15e = 1
	or	Q15f = 1
	or	Q15g = 1
	or	Q15h = 1
	or	Q15i = 1
	or	Q15j = 1
	or	Q15k = 1
	or	Q151 = 1
	or	Q15m = 1
	or	Q15n = 1
	or	Q150 = 1
	or	Q15p = 1
	or	Q15q = 1
	or	Q15r = 1
	or	Q15s = 1
	or	Q15t = 1
		Q15u = 1 $Q15u = 1$
	or	Q15v = 1 $Q15v = 1$
	or	Q15V - 1 $Q15W = 1$
60	0f If O7m = 2 and	
68.	If $Q7m = 2$ and	Q16a = 1
	or	Q16b = 1
	or	Q16c = 1
	or	Q16d = 1
	or	Q16e = 1
	or	Q16f = 1
	or	Q16g = 1
	or	Q16h = 1
	or	Q16i = 1
	or	Q16j = 1
	or	Q16k = 1
	or	Q16l = 1
	or	Q16m = 1

69.	If $Q7r = 2$ and	Q8a = 1	
	or	Q8b = 1	
		Q8c = 1	
	or	•	
	or	Q8d = 1	
	or	Q8e = 1	
	or	Q8f = 1	
	or	Q8g = 1	
	or	Q8h = 1	
	or	Q8i = 1	
	or	Q8j = 1	
	or	Q8k = 1	
	or	Q81 = 1	
	or	Q8m = 1	
		-	
	or	Q8n = 1	
	or	Q8o = 1	
	or	Q8p = 1	
	or	Q8q = 1	
	or	Q8r = 1	
		Q8s = 1	
70	or 1607 2 1		
70.	If $Q7s = 2$ and	Q18a = 1	
	or	Q18b = 1	
	or	Q18c = 1	
	or	Q18d = 1	
	or	Q18e = 1	
	or	Q18f = 1	
	or	Q18g = 1	
71.	If Q7g=2 and Q7h=2 and Q7n=	=2 and Q7o=2 and	$Q11a_1 = 1$
	or		Q11b $1 = 1$
	or		$Q11c^{-}1 = 1$
	or		Q11d 1 = 1
			_
	or		$Q11e_1 = 1$
	or		$Q11f_1 = 1$
	or		$Q11g_1 = 1$
	or		$Q11h_1 = 1$
	or		Q11i 1 = 1
	or		$Q11j_1 = 1$
			$Q11J_1 = 1$ $Q11k_1 = 1$
	or		
	or		$Q111_1 = 1$
	or		$Q11m_1 = 1$
	or		Q11n $1 = 1$
	or		$Q11o^{-}1 = 1$
	or		$Q11p_1 = 1$
			$Q11p_1 = 1$ $Q11q_1 = 1$
	or		
	or		$Q11r_1 = 1$
	or		$Q11s_1 = 1$
	or		$Q11t^{-}1 = 1$
	or		$Q11u^{-}1 = 1$
			$Q11u_1$ 1 Q11v 1 = 1
1	or		$Q_{11}V_1 = I$

72.	If Q7g=2 and Q7h=2 and Q7	'n=2 and O7o=2 and	Q11a 2 = 1
,	or		Q11b 2 = 1
	or		Q11c $2 = 1$
	or		$Q11d^{-}2 = 1$
	or		$Q11e^{-2} = 1$
	or		$Q11f_{2} = 1$
	or		$Q11g_{2} = 1$
	or		Q11h 2 = 1
	or		$Q11i_2 = 1$
	or		$Q11j^{-}2 = 1$
	or		Q11k 2 = 1
	or		Q111 2 = 1
	or		$Q11m_2 = 1$
	or		$Q11n_2 = 1$
	or		$Q11o_2 = 1$
	or		$Q11p_2 = 1$
	or		$Q11q_2 = 1$
	or		$Q11r_2 = 1$
	or		$Q11s_2 = 1$
	or		$Q11t_2 = 1$
	or		$Q11u_2 = 1$
	or		$Q11v_2 = 1$
73.	If $Q3a = 1$ or 2 and	Q3b = 3	
	or	Q3c = 3	
	or	Q3d = 3	
	or	Q3e = 3	
74.	If $Q3b = 1$ or 2 and	Q3a = 3	
	or	Q3c = 3	
	or	Q3d = 3	
	or	Q3e = 3	
75.	If $Q3c = 1$ or 2 and	Q3a = 3	
	or	Q3b = 3	
	or	Q3d = 3	
7.6	or	Q3e = 3	
76.	If $Q3d = 1$ or 2 and	Q3a = 3	
	or	Q3b = 3	
	or	Q3c = 3	
77	or Is on a second	Q3e = 3	
77.	If $Q3e = 1$ or 2 and	Q3a = 3	
	or	Q3b = 3	
	or	Q3c = 3	
	or	Q3d = 3	

78.	If $Q4a = 1$ or 2 and	Q4b = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4g = 3
	or	Q4h = 3
79.	If $Q4b = 1$ or 2 and	Q4a = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4g = 3
	or	Q4h = 3
80.	If $Q4c = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4g = 3
	or	Q4h = 3
81.	If $Q4d = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4c = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4g = 3
	or	Q4h = 3
82.	If $Q4e = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4f = 3
	or	Q4g = 3
0.0	or	Q4h = 3
83.	If $Q4f = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4g = 3
	or	Q4h = 3

84.	If $Q4g = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4h = 3
85.	If $Q4h = 1$ or 2 and	Q4a = 3
	or	Q4b = 3
	or	Q4c = 3
	or	Q4d = 3
	or	Q4e = 3
	or	Q4f = 3
	or	Q4g = 3
86.	If $Q5a = 1$ or 2 and	Q5b = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
87.	If $Q5b = 1$ or 2 and	Q5a = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
88.	If $Q5c = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
89.	If $Q5d = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
	or	Q5e = 3
	or	Q5f = 3
90.	If $Q5e = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5f = 3
91.	If $Q5f = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5e = 3

92.	If Q11a $1 = 1$ or 2 and	Q11b 1 = 3
) 2.	or	Q11c 1 = 3
	or	Q11d_1 = 3
	or	Q11e 1 = 3
	or	Q11f 1 = 3
	or	$Q11g_1 = 3$
	or	Q11h 1 = 3
	or	Q11i 1 = 3
	or	Q11j = 3
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q110 1 = 3
	or	$Q110_{-1} = 3$ $Q11p_{-1} = 3$
	or	$Q11p_1 = 3$ $Q11q_1 = 3$
	or	Q11r 1 = 3
	or	Q11s 1 = 3
	or	$Q11s_1 = 3$ $Q11t_1 = 3$
		$Q11u_1 = 3$ $Q11u_1 = 3$
	or	$Q11v_1 = 3$ $Q11v_1 = 3$
93.	or If Q11b $1 = 1$ or 2 and	Q11a 1 = 3
)3.	_	
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	Q11f_1 = 3
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	Q11i_1 = 3
	or	Q11j_1 = 3 Q11lr_1 = 2
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$ $Q11n_1 = 3$
	or	
	or	$Q110_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	0.115 = 3
	or	Q11t_1 = 3
	or	$Q11u_{-1} = 3$
	or	$Q11v_1 = 3$

94.	If $Q11c_1 = 1$ or 2 and	Q11a_1 = 3
	or	$Q11b_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
95.	If $Q11d_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_{1} = 3$
	or	$Q11u_1 = 3$
	or	$Q11v^{-}1 = 3$

96.	If $Q11e_1 = 1$ or 2 and	Q11a_1 = 3
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
97.	If $Q11f_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_{1} = 3$
	or	$Q11e_{1} = 3$
	or	$Q11g_{1} = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t^{-}1 = 3$
	or	$Q11u_{1} = 3$
	or	$Q11v^{-}1 = 3$

0.0	T0011 1 1 0 1	0.11 1 2
98.	If $Q11g_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_{1} = 3$
	or	$Q11h_{1} = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
99.	If $Q11h_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	Q11i = 3
	or	$Q11j^{-}1 = 3$
	or	Q11k 1 = 3
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_{1} = 3$
	or	$Q110_{1} = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	Q11r $1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t^{-}1 = 3$
	or	$Q11u_1 = 3$

100.	If Q11i 1 = 1 or 2 and	Q11a_1 = 3
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d^{-}1 = 3$
	or	$011e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$0.011g^{-1} = 3$
	or	$Q11h_{1} = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
101.	If $Q11j_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_{1} = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
1	0.4	Q11u 1 = 3
	or or	$Q11v_1 = 3$ $Q11v_1 = 3$

102.	If Q11k $1 = 1$ or 2 and	Q11a 1 = 3
	or	$Q11b^{-}1 = 3$
	or	$Q11c_{1} = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_{1} = 3$
	or	$Q11g_1 = 3$
	or	Q11h 1 = 3
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
103.	If $Q111_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_{1} = 3$
1		$Q11t_{1} = 3$
	or	$Q_{11}^{11} = 3$
	or	Q11u_1 = 3 Q11v_1 = 3

104.	If $Q11m_1 = 1$ or 2 and	Q11a 1 = 3
10	or	Q11b 1 = 3
	or	Q11c 1 = 3
	or	Q11d 1 = 3
	or	Q11e_1 = 3
	or	Q11f_1 = 3
	or	Q11g 1 = 3
	or	Q11h 1 = 3
	or	Q11i 1 = 3
	or	$Q11j^{-}1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111^{-}1 = 3$
	or	0.011 = 3
	or	Q11o 1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_{1} = 3$
	or	Q11v_1 = 3
105.	If $Q11n_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b 1 = 3
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_{1} = 3$
	or	$Q11t_{1} = 3$
	or	$Q11u_{1} = 3$
	or	Q11v_1 = 3

106	ICO11 - 1 - 1 1	011. 1 2
106.	If $Q11o_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_{1} = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11p_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$
107.	If $Q11p_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	Q11i 1 = 3
	or	$Q11j^{-}1 = 3$
	or	$Q11k_{1} = 3$
	or	$Q111_{1}^{-1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_{1} = 3$
	or	$Q110_{1} = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_1 = 3$
	or	$Q11t^{-}1 = 3$
	or	$Q11u_{1} = 3$
	or	$Q11v_{1} = 3$

108.	If Q11q_1 = 1 or 2 and	Q11a 1 = 3
100.		$Q11a_1 - 3$ $Q11b_1 = 3$
	or	
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t^{-}1 = 3$
	or	Q11u 1 = 3
	or	$Q11v^{-}1 = 3$
109.	If $Q11r_1 = 1$ or 2 and	Q11a_1 = 3
	or	Q11b $1 = 3$
	or	Q11c 1 = 3
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	Q11f 1 = 3
	or	$Q11g_1 = 3$
	or	Q11h 1 = 3
	or	Q11i 1 = 3
	or	Q11j 1 = 3
	or	$Q11k_1 = 3$
	or	Q111 1 = 3
	or	Q11m 1 = 3
	or	Q11m_1 = 3
	or	Q11n_1 = 3 Q11o_1 = 3
	or	$Q110_{-1} = 3$ $Q11p_{-1} = 3$
	or	$Q11p_1 = 3$ $Q11q_1 = 3$
		Q11g_1 = 3 Q11s_1 = 3
	or	Q11s_1 = 3 Q11t_1 = 3
	or	$Q11L_1 = 3$ $Q11u_1 = 3$
	or	
1	or	$Q11v_1 = 3$

110.	If Q11s $1 = 1$ or 2 and	Q11a 1 = 3
110.		Q11a_1 = 3 Q11b_1 = 3
	or	
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_{1} = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11t^{-}1 = 3$
	or	$Q11u^{-}1 = 3$
	or	$Q11v^{-}1 = 3$
111.	If $Q11t_1 = 1$ or 2 and	Q11a_1 = 3
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	Q11f 1 = 3
	or	$Q11g_1 = 3$
	or	Q11h 1 = 3
	or	Q11i 1 = 3
	or	Q11j 1 = 3
	or	$Q11k_1 = 3$
	or	Q111 1 = 3
	or	$Q11m_1 = 3$
	or	Q11n 1 = 3
	or	Q110_1 = 3 Q110_1 = 3
	or	$Q110_{-1}$ 3 $Q11p_{-1} = 3$
	or	$Q11p_1 = 3$ $Q11q_1 = 3$
		Q11r_1 = 3 Q11r_1 = 3
	or	Q111_1 = 3 Q11s_1 = 3
	or	
	or	$Q11u_1 = 3$
	or	$Q11v_1 = 3$

112.	If Q11u $1 = 1$ or 2 and	Q11a 1 = 3
112.	0r	Q11b 1 = 3
		Q11c 1 = 3
	or	Q11d 1 = 3
	or	Q11a_1 = 3 Q11e_1 = 3
	or	Q11f_1 = 3
	or	
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	Q11i_1 = 3
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q110_{-1} = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_{1} = 3$
	or	$Q11v_1 = 3$
113.	If $Q11v_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	Q11b $1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_{1} = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$0.011g_{1}^{-}1 = 3$
	or	Q11h = 3
	or	$Q11i^{-}1 = 3$
	or	$Q11j^{-}1 = 3$
	or	$Q11k_1 = 3$
	or	Q111 1 = 3
	or	Q11m 1 = 3
	or	Q11n 1 = 3
	or	$Q110_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	Q11r_1 = 3
	or	Q11s_1 = 3
	or	Q11t_1 = 3
	or	Q11u 1 = 3
1	V1	X110_1 J

114.	If Q11a $2 = 1$ or 2 and	Q11b 2 = 3
1111	or	Q11c 2 = 3
	or	$Q11d_2 = 3$
	or	Q11e 2 = 3
	or	Q11f 2 = 3
	or	Q11g 2 = 3
	or	Q11h 2 = 3
	or	Q11i 2 = 3
	or	Q11j 2 = 3
	or	Q11k 2 = 3
	or	$Q111_{2} = 3$
	or	$Q11m_2 = 3$
	or	$\overline{Q11n}$ $\overline{2}$ = 3
	or	$0110^{-}2 = 3$
	or	$Q11p^{-}2 = 3$
	or	$Q11q^{2} = 3$
	or	$Q11r^{2} = 3$
	or	$Q11s^{2} = 3$
	or	$Q11t^{2} = 3$
	or	$Q11u_{2} = 3$
	or	$Q11v_2 = 3$
115.	If $Q11b_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	Q11c $2 = 3$
	or	$Q11d_{2} = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_{2} = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	Q11s 2 = 3
	or	$Q11t_2 = 3$
	or	$Q11u_{2}^{2} = 3$
	or	Q11v $2 = 3$

or			
or Q11d_2 = 3 or Q11e_2 = 3 or Q1e_2 = 3	116.	If $Q11c_2 = 1$ or 2 and	$Q11a_2 = 3$
or Q11e_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3 or Q1lh_2 = 3		or	
or Q11f_2 = 3 or Q11g_2 = 3 or Q11h_2 = 3 or Q1h_1 = 3 or Q1h_2 = 3		or	$Q11d_2 = 3$
or		or	$Q11e_2 = 3$
or Q11h_2 = 3 or Q1li_2 = 3 or Q1li_2 = 3 or Q1lk_2 = 3		or	$Q11f^{2} = 3$
or Q11i_2 = 3 or Q11j_2 = 3 or Q11l_2 = 3		or	$Q11g^{2} = 3$
or Q11j_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3 or Q11l_2 = 3 or Q1ll_2 = 3		or	Q11h $2 = 3$
or Q11j_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3 or Q11l_2 = 3 or Q1ll_2 = 3		or	$Q11i^{2} = 3$
or		or	$Q11j^{2} = 3$
or		or	
or		or	$Q111^{2} = 3$
or Q11n_2 = 3 or Q11o_2 = 3 or Q11p_2 = 3 or Q11q_2 = 3 or Q11r_2 = 3 or Q1r_2 = 3		or	$Q11m^{-}2 = 3$
or		or	$Q11n^{-}2 = 3$
or Q11q_2 = 3 or Q11r_2 = 3 or Q11s_2 = 3 or Q11t_2 = 3 117. If Q11d_2 = 1 or 2 and Q11a_2 = 3 or Q11b_2 = 3 or Q11c_2 = 3 or Q11c_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3		or	
or Q11q_2 = 3 or Q11r_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11u_2 = 3 or Q11v_2 = 3 117. If Q11d_2 = 1 or 2 and Q11a_2 = 3 or Q11c_2 = 3 or Q11c_2 = 3 or Q11c_2 = 3 or Q11s_2 = 3 or Q1s_2 = 3			
or			
or		or	$Q11r^2 = 3$
or		or	$Q11s^{2} = 3$
or		or	
or Q11v_2 = 3 117. If Q11d_2 = 1 or 2 and Q11a_2 = 3 or Q11b_2 = 3 or Q11c_2 = 3 or Q11c_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3 or Q11i_2 = 3 or Q11l_2 = 3 or Q1l_2 = 3 or Q11l_2 = 3		or	$Q11u^{-}2 = 3$
or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11e_2 = 3$ or $Q11g_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$		or	
or $Q11c_2 = 3$ or $Q11e_2 = 3$ or $Q11f_2 = 3$ or $Q11f_2 = 3$ or $Q11h_2 = 3$	117.	If $Q11d_2 = 1$ or 2 and	$Q11a_2 = 3$
or $Q11c_2 = 3$ or $Q11e_2 = 3$ or $Q11f_2 = 3$ or $Q11f_2 = 3$ or $Q11h_2 = 3$		or	O11b $2 = 3$
or $Q11e_2 = 3$ or $Q11f_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$			
or $Q11f2 = 3$ or $Q11g2 = 3$ or $Q11h2 = 3$ or $Q11i2 = 3$ or $Q11i2 = 3$ or $Q11k2 = 3$ or $Q11m2 = 3$ or $Q11n2 = 3$ or $Q11p2 = 3$ or $Q11p2 = 3$ or $Q11q2 = 3$ or $Q11q2 = 3$ or $Q11q2 = 3$			
or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$			$011f^{2} = 3$
or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11n_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			$011g^{-}2 = 3$
or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			
or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q110_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			$011i^{2} = 3$
or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			
or $Q111_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q110_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			
or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$			` -
or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11r_2 = 3$			
or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11r_2 = 3$			
or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11r_2 = 3$			` _
or $Q11q_2 = 3$ or $Q11r_2 = 3$			
or $Q11r^2 = 3$			Q11q $2 = 3$
011 - 2 2			$Q11r^{2} = 3$
or Q11s $2=3$		or	$0.011s_{2} = 3$
or $Q11t^2 = 3$			$Q11t^{2} = 3$
or $Q11u_2 = 3$			$Q11u^{2} = 3$
or $O(1)\sqrt{2} = 3$		or	$0.011 \text{ v}^{-} 2 = 3$

or Q11b_2 = 3 or Q11c_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3			
or Q11c_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3	118.	If $Q11e_2 = 1$ or 2 and	$Q11a_2 = 3$
or		or	$Q11b_2 = 3$
or		or	
or Q11g_2 = 3 or Q11h_2 = 3 or Q11i_2 = 3 or Q11i_2 = 3 or Q11i_2 = 3 or Q11k_2 = 3 or Q11k_2 = 3 or Q11m_2 = 3 or Q11m_2 = 3 or Q11m_2 = 3 or Q11p_2 = 3 or Q11p_2 = 3 or Q11r_2 = 3		or	$Q11d^{-}2 = 3$
or Q11h_2 = 3 or Q11i_2 = 3 or Q11j_2 = 3 or Q11k_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3		or	$Q11f^{2} = 3$
or Q11h_2 = 3 or Q11i_2 = 3 or Q11j_2 = 3 or Q11k_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3		or	$Q11g^{-}2 = 3$
or Q11j_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3 or Q11m_2 = 3 or Q11m_2 = 3 or Q11m_2 = 3 or Q11m_2 = 3 or Q11p_2 = 3		or	Q11h $2 = 3$
or Q11j_2 = 3 or Q11k_2 = 3 or Q11l_2 = 3		or	Q11i 2 = 3
or Q111_2 = 3 or Q11m_2 = 3 or Q11n_2 = 3 or Q11n_2 = 3 or Q11o_2 = 3		or	$Q11j^{2} = 3$
or Q11m_2 = 3 or Q11n_2 = 3 or Q11o_2 = 3 or Q11p_2 = 3 or Q11p_2 = 3 or Q11q_2 = 3 or Q11r_2 = 3		or	
or Q11m_2 = 3 or Q11n_2 = 3 or Q11o_2 = 3 or Q11p_2 = 3 or Q11p_2 = 3 or Q11q_2 = 3 or Q11r_2 = 3		or	$Q111\ 2 = 3$
or Q11n_2 = 3 or Q11o_2 = 3 or Q11p_2 = 3 or Q11p_2 = 3 or Q11r_2 = 3		or	Q11m $2 = 3$
or $Q110_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11r_2 = 3$ or $Q11s_2 = 3$		or	$Q11n^{-2} = 3$
or Q11q_2 = 3 or Q11r_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11u_2 = 3 or Q11v_2 = 3 119. If Q11f_2 = 1 or 2 and Q11a_2 = 3 or Q11b_2 = 3 or Q11d_2 = 3 or Q11g_2 = 3 or Q11g_2 = 3 or Q11s_2 = 3		or	
or Q11q_2 = 3 or Q11r_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11u_2 = 3 or Q11v_2 = 3 119. If Q11f_2 = 1 or 2 and Q11a_2 = 3 or Q11b_2 = 3 or Q11d_2 = 3 or Q11g_2 = 3 or Q11g_2 = 3 or Q11s_2 = 3		or	$Q11p_{2} = 3$
or $Q11s_2 = 3$ or $Q11t_2 = 3$ or $Q11v_2 = 3$ or $Q11v_2 = 3$ 119. If $Q11f_2 = 1$ or 2 and $Q11a_2 = 3$ or $Q11b_2 = 3$ or $Q11d_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$		or	
or $Q11t_2 = 3$ or $Q11u_2 = 3$ or $Q11v_2 = 3$ 119. If $Q11f_2 = 1$ or 2 and $Q11a_2 = 3$ or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11h_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$		or	
or $Q11t_2 = 3$ or $Q11u_2 = 3$ or $Q11v_2 = 3$ 119. If $Q11f_2 = 1$ or 2 and $Q11a_2 = 3$ or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11b_2 = 3$		or	$Q11s^{2} = 3$
or $Q11u_2 = 3$ or $Q11v_2 = 3$ 119. If $Q11f_2 = 1$ or 2 and $Q11a_2 = 3$ or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11e_2 = 3$ or $Q11h_2 = 3$		or	
or $Q11v_2 = 3$ 119. If $Q11f_2 = 1$ or 2 and $Q11a_2 = 3$ or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$		or	$Q11u^{2} = 3$
or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$		or	
or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$	119.	If $Q11f_2 = 1$ or 2 and	$Q11a_2 = 3$
or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$		or	O11b $2 = 3$
or $Q11d_{-}2 = 3$ or $Q11e_{-}2 = 3$ or $Q11g_{-}2 = 3$ or $Q11h_{-}2 = 3$ or $Q11i_{-}2 = 3$ or $Q11j_{-}2 = 3$ or $Q11k_{-}2 = 3$			
or $Q11e_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$			
or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$			
or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$			
or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$			
or $Q11j_2 = 3$ or $Q11k_2 = 3$			$011i^{2} = 3$
or $Q11k_2 = 3$			
` =			
$\bigvee_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j$		or	$Q111^{-}2 = 3$
or $Q11\overline{m} 2 = 3$			
or $\overline{Q11n \ 2} = 3$			
or $Q110^{-}2 = 3$			` _
or $Q11p_{2} = 3$			
or $Q11q 2 = 3$			Q11q $2 = 3$
or $Q11r_{2} = 3$			$Q11r^{2} = 3$
or $Q11s_2 = 3$			$Q11s^{2} = 3$
or $Q11t^2 = 3$			$Q11t^{2} = 3$
or $Q11u_{2} = 3$			$Q11u^{-}2 = 3$
or $Q11v_2 = 3$			$Q11v_{2} = 3$

120	70.011 0 1	
120.	If $Q11g_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	Q11c $2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e_{2} = 3$
	or	$Q11f_{2} = 3$
	or	$Q11h^{-}2 = 3$
	or	$\overline{Q11i} = 3$
	or	$Q11j^{-}2 = 3$
	or	Q11k 2 = 3
	or	$Q111_{2} = 3$
	or	$\overline{Q11m}_2 = 3$
	or	$0.011 \text{m} \cdot \text{m}^{-2} = 3$
	or	$0110^{2} = 3$
	or	$Q11p^{-}2 = 3$
	or	$Q11q^{2} = 3$
	or	$Q11r^{2} = 3$
	or	$Q11s^{2} = 3$
	or	Q11t 2 = 3
	or	Q11u 2 = 3
	or	$Q11v^2 = 3$
121.	If Q11h $2 = 1$ or 2 and	$Q11a \ 2 = 3$
	or	$Q11b \ 2 = 3$
	or	Q11c 2 = 3
	or	$Q11d_2 = 3$
	or	Q11e 2 = 3
		Q11c_2 = 3 Q11f_2 = 3
	or	$Q111_2 = 3$ Q11g = 3
	or	$Q11g_2 = 3$ $Q11i_2 = 3$
	or	$Q111_2 = 3$ $Q11j_2 = 3$
	or	$Q11J_2 = 3$ $Q11k_2 = 3$
	or	` _
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q110_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_{2} = 3$
	or	$Q11u_{2}^{2} = 3$
	or	$Q11v_2 = 3$

122.	If $Q11i_2 = 1$ or 2 and	Q11a 2 = 3
122.	_	$Q11a_2 = 3$ $Q11b_3 = 3$
	or	$Q110_2 = 3$ $Q110_2 = 3$
	or	
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_{2} = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	Q11t $2 = 3$
	or	$Q11u^{2} = 3$
	or	$Q11v^{2} = 3$
123.	If $Q11j_2 = 1$ or 2 and	Q11a_2 = 3
	or	Q11b $2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11f^2 = 3$
	or	$Q11g_2 = 3$
	or	Q11h 2 = 3
	or	Q11i 2 = 3
	or	Q11k 2 = 3
	or	Q111 2 = 3
	or	$Q111_2 = 3$ $Q11m_2 = 3$
	or	$Q11m_2 = 3$ $Q11n_3 = 3$
		$Q110^{\circ} = 3$ $Q110^{\circ} = 3$
	or	$Q110_2 = 3$ $Q11p_2 = 3$
	or	$Q11p_2 = 3$ $Q11q_2 = 3$
	or	$Q11q_2 = 3$ $Q11r_2 = 3$
	or	$Q11r_2 = 3$ $Q11s_2 = 3$
	or	$\begin{array}{c} V_{118} \angle - 3 \\ O_{114} \ 2 - 3 \end{array}$
	or	$Q11t_{-2} = 3$
	or	$Q11u_2 = 3$
1	or	$Q11v_2 = 3$

124.	If $Q11k_2 = 1$ or 2 and	Q11a 2 = 3
124.		$Q11a_2 = 3$ $Q11b_2 = 3$
	or	
	or	$Q11c_2 = 3$
	or	$Q11d_{2} = 3$
	or	$Q11e_{2} = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r^2 = 3$
	or	$Q11s^{2} = 3$
	or	$Q11t^{2} = 3$
	or	$Q11u^{-}2 = 3$
	or	$\overline{Q11v}^2 = 3$
125.	If Q111 $2 = 1$ or 2 and	Q11a 2 = 3
	or	Q11b $2 = 3$
	or	$Q11c_2 = 3$
	or	Q11d 2 = 3
	or	Q11e $2 = 3$
	or	Q11f 2 = 3
	or	Q11g 2 = 3
	or	Q11h 2 = 3
	or	Q11i 2 = 3
	or	$Q11_{j}^{2} = 3$
	or	$Q11J_2 = 3$ $Q11k_2 = 3$
	or	$Q11k_2 = 3$ $Q13m_2 = 3$
	or	$Q13m_2 = 3$ $Q13n_3 = 3$
		$Q15n_2 = 3$ Q110 2 = 3
	or	$Q110_2 = 3$ $Q11p_2 = 3$
	or	$Q11p_2 = 3$ $Q11q_2 = 3$
	or	$Q11q_2 = 3$ $Q11r_2 = 3$
	or	$Q11r_2 = 3$ $Q11s_2 = 3$
	or	$Q118_2 = 3$ $Q11t_2 = 3$
	or	$Q111_2 = 3$ $Q111_1 = 2 = 2$
	or	$Q11u_2 = 3$
	or	$Q11v_2 = 3$

126.	If Q11m $2 = 1$ or 2 and	Q11a 2 = 3
120.	· —	$Q11a_2 = 3$ $Q11b_2 = 3$
	or	
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_{2} = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q110^{-}2 = 3$
	or	$Q11p^{2} = 3$
	or	$Q11q^{2} = 3$
	or	$Q11r^{2} = 3$
	or	$0.011 \text{ s}^{-2} = 3$
	or	$Q11t^{2} = 3$
	or	$Q11u^{2} = 3$
	or	$0.01 \times 10^{-2} = 3$
127.	If Q11n $2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11b \ 2 = 3$
	or	Q11c 2 = 3
	or	$Q11d_2 = 3$
	or	Q11e 2 = 3
		Q11f 2 = 3
	or	$Q11g_2 = 3$ $Q11g_3 = 3$
	or	
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q110_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
	or	$Q11u_{2} = 3$
	or	$Q11v_2 = 3$

120	10011 2 1 2 1	011 2 3
128.	If $Q11o_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_{2} = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g^{-}2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n^{-}2 = 3$
	or	$Q11p^{2} = 3$
	or	$Q11q^2 = 3$
	or	$Q11r^{2} = 3$
	or	$Q11s^{2} = 3$
	or	$Q11t^{-}2 = 3$
	or	$Q11u^{-}2 = 3$
	or	$0.011 \text{ v}^{-} 2 = 3$
129.	If $Q11p_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	Q11b $2 = 3$
	or	$\overline{Q11c} = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-2} = 3$
	or	$Q11f^{2} = 3$
	or	Q11g 2 = 3
	or	Q11h 2 = 3
	or	Q11i 2 = 3
	or	$Q11j^2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_{2} = 3$
	or	$Q11m^2 = 3$
	or	Q11n 2 = 3
	or	$Q110_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	Q11t 2 = 3
	or	$Q11u_2 = 3$
	or	Q11v 2 = 3
1	~.	<u> </u>

or Q11b_2 = 3 or Q11c_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q1f_2 = 3			
or	130.	If $Q11q_2 = 1$ or 2 and	Q11a_2 = 3
or Q11d_2 = 3 or Q11e_2 = 3 or Q11e_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3 or Q11e_2 = 3 or Q11e_2 = 3 or Q11e_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q1h_2 = 3		or	
or Q11e_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3		or	
or Q11f_2 = 3 or Q11g_2 = 3 or Q11h_2 = 3		or	$Q11d_2 = 3$
or Q11f_2 = 3 or Q11g_2 = 3 or Q11h_2 = 3		or	Q11e $2 = 3$
or Q11g_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q11i_2 = 3 or Q1i_2 = 3		or	$Q11f^{2} = 3$
or Q11i_2 = 3 or Q11j_2 = 3 or Q11l_2 = 3		or	
or		or	$Q11h^{2} = 3$
or		or	$Q11i^{2} = 3$
or		or	$Q11j^{2} = 3$
or		or	$Q11k^{2} = 3$
or		or	$Q111^{2} = 3$
or Q11n_2 = 3 or Q11o_2 = 3 or Q11p_2 = 3 or Q11r_2 = 3		or	
or Q11p_2 = 3 or Q11r_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11s_2 = 3 or Q11u_2 = 3		or	
or Q11r_2 = 3 or Q11s_2 = 3 or Q11t_2 = 3 or Q11u_2 = 3 or Q11v_2 = 3 131. If Q11r_2 = 1 or 2 and Q11a_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q11i_2 = 3 or Q11i_2 = 3 or Q11i_2 = 3 or Q11i_2 = 3 or Q11l_2 = 3		or	$Q110^{-}2 = 3$
or Q11s_2 = 3 or Q11t_2 = 3 or Q11u_2 = 3 or Q11v 2 = 3 131. If Q11r_2 = 1 or 2 and Q11a_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3		or	$Q11p^{-}2 = 3$
or		or	
or		or	$Q11s^{2} = 3$
or Q11u_2 = 3 or Q11v_2 = 3 131. If Q11r_2 = 1 or 2 and Q11a_2 = 3 or Q11b_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11d_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11f_2 = 3 or Q11h_2 = 3 or Q11h_2 = 3 or Q11i_2 = 3		or	
or Q11v 2 = 3 131. If Q11r 2 = 1 or 2 and Q11a 2 = 3 or Q11b 2 = 3 or Q11c 2 = 3 or Q11d 2 = 3 or Q11d 2 = 3 or Q11e 2 = 3 or Q11e 2 = 3 or Q11g 2 = 3 or Q11g 2 = 3 or Q11h 2 = 3 or Q11h 2 = 3 or Q11i 2 = 3 or Q11l 2 = 3 or Q11n 2 = 3 or Q11n 2 = 3 or Q11o 2 = 3 or Q11e 2 = 3			
or $Q11b_2 = 3$ or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$		or	$Q11v^{2} = 3$
or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$	131.	If $Q11r_2 = 1$ or 2 and	$Q11a_2 = 3$
or $Q11c_2 = 3$ or $Q11d_2 = 3$ or $Q11e_2 = 3$		or	O11b $2 = 3$
or $Q11d2 = 3$ or $Q11e2 = 3$ or $Q11f2 = 3$ or $Q11g2 = 3$ or $Q11h2 = 3$ or $Q11i2 = 3$ or $Q11i2 = 3$ or $Q11k2 = 3$ or $Q11m2 = 3$ or $Q11m2 = 3$ or $Q11p2 = 3$ or $Q11p2 = 3$ or $Q11q2 = 3$ or $Q11q2 = 3$ or $Q11q2 = 3$ or $Q11g2 = 3$			
or $Q11e_2 = 3$ or $Q11f_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$			
or $Q11f_2 = 3$ or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$ or $Q11k_2 = 3$ or $Q11m_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11p_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q11g_2 = 3$ or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11i_2 = 3$ or $Q11k_2 = 3$ or $Q11k_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11n_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q11h_2 = 3$ or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11n_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q11i_2 = 3$ or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q11j_2 = 3$ or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			` -
or $Q11k_2 = 3$ or $Q11l_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q111_2 = 3$ or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q11m_2 = 3$ or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			$0.111^{-}2 = 3$
or $Q11n_2 = 3$ or $Q11o_2 = 3$ or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			
or $Q110_{-}2 = 3$ or $Q11p_{-}2 = 3$ or $Q11q_{-}2 = 3$ or $Q11s_{-}2 = 3$			
or $Q11p_2 = 3$ or $Q11q_2 = 3$ or $Q11s_2 = 3$			$Q110^{-}2 = 3$
or $Q11q_2 = 3$ or $Q11s_2 = 3$			$Q11p^{2} = 3$
or $Q11s_2 = 3$			$Q11q^{2} = 3$
≥= <u>.</u>			$Q11s^{2} = 3$
or $Q11t 2=3$			Q11t $2 = 3$
or $Q11u_{2} = 3$			$Q11u^{2} = 3$
or $Q11v_2 = 3$			$Q11v^{2} = 3$

132.	If Q11s $2 = 1$ or 2 and	Q11a 2 = 3
132.	` -	
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_{2} = 3$
	or	$Q11e_{2} = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_{2} = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11t_{2} = 3$
	or	$Q11u_{2} = 3$
	or	$Q11v_2 = 3$
133.	If $Q11t_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	Q11b $2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-2} = 3$
	or	$0.011 \cdot 10^{-2} = 3$
	or	$0.011g^{-}2 = 3$
	or	$0.011 \text{ h}^{-2} = 3$
	or	$\overline{Q11i}$ $\overline{2} = 3$
	or	$0.011^{-2} = 3$
	or	$Q11k_2 = 3$
	or	$Q111_{2} = 3$
	or	$Q11m^{-}2 = 3$
	or	Q11n 2 = 3
	or	$Q110_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11u_2 = 3$
	or	Q11v 2 = 3
	V.1	×111,_2 3

	70.011 0 1 0 1	
134.	If $Q11u_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_{2} = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_{2} = 3$
	or	$Q11t_2 = 3$
	or	$Q11v_2 = 3$
135.	If $Q11v_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	Q11b $2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d^{-}2 = 3$
	or	Q11e $2 = 3$
	or	$Q11f^{2} = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	Q11s $2 = 3$
	or	$Q11t_{2} = 3$
	or	$Q11u_2 = 3$

136.	If Q12a $1 = 1$ or 2 and	$Q12b_1 = 3$
	or	$Q12c^{-}1 = 3$
	or	$Q12d^{-}1 = 3$
	or	$Q12e^{-1} = 3$
	or	$Q12f^{-}1 = 3$
	or	$Q12g^{-}1 = 3$
137.	If $Q12b_1 = 1$ or 2 and	Q12a_1 = 3
	or	$Q12c_1 = 3$
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	$Q12f_1 = 3$
	or	$Q12g_1 = 3$
138.	If $Q12c_1 = 1$ or 2 and	$Q12a_1 = 3$
	or	$Q12b_{1} = 3$
	or	$Q12d^{-}1 = 3$
	or	$Q12e^{-1} = 3$
	or	$Q12f^{-}1 = 3$
	or	$Q12g^{-}1 = 3$
139.	If $Q12d_1 = 1$ or 2 and	Q12a $1 = 3$
	or	$Q12b^{-}1 = 3$
	or	$Q12c_1 = 3$
	or	$Q12e_1 = 3$
	or	$Q12f^{-}1 = 3$
	or	$Q12g_1 = 3$
140.	If $Q12e_1 = 1$ or 2 and	$Q12a_1 = 3$
	or	$Q12b_1 = 3$
	or	$Q12c_1 = 3$
	or	$Q12d_1 = 3$
	or	$Q12f_1 = 3$
	or	$Q12g_1 = 3$
141.	If $Q12f_1 = 1$ or 2 and	$Q12a_1 = 3$
	or	$Q12b_1 = 3$
	or	$Q12c_1 = 3$
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	$Q12g_1 = 3$
142.	If $Q12g_1 = 1$ or 2 and	$Q12a_1 = 3$
	or	$Q12b_1 = 3$
	or	$Q12c_1 = 3$
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	$Q12f_1 = 3$

143.	If $Q12a_2 = 1$ or 2 and	$Q12b_2 = 3$
	or	$Q12c^{-}2 = 3$
	or	$Q12d^{-}2 = 3$
	or	$Q12e^{-2} = 3$
	or	$Q12f^{-}2 = 3$
	or	$0.12g^{-}2 = 3$
144.	If $Q12b_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12c_2 = 3$
	or	$Q12d_2 = 3$
	or	$Q12e_{2} = 3$
	or	$Q12f_2 = 3$
	or	$Q12g_{2} = 3$
145.	If $Q12c_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_{2} = 3$
	or	$Q12d^{2} = 3$
	or	$Q12e^{-}2 = 3$
	or	$Q12f_2 = 3$
	or	$Q12g^{-}2 = 3$
146.	If Q12d $2 = 1$ or 2 and	Q12a $2 = 3$
	or	$Q12b^{2} = 3$
	or	$Q12c_{2} = 3$
	or	$Q12e^{-}2 = 3$
	or	$Q12f^{2} = 3$
	or	$Q12g_{2} = 3$
147.	If $Q12e_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_2 = 3$
	or	$Q12c_2 = 3$
	or	$Q12d_2 = 3$
	or	$Q12f_2 = 3$
	or	$Q12g_2 = 3$
148.	If $Q12f_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_2 = 3$
	or	$Q12c_2 = 3$
	or	$Q12d_2 = 3$
	or	$Q12e_2 = 3$
	or	$Q12g_2 = 3$
149.	If $Q12g_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_{2} = 3$
	or	$Q12c_2 = 3$
	or	$Q12d_2 = 3$
	or	$Q12e_{2} = 3$
	or	$Q12f_2 = 3$

150.	If Q11a $1 = 3$ and	Q12a 1 = 1 or 2
130.	or	Q12b 1 = 1 or 2
	or	Q12c 1 = 1 or 2
	or	Q12d 1 = 1 or 2
	or	Q12e ₁ = 1 or 2
	or	Q12f 1 = 1 or 2
	or	$Q12g_1 = 1 \text{ or } 2$
151.	If Q11b $1 = 3$ and	Q12a 1 = 1 or 2
	or	Q12b 1 = 1 or 2
	or	Q12c 1 = 1 or 2
	or	Q12d 1 = 1 or 2
	or	Q12e 1 = 1 or 2
	or	Q12f 1 = 1 or 2
	or	$Q12g^{-}1 = 1 \text{ or } 2$
152.	If Q11c $1 = 3$ and	Q12a 1 = 1 or 2
	or	Q12b 1 = 1 or 2
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
153.	If $Q11d_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
1.7.1	or	$Q12g_1 = 1 \text{ or } 2$
154.	If $Q11e_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_{-}1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
1.5.5	or Icolici 2 1	Q12g = 1 = 1 or 2
155.	If $Q11f_1 = 3$ and	Q12a_1 = 1 or 2
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$ $Q12f_1 = 1 \text{ or } 2$
	or	$Q121_1 = 1 \text{ or } 2$ $Q12g_1 = 1 \text{ or } 2$
	or	$Q12g_1 - 1 \text{ or } 2$

156.	If Q11g $1 = 3$ and	Q12a 1 = 1 or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	Q12c 1 = 1 or 2
		Q12d 1 = 1 or 2
	or	
	or	Q12e_1 = 1 or 2
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
157.	If $Q11h_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	Q12e $1 = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
158.	If $Q11i_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	Q12b $1 = 1 \text{ or } 2$
	or	Q12c 1 = 1 or 2
	or	Q12d 1 = 1 or 2
		Q12e 1 = 1 or 2
	or	$Q12e_1 = 1 \text{ of } 2$ $Q12f_1 = 1 \text{ or } 2$
	or	` _
1.50	or	$Q12g_1 = 1 \text{ or } 2$
159.	If $Q11j_1 = 3$ and	Q12a_1 = 1 or 2
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
160.	If $Q11k_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e^{-}1 = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
161.	If Q111 1 = 3 and	Q12a 1 = 1 or 2
	or	$Q12b \ 1 = 1 \text{ or } 2$
		Q12c 1 = 1 or 2
	or	` _
	or	$Q12d_1 = 1 \text{ or } 2$
	or	Q12e_1 = 1 or 2
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$

162.	If $Q11m_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	Q12b 1 = 1 or 2
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g^{-}1 = 1 \text{ or } 2$
163.	If Q11n $1 = 3$ and	Q12a 1 = 1 or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
164.	If $Q11o_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
165.	If $Q11p_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
166.	If $Q11q_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
167.	If $Q11r_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	Q12e_1 = 1 or 2
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$

168.	If $Q11s_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
169.	If $Q11t_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
170.	If $Q11u_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
171.	If $Q11v_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
172.	If $Q11a_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
173.	If $Q11b_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$

151	T0011 0 0 1	010 0 1 0
174.	If $Q11c_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	Q12c $2 = 1 \text{ or } 2$
	or	$Q12d^{2} = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$Q12f^2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
175.	If Q11d $2 = 3$ and	$Q12a \ 2 = 1 \text{ or } 2$
175.	· -	` =
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
176.	If $Q11e_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	Q12b $2 = 1$ or 2
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$Q12f^{-}2 = 1 \text{ or } 2$
	or	$Q12g^{-}2 = 1 \text{ or } 2$
177.	If Q11f $2 = 3$ and	$Q12a \ 2 = 1 \text{ or } 2$
	or	$Q12b \ 2 = 1 \text{ or } 2$
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d \ 2 = 1 \text{ or } 2$
	or	Q12e 2 = 1 or 2
	or	Q12f 2 = 1 or 2
	or	Q12g 2 = 1 or 2
178.	If Q11g $2 = 3$ and	$Q12a \ 2 = 1 \text{ or } 2$
1,0.	or	Q12b 2 = 1 or 2
	or	Q12c 2 = 1 or 2
	or	Q12d 2 = 1 or 2
		Q12e 2 = 1 or 2
	or	$Q126_2 = 1 \text{ or } 2$ $Q12f_2 = 1 \text{ or } 2$
	or	$Q121_2 = 1 \text{ or } 2$ $Q12g_2 = 1 \text{ or } 2$
179.	or If Q11h $2 = 3$ and	$Q12g^2 = 1 \text{ or } 2$
1,7.	or	$Q12b_2 = 1 \text{ or } 2$
	or	Q12c 2 = 1 or 2
	or	Q12d 2 = 1 or 2
	or	Q12d_2 = 1 or 2
		$Q126_2 = 1 \text{ or } 2$ $Q12f_2 = 1 \text{ or } 2$
	or	$Q121_2 = 1 \text{ or } 2$ Q12g 2 = 1 or 2
	or	$\sqrt{12g_2} = 1.01.2$

180.	If $Q11i_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_{2} = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
181.	If $Q11j_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
182.	If $Q11k_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	Q12g_2 = 1 or 2
183.	If $Q111_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
104	or	Q12g 2 = 1 or 2
184.	If $Q11m_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	Q12c_2 = 1 or 2
	or	$Q12d_2 = 1 \text{ or } 2$
	or	Q12e_2 = 1 or 2
	or	$Q12f_2 = 1 \text{ or } 2$
105	or If O11n, 2 = 2 and	$\frac{\text{Q12g } 2 = 1 \text{ or } 2}{\text{Q12g } 2 = 1 \text{ or } 2}$
185.	If $Q11n_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$ $Q12b_2 = 1 \text{ or } 2$
	or	$Q126_2 = 1 \text{ or } 2$ $Q126_2 = 1 \text{ or } 2$
	or or	$Q126_2 = 1 \text{ or } 2$ $Q12d_2 = 1 \text{ or } 2$
	or or	$Q12d_2 = 1 \text{ or } 2$ $Q12e_2 = 1 \text{ or } 2$
	or or	$Q12e_2 = 1 \text{ or } 2$ $Q12f_2 = 1 \text{ or } 2$
	or	$Q121_2 = 1 \text{ of } 2$ $Q12g_2 = 1 \text{ or } 2$
	01	X125_2 1 01 2

186.	If Q110 $2 = 3$ and	Q12a 2 = 1 or 2
	or	$Q12b^{2} = 1 \text{ or } 2$
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$Q12f^{-}2 = 1 \text{ or } 2$
	or	$Q12g^{-}2 = 1 \text{ or } 2$
187.	If Q11p $2 = 3$ and	Q12a 2 = 1 or 2
	or	$Q12b^{2} = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
188.	If $Q11q_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
189.	If $Q11r_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
190.	If $Q11s_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
101	or	$Q12g_2 = 1 \text{ or } 2$
191.	If $Q11t_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$

192.	If $Q11u_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
193.	If $Q11v_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_{2} = 1 \text{ or } 2$
194.	If $Q12a_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	$Q11h_1 = 1 \text{ or } 2$
	or	$Q11i_1 = 1 \text{ or } 2$
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	$Q111_1 = 1 \text{ or } 2$
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q11o_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_{1} = 1 \text{ or } 2$
	or	$Q11u_1 = 1 \text{ or } 2$
	or	$Q11v_1 = 1 \text{ or } 2$

195.	If $Q12b_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	Q11b $1 = 1 \text{ or } 2$
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d^{-}1 = 1 \text{ or } 2$
	or	$0.11e^{-1} = 1 \text{ or } 2$
	or	$Q11f^{-}1 = 1 \text{ or } 2$
	or	$Q11g^{-}1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	Q11i $1 = 1$ or 2
	or	$Q11j^{-}1 = 1 \text{ or } 2$
	or	Q11k 1 = 1 or 2
	or	Q111 1 = 1 or 2
	or	Q11m 1 = 1 or 2
	or	Q11n 1 = 1 or 2
	or	Q11o 1 = 1 or 2
	or	$Q11p_1 = 1 \text{ or } 2$
	or	Q11q 1 = 1 or 2
	or	Q11r 1 = 1 or 2
	or	Q11s 1 = 1 or 2
	or	Q11t 1 = 1 or 2
	or	$Q11u^{-}1 = 1 \text{ or } 2$
	or	$Q11v_1 = 1 \text{ or } 2$
196.	If Q12c $1 = 3$ and	Q11a 1 = 1 or 2
	or	$Q11b^{-}1 = 1 \text{ or } 2$
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d^{-}1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	$Q11f^{-}1 = 1 \text{ or } 2$
	or	$Q11g^{-1} = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	$Q11i^{-}1 = 1 \text{ or } 2$
	or	Q11j 1 = 1 or 2
	or	Q11k $1 = 1$ or 2
	or	Q111 = 1 or 2
	or	Q11m = 1 or 2
	or	$Q11n^{-1} = 1 \text{ or } 2$
	or	$Q110^{-}1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r^{-1} = 1 \text{ or } 2$
	or	$Q11s^{-1} = 1 \text{ or } 2$
	or	$Q11t^{-1} = 1 \text{ or } 2$
	or	$Q11u^{-}1 = 1 \text{ or } 2$
	or	$Q11v^{-}1 = 1 \text{ or } 2$
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197.	If $Q12d_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	Q11b 1 = 1 or 2
	or	$0.011c^{-1} = 1 \text{ or } 2$
	or	$Q11d^{-}1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	Q11f 1 = 1 or 2
	or	$Q11g^{-}1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	Q11i 1 = 1 or 2
	or	Q11j 1 = 1 or 2
	or	Q11k $1 = 1$ or 2
	or	Q111 1 = 1 or 2
	or	Q11m 1 = 1 or 2
	or	Q11n 1 = 1 or 2
	or	Q11o 1 = 1 or 2
	or	Q11p 1 = 1 or 2
	or	Q11q 1 = 1 or 2
	or	Q11r 1 = 1 or 2
	or	Q11s $1 = 1$ or 2
	or	Q11t 1 = 1 or 2
	or	$Q11u^{-}1 = 1 \text{ or } 2$
	or	$Q11v_1 = 1 \text{ or } 2$
198.	If Q12e $1 = 3$ and	Q11a 1 = 1 or 2
	or	$Q11b^{-}1 = 1 \text{ or } 2$
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	$Q11f^{-}1 = 1 \text{ or } 2$
	or	$Q11g^{-}1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	$Q11i^{-}1 = 1 \text{ or } 2$
	or	$Q11j^{-}1 = 1 \text{ or } 2$
	or	Q11k $1 = 1$ or 2
	or	$Q111^{-}1 = 1 \text{ or } 2$
	or	Q11m 1 = 1 or 2
	or	$Q11n^{-1} = 1 \text{ or } 2$
	or	$Q110^{-}1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	Q11r 1 = 1 or 2
	or	$Q11s^{-1} = 1 \text{ or } 2$
	or	$Q11t^{-1} = 1 \text{ or } 2$
	or	$Q11u^{-}1 = 1 \text{ or } 2$
	or	$0.011 \text{ v}^{-1} = 1 \text{ or } 2$

199.	If $Q12f_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	Q11f 1 = 1 or 2
	or	Q11g 1 = 1 or 2
	or	Q11h 1 = 1 or 2
	or	Q11i 1 = 1 or 2
	or	Q11 _j 1 = 1 or 2
		Q11k 1 = 1 or 2
	or	` _
	or	Q111_1 = 1 or 2
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q110_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$
	or	$Q11u_1 = 1 \text{ or } 2$
	or	$Q11v_1 = 1 \text{ or } 2$
200.	If $Q12g_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	Q11i 1 = 1 or 2
	or	Q11j 1 = 1 or 2
	or	Q11k 1 = 1 or 2
	or	Q111 1 = 1 or 2
	or	Q11m = 1 or 2
	or	$Q11n^{-1} = 1 \text{ or } 2$
	or	$Q110^{-}1 = 1 \text{ or } 2$
	or	$Q11p^{-}1 = 1 \text{ or } 2$
	or	Q11q 1 = 1 or 2
	or	011r = 1 or 2
	or	$Q11s^{-}1 = 1 \text{ or } 2$
	or	$Q11t^{-1} = 1 \text{ or } 2$
	or	Q11u 1 = 1 or 2
	or	Q11v 1 = 1 or 2
	OI .	Q11v_1 = 1 of 2

201.	If Q12a $2 = 3$ and	Q11a 2 = 1 or 2
	or	$Q11b^2 = 1 \text{ or } 2$
	or	$Q11c^{-}2 = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$Q11e^{-}2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	Q11h 2 = 1 or 2
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111\ 2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q110_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_{2} = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$
	or	$Q11v_2 = 1 \text{ or } 2$
202.	If $Q12b_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b_2 = 1 \text{ or } 2$
	or	$Q11c_2 = 1 \text{ or } 2$
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q110_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$ $Q11v_2 = 1 \text{ or } 2$

203.	If Q12c $2 = 3$ and	Q11a $2 = 1$ or 2
	or	$Q11b^{-}2 = 1 \text{ or } 2$
	or	$0.011c^{-2} = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$Q11e^{-}2 = 1 \text{ or } 2$
	or	Q11f $2 = 1$ or 2
	or	$Q11g^{2} = 1 \text{ or } 2$
	or	Q11h $2 = 1$ or 2
	or	Q11i 2 = 1 or 2
	or	Q11j $2 = 1$ or 2
	or	Q11k $2 = 1$ or 2
	or	Q111 2 = 1 or 2
	or	Q11m 2 = 1 or 2
	or	Q11n 2 = 1 or 2
	or	Q110 $2 = 1$ or 2
	or	Q11p $2 = 1$ or 2
	or	Q11q 2 = 1 or 2
	or	Q11r 2 = 1 or 2
	or	Q11s 2 = 1 or 2
	or	Q11t 2 = 1 or 2
	or	Q11u 2 = 1 or 2
	or	Q11v 2 = 1 or 2
204.	If Q12d $2 = 3$ and	$Q11a \ 2 = 1 \text{ or } 2$
204.	or	$Q11b \ 2 = 1 \text{ or } 2$
	or	Q11c 2 = 1 or 2
	or	Q11d 2 = 1 or 2
	or	Q11e 2 = 1 or 2
	or	Q11f 2 = 1 or 2
	or	Q11g 2 = 1 or 2
	or	Q11h 2 = 1 or 2
	or	Q11i 2 = 1 or 2
	or	$Q111_2 = 1 \text{ of } 2$ $Q111_1 = 1 \text{ or } 2$
	or	$Q11J_2 = 1 \text{ or } 2$ $Q11k_2 = 1 \text{ or } 2$
	or	Q111 = 1 or 2 Q111 = 1 or 2
	or	$Q111_2 = 1 \text{ or } 2$ Q11m 2 = 1 or 2
	or	$Q11m_2 = 1 \text{ or } 2$ $Q11n_2 = 1 \text{ or } 2$
	or	Q110 2 = 1 or 2
	or	$Q110_2 = 1 \text{ or } 2$ $Q11p_2 = 1 \text{ or } 2$
		$Q11p_2 = 1 \text{ or } 2$ $Q11q_2 = 1 \text{ or } 2$
	or or	Q11q_2 = 1 or 2 Q11r 2 = 1 or 2
		Q11s 2 = 1 or 2
	or	$Q118_2 = 1 \text{ or } 2$ $Q11t_2 = 1 \text{ or } 2$
	or or	$Q110_2 = 1 \text{ or } 2$ $Q110_2 = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$ $Q11v_2 = 1 \text{ or } 2$
1	or	$Q11V \angle - 101\angle$

205.	If $Q12e_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b^{-}2 = 1 \text{ or } 2$
	or	$Q11c^{-}2 = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	Q11e 2 = 1 or 2
	or	Q11f 2 = 1 or 2
	or	Q11g 2 = 1 or 2
	or	Q11h 2 = 1 or 2
	or	Q11i 2 = 1 or 2
	or	Q11 $\frac{1}{2}$ 2 = 1 or 2
	or	Q11k $2 = 1$ or 2
	or	Q111 = 1 or 2
		$Q111_2 = 1 \text{ or } 2$ Q11m 2 = 1 or 2
	or or	$Q11n_2 = 1 \text{ or } 2$ $Q11n_2 = 1 \text{ or } 2$
		$Q110_2 = 1 \text{ or } 2$ $Q110_2 = 1 \text{ or } 2$
	or	$Q110_2 = 1 \text{ or } 2$ $Q11p_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$ $Q11q_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$ $Q11r_2 = 1 \text{ or } 2$
	or	` -
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$
206	or	$Q11v_2 = 1 \text{ or } 2$
206.	If $Q12f_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b_2 = 1 \text{ or } 2$
	or	$Q11c_2 = 1 \text{ or } 2$
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_{2} = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$
	or	$Q11v_2 = 1 \text{ or } 2$

207.	If Q12g $2 = 3$ and	Q11a 2 = 1 or 2
	or	$Q11b^{2} = 1 \text{ or } 2$
	or	$Q11c^{-}2 = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$Q11e^{-}2 = 1 \text{ or } 2$
	or	$Q11f^{-}2 = 1 \text{ or } 2$
	or	$Q11g^{2} = 1 \text{ or } 2$
	or	Q11h 2 = 1 or 2
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
	or	$Q11u_2 = 1 \text{ or } 2$
	or	$Q11v_2 = 1 \text{ or } 2$
208.	If $Q14a = 1$ or 2 and	Q14b = 3
	or	Q14c = 3
	or	Q14d = 3
	or	Q14e = 3
209.	If $Q14b = 1$ or 2 and	Q14a = 3
	or	Q14c = 3
	or	Q14d = 3
	or	Q14e = 3
210.	If $Q14c = 1$ or 2 and	Q14a = 3
	or	Q14b = 3
	or	Q14d = 3
	or	Q14e = 3
211.	If $Q14d = 1$ or 2 and	Q14a = 3
	or	Q14b = 3
	or	Q14c = 3
212	or	Q14e = 3
212.	If $Q14e = 1$ or 2 and	Q14a = 3
	or	Q14b = 3
	or	Q14c = 3
	or	Q14d = 3

Then, missing value code .E is assigned to question 2 if question 1 was edited by question 6 in consistency check #63 above.

213.	If $Q1 = .F$ and	Q2a = 1 or 2 or 3	
214.	If $Q1 = .F$ and	Q2b = 1 or 2 or 3	
215.	If $Q1 = .F$ and	Q2c = 1 or 2 or 3	
216.	If $Q1 = .F$ and	Q2d = 1 or 2 or 3	
217.	If $Q1 = .F$ and	Q2e = 1 or 2 or 3	
218.	If $Q1 = .F$ and	Q2f = 1 or 2 or 3	
219.	If $Q1 = .F$ and	Q2g = 1 or 2 or 3	

Finally, for principal and lead health education teacher data, any valid character data (including 'Not Applicable') is recoded to numeric data (A=1, B=2, and so on).

For both weighted and unweighted sites, the number of records for the dataset will match the number of usable questionnaires reported on the sample description.

Questionnaires are subverted only when they contain no data after editing.

4. Grade Span Consistency Edits

Profiles survey results are reported by three school grade levels (middle school, junior/senior high school, high school). Schools are classified into grade level based on the grade span on the sampling frame. Low grade and high grade on the sampling frame are named f lowgrade and f higrade, respectively. Four of the Profiles questions (Principal Q14, Lead Health Education Teacher [LHT] Q2, LHT Q11, and LHT Q12) contain grade-specific responses. These grade questions are compared to the grade span of the school and edited for consistency.

After the edit codes .A-.F have been assigned to the principal and teacher scanned data, Principal O14, LHT O2, LHT O11, and LHT O12 are edited using the I edit code to indicate that the responses to these grade questions are inconsistent with the grade span.

a. Principal Question 14

Each Principal Q14 item (Q14a-Q14g) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-14) are run.

- 1. If f lowgrade > 6 or f higrade < 6 and Q14a = 1 or 2
- 2. If f lowgrade \leq 6 and f higrade \Rightarrow 6 and Q14a = 3
- 3. If f lowgrade > 7 or f higrade < 7 and Q14b = 1 or 2
- 4. If f lowgrade \leq 7 and f higrade \Rightarrow 7 and Q14b = 3
- 5. If f lowgrade > 8 or f higrade < 8 and O14c = 1 or 2
- 6. If f lowgrade \leq 8 and f higrade \Rightarrow 8 and Q14c = 3
- 7. If f lowgrade > 9 or f higrade < 9 and Q14d = 1 or 2
- If f lowgrade \leq 9 and f higrade \Rightarrow 9 and Q14d = 3 8.
- 9. If f lowgrade > 10 or f higrade < 10 and O14e = 1 or 2
- 10. If f lowgrade \leq 10 and f higrade \Rightarrow 10 and Q14e = 3
- If f lowgrade > 11 or f higrade < 11 and Q14f = 1 or 2 11.
- If f lowgrade \leq 11 and f higrade \Rightarrow 11 and O14f = 3 12.
- 13. If f lowgrade > 12 or f higrade < 12 and Q14g = 1 or 2
- 14. If f lowgrade \leq 12 and f higrade \Rightarrow 12 and Q14g = 3

b. Lead Health Education Teacher Question 2

Each Teacher Q2 item (Q2a – Q2g) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-14) are run.

- 1. If f lowgrade > 6 or f higrade < 6 and Q2a = 1 or 2
- 2. If f lowgrade \leq 6 and f higrade \Rightarrow 6 and Q2a = 3
- 3. If f lowgrade > 7 or f higrade < 7 and Q2b = 1 or 2
- 4. If f lowgrade \leq 7 and f higrade \Rightarrow 7 and Q2b = 3
- If f lowgrade > 8 or f higrade < 8 and Q2c = 1 or 2 5.
- If f lowgrade \leq 8 and f higrade \Rightarrow 8 and Q2c = 3 6.
- If f lowgrade > 9 or f higrade < 9 and O2d = 1 or 2 7.
- If f lowgrade \leq 9 and f higrade \Rightarrow 9 and Q2d = 3 8.
- 9. If f lowgrade > 10 or f higrade < 10 and Q2e = 1 or 2
- 10. If f lowgrade \leq 10 and f higrade \Rightarrow 10 and Q2e = 3
- 11. If f lowgrade > 11 or f higrade < 11 and Q2f = 1 or 2 12. If f lowgrade \leq 11 and f higrade \Rightarrow 11 and Q2f = 3
- If f lowgrade > 12 or f higrade < 12 and O2g = 1 or 2 13.
- 14. If f lowgrade \leq 12 and f higrade \Rightarrow 12 and Q2g = 3

c. Lead Health Education Teacher Question 11

Each Teacher Q11 item (Q11a_1-Q11v_1, Q11a_2-Q11v_2) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-88) are run.

1. If f lowgrade \Rightarrow 9 and Q11a 1 = 1 or 2 2. If f lowgrade \Rightarrow 9 and Q11b 1 = 1 or 2 3. If f lowgrade \Rightarrow 9 and Q11c 1 = 1 or 2 4. If f lowgrade \Rightarrow 9 and Q11d 1 = 1 or 2 5. If f lowgrade \Rightarrow 9 and O11e 1 = 1 or 2 6. If f lowgrade \Rightarrow 9 and Q11f 1 = 1 or 2 7. If f lowgrade \Rightarrow 9 and Q11g 1 = 1 or 2 8. If f lowgrade \Rightarrow 9 and Q11h 1 = 1 or 2 9. If f lowgrade \Rightarrow 9 and Q11i 1 = 1 or 2 10. If f lowgrade \Rightarrow 9 and Q11j 1 = 1 or 2 If f lowgrade \Rightarrow 9 and Q11k 1 = 1 or 2 11. 12. If f lowgrade \Rightarrow 9 and Q111 1 = 1 or 2 13. If f lowgrade \Rightarrow 9 and Q11m 1 = 1 or 2 14. If f lowgrade \Rightarrow 9 and Q11n 1 = 1 or 2 15. If f lowgrade \Rightarrow 9 and Q11o 1 = 1 or 2 16. If f lowgrade \Rightarrow 9 and Q11p 1 = 1 or 2 17. If f lowgrade \Rightarrow 9 and Q11q 1 = 1 or 2 18. If f lowgrade \Rightarrow 9 and Q11r 1 = 1 or 2 19. If f lowgrade \Rightarrow 9 and Q11s 1 = 1 or 2 20. If f lowgrade \Rightarrow 9 and Q11t 1 = 1 or 2 21. If f lowgrade \Rightarrow 9 and Q11u 1 = 1 or 2 22. If f lowgrade \Rightarrow 9 and Q11v 1 = 1 or 2 23. If f lowgrade < 9 and Q11a 1 = 3 24. If f lowgrade < 9 and Q11b 1 = 325. If f lowgrade < 9 and Q11c 1 = 3 26. If f lowgrade < 9 and Q11d 1 = 3 27. If f lowgrade < 9 and Q11e 1 = 3 28. If f lowgrade < 9 and Q11f 1 = 3 29. If f lowgrade < 9 and O11g 1 = 3 30. If f lowgrade < 9 and Q11h 1 = 3 31. If f lowgrade < 9 and Q11i 1 = 3 32. If f lowgrade < 9 and Q11j 1 = 3 33. If f lowgrade < 9 and Q11k 1 = 3 34. If f lowgrade < 9 and Q111 1 = 3 35. If f lowgrade < 9 and O11m 1 = 3 36. If f lowgrade < 9 and Q11n 1 = 3 37. If f lowgrade < 9 and Q11o 1 = 3 38. If f lowgrade < 9 and Q11p 1 = 3 39. If f lowgrade < 9 and Q11q 1 = 3 40. If f lowgrade < 9 and Q11r 1 = 3 41. If f lowgrade < 9 and Q11s 1 = 3 42. If f lowgrade < 9 and Q11t 1 = 3 43. If f lowgrade < 9 and O11u 1 = 3 44. If f lowgrade < 9 and Q11v 1 = 3 45. If f higrade < 9 and Q11a 2 = 1 or 2

If f higrade < 9 and Q11b 2 = 1 or 2

46.

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47.
       If f higrade < 9 and Q11c 2 = 1 or 2
48.
       If f higrade < 9 and Q11d 2 = 1 or 2
49.
       If f higrade < 9 and Q11e 2 = 1 or 2
50.
       If f higrade < 9 and Q11f 2 = 1 or 2
51.
       If f higrade < 9 and Q11g 2 = 1 or 2
52.
       If f higrade < 9 and Q11h 2 = 1 or 2
53.
       If f higrade < 9 and Q11i 2 = 1 or 2
54.
       If f higrade < 9 and Q11j 2 = 1 or 2
55.
       If f higrade < 9 and Q11k 2 = 1 or 2
       If f higrade < 9 and Q111 2 = 1 or 2
56.
57.
       If f higrade < 9 and Q11m 2 = 1 or 2
58.
       If f higrade < 9 and Q11n 2 = 1 or 2
59.
       If f higrade < 9 and Q11o 2 = 1 or 2
60.
       If f higrade < 9 and Q11p 2 = 1 or 2
       If f higrade < 9 and Q11q 2 = 1 or 2
61.
62.
       If f higrade < 9 and Q11r 2 = 1 or 2
63.
       If f higrade < 9 and Q11s 2 = 1 or 2
64.
       If f higrade < 9 and Q11t 2 = 1 or 2
65.
       If f higrade < 9 and Q11u 2 = 1 or 2
66.
       If f higrade < 9 and Q11v 2 = 1 or 2
67.
       If f higrade \Rightarrow 9 and Q11a 2 = 3
68.
       If f higrade \Rightarrow 9 and Q11b 2 = 3
69.
       If f higrade \Rightarrow 9 and Q11c 2 = 3
70.
       If f higrade \Rightarrow 9 and Q11d 2 = 3
71.
       If f higrade \Rightarrow 9 and Q11e 2 = 3
72.
       If f higrade \Rightarrow 9 and Q11f 2 = 3
73.
       If f higrade \Rightarrow 9 and Q11g 2 = 3
74.
       If f higrade \Rightarrow 9 and Q11h 2 = 3
75.
       If f higrade \Rightarrow 9 and Q11i 2 = 3
76.
       If f higrade \Rightarrow 9 and Q11j 2 = 3
77.
       If f higrade \Rightarrow 9 and Q11k 2 = 3
78.
       If f higrade \Rightarrow 9 and Q111 2 = 3
79.
       If f higrade \Rightarrow 9 and Q11m 2 = 3
80.
       If f higrade \Rightarrow 9 and Q11n 2 = 3
81.
       If f higrade \Rightarrow 9 and Q11o 2 = 3
82.
       If f higrade \Rightarrow 9 and Q11p 2 = 3
83.
       If f higrade \Rightarrow 9 and Q11q 2 = 3
84.
       If f higrade \Rightarrow 9 and Q11r 2 = 3
85.
       If f higrade \Rightarrow 9 and Q11s 2 = 3
86.
       If f higrade \Rightarrow 9 and O11t 2 = 3
87.
       If f higrade \Rightarrow 9 and Q11u 2 = 3
88.
       If f higrade \Rightarrow 9 and Q11v 2 = 3
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d. Lead Health Education Teacher Question 12

Each Teacher Q12 item (Q12a_1-Q12g_1, Q12a_2-Q12g_2) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-28) are run.

1. If f lowgrade \Rightarrow 9 and Q12a 1 = 1 or 2 2. If f lowgrade \Rightarrow 9 and Q12b 1 = 1 or 2 3. If f lowgrade \Rightarrow 9 and Q12c 1 = 1 or 2 4. If f lowgrade \Rightarrow 9 and Q12d 1 = 1 or 2 5. If f lowgrade \Rightarrow 9 and Q12e 1 = 1 or 2 If f lowgrade \Rightarrow 9 and Q12f 1 = 1 or 2 6. 7. If f lowgrade \Rightarrow 9 and Q12g 1 = 1 or 2 If f lowgrade < 9 and Q12a 1 = 38. If f lowgrade < 9 and Q12b 1 = 39. 10. If f lowgrade < 9 and Q12c 1 = 3If f lowgrade < 9 and Q12d 1 = 3 11. 12. If f lowgrade < 9 and O12e 1 = 3 13. If f lowgrade < 9 and Q12f 1 = 3 14. If f lowgrade < 9 and Q12g 1 = 315. If f higrade < 9 and Q12a 2 = 1 or 2 16. If f higrade < 9 and Q12b 2 = 1 or 2 If f higrade < 9 and Q12c 2 = 1 or 2 17. 18. If f higrade < 9 and Q12d 2 = 1 or 2 19. If f higrade < 9 and Q12e 2 = 1 or 2 If f higrade < 9 and Q12f 2 = 1 or 220. If f higrade < 9 and Q12g 2 = 1 or 221. 22. If f higrade \Rightarrow 9 and Q12a 2 = 3 23. If f higrade \Rightarrow 9 and Q12b 2 = 3 24. If f higrade \Rightarrow 9 and Q12c 2 = 3 If f higrade \Rightarrow 9 and Q12d 2 = 3 25. If f higrade \Rightarrow 9 and Q12e 2 = 3 26.

> If f_higrade \Rightarrow 9 and Q12f_2 = 3 If f higrade \Rightarrow 9 and Q12g_2 = 3

27.

28.

II. Derived Variable Specifications

1. Principal Standard Variables

Each standard question can be analyzed as a dichotomous variable. The dichotomous variables present the percentage of principals answering the predetermined response of interest (ROI). Principals answering the ROI are in the numerator. The denominator is either all principals or a subset of principals who have indicated in the current questionnaire that the school meets a certain criterion. Principals must have provided valid data to be included in any dichotomous variable calculations. Principals with missing responses or who had their answers cleaned during consistency editing are not included. The dichotomous variable results are presented in the tables and bar charts in each site's report.

The following table provides the question and response options for each survey variable and the derivation of its dichotomous variable. The numerator and the denominator of the dichotomous variable are defined below the survey variable. The summary text appearing in the title of the tables for each dichotomous variable is also listed. The threshold for reporting frequencies and percentages is provided. The thresholds for reporting depend on whether the survey used a census or a sample of schools, whether the result is reported by grade level category or for all schools, and whether there is a skip pattern that involves the question being processed. When the denominator frequency of the dichotomous variable is less than the threshold, data are suppressed for reporting. The thresholds in the following table pertain to a sample of schools. For a census, there is no threshold for reporting results for all schools; the threshold is 10 for reporting results by grade level category.

Q1_1. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in physical education and physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q1_1 Denominator: Respondents who answered A or B for Q1_1

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in physical

education and physical activity

Variable label: School Health Index to assess physical education and physical activity

Threshold: All Schools=55 and By Grade Level=19

Q1_2. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in nutrition?

A. Yes B. No

Numerator: Respondents who answered A for Q1_2 Denominator: Respondents who answered A or B for Q1_2

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in nutrition

Variable label: School Health Index to assess nutrition Threshold: All Schools=55 and By Grade Level=19

Q1_3. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in tobacco-use prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q1_3
Denominator: Respondents who answered A or B for Q1_3

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in tobacco-use

prevention

Variable label: School Health Index to assess tobacco-use prevention

Q1_4. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in alcohol- and other drug-use prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q1_4
Denominator: Respondents who answered A or B for Q1_4

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in alcohol- and

other drug-use prevention

Variable label: School Health Index to assess alcohol- and other drug-use prevention

Threshold: All Schools=55 and By Grade Level=19

Q1_5. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in chronic health conditions (e.g., asthma, food allergies)?

A. Yes B. No

Numerator: Respondents who answered A for Q1_5 Denominator: Respondents who answered A or B for Q1_5

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in chronic health

conditions (e.g., asthma, food allergies)

Variable label: School Health Index to assess chronic health conditions (e.g., asthma, food

allergies)

Threshold: All Schools=55 and By Grade Level=19

Q1_6. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in unintentional injury and violence prevention (safety)?

A. Yes B. No

Numerator: Respondents who answered A for Q1_6
Denominator: Respondents who answered A or B for Q1_6

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in unintentional

injury and violence prevention (safety)

Variable label: School Health Index to assess unintentional injury and violence prevention

Q1_7. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in sexual health, including HIV, other STD, and pregnancy prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q1_7
Denominator: Respondents who answered A or B for Q1_7

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in sexual health,

including HIV, other STD, and pregnancy prevention

Variable label: School Health Index to assess sexual health, including HIV, other STD, and

pregnancy prevention

Threshold: All Schools=55 and By Grade Level=19

Q2_1. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school reviewed your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_1 Denominator: Respondents who answered A or B for Q2_1

Summary text: Percentage of schools that reviewed your district's local wellness policy during the

past year

Variable label: Reviewed your district's local wellness policy Threshold: All Schools=55 and By Grade Level=19

Q2_2. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school helped revise your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_2 Denominator: Respondents who answered A or B for Q2_2

Summary text: Percentage of schools that helped revise your district's local wellness policy

during the past year

Variable label: Helped revise your district's local wellness policy

Q2_3. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to school staff about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_3
Denominator: Respondents who answered A or B for Q2_3

Summary text: Percentage of schools that communicated to school staff about your district's local

wellness policy during the past year

Variable label: Communicated to school staff about your district's local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q2_4. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to parents and families about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_4
Denominator: Respondents who answered A or B for Q2_4

Summary text: Percentage of schools that communicated to parents and families about your

district's local wellness policy during the past year

Variable label: Communicated to parents and families about your district's local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q2_5. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to students about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_5
Denominator: Respondents who answered A or B for Q2_5

Summary text: Percentage of schools that communicated to students about your district's local

wellness policy during the past year

Variable label: Communicated to students about your district's local wellness policy

Q2_6. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school measured your school's compliance with your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_6
Denominator: Respondents who answered A or B for Q2_6

Summary text: Percentage of schools that measured your school's compliance with your district's

local wellness policy during the past year

Variable label: Measured your school's compliance with your district's local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q2_7. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school developed an action plan that describes steps to meet requirements of your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q2_7
Denominator: Respondents who answered A or B for Q2_7

Summary text: Percentage of schools that developed an action plan that describes steps to meet

requirements of your district's local wellness policy during the past year

Variable label: Developed an action plan that describes steps to meet requirements of your

district's local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q3. Currently, does someone at your school oversee or coordinate school health and safety programs and activities?

A. Yes B. No

Numerator: Respondents who answered A for Q3
Denominator: Respondents who answered A or B for Q3

Summary text: Percentage of schools that currently have someone who oversees or coordinates

school health and safety programs and activities

Variable label: Oversee school health/safety programs
Threshold: All Schools=55 and By Grade Level=19

Q4. Is there one or more than one group (e.g., a school health council, committee, team) at your school that offers guidance on the development of policies or coordinates activities on health topics?

A. Yes

B. No \rightarrow Skip to Question 6

Numerator: Respondents who answered A for Q4
Denominator: Respondents who answered A or B for Q4

Summary text: Percentage of schools that have one or more than one group (e.g., a school health

council, committee, or team) that offers guidance on the development of policies

or coordinates activities on health topics

Variable label: Group that offers guidance on health topics Threshold: All Schools=55 and By Grade Level=19

Q5_1. During the past year, has any school health council, committee, or team at your school identified student health needs based on a review of relevant data?

A. Yes B. No

Numerator: Respondents who answered A for Q5_1 Denominator: Respondents who answered A or B for Q5_1

Summary text: Percentage of schools that have a school health council, committee, or team that

identified student health needs based on a review of relevant data during the past

year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics.

Variable label: Council identified student health needs Threshold: All Schools=37 and By Grade Level=10

Q5_2. During the past year, has any school health council, committee, or team at your school recommended new or revised health and safety policies and activities to school administrators or the school improvement team?

A. Yes B. No

Numerator: Respondents who answered A for Q5_2 Denominator: Respondents who answered A or B for Q5_2

Summary text: Percentage of schools that have a school health council, committee, or team that

recommended new or revised health and safety policies and activities to school

administrators or the school improvement team during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics.

Variable label: Council recommended new/revised health/safety policies

Q5_3. During the past year, has any school health council, committee, or team at your school sought funding or leveraged resources to support health and safety priorities for students and staff?

A. Yes B. No

Numerator: Respondents who answered A for Q5_3 Denominator: Respondents who answered A or B for Q5_3

Summary text: Percentage of schools that have a school health council, committee, or team that

sought funding or leveraged resources to support health and safety priorities for

students and staff during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics.

Variable label: Council sought funding to support health/safety priorities

Threshold: All Schools=37 and By Grade Level=10

Q5_4. During the past year, has any school health council, committee, or team at your school communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members?

A. Yes B. No

Numerator: Respondents who answered A for Q5_4
Denominator: Respondents who answered A or B for Q5_4

Summary text: Percentage of schools that have a school health council, committee, or team that

communicated the importance of health and safety policies and activities to district

administrators, school administrators, parent-teacher groups, or community

members during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics.

Variable label: Council communicated importance of health/safety policies

Threshold: All Schools=37 and By Grade Level=10

Q5_5. During the past year, has any school health council, committee, or team at your school reviewed health-related curricula or instructional materials?

A. Yes B. No

Numerator: Respondents who answered A for Q5_5 Denominator: Respondents who answered A or B for Q5_5

Summary text: Percentage of schools that have a school health council, committee, or team that

reviewed health-related curricula or instructional materials during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics.

Variable label: Council reviewed health-related curricula Threshold: All Schools=37 and By Grade Level=10

Q6_1. During the regular school day, does your school use security guards (private or school employees/contractors)?

A. Yes B. No

Numerator: Respondents who answered A for Q6_1 Denominator: Respondents who answered A or B for Q6_1

Summary text: Percentage of schools that use security guards (private or school

employees/contractors) during the school day

Variable label: Uses security guards

Threshold: All Schools=55 and By Grade Level=19

Q6 2. During the regular school day, does your school use school resource officers (SROs)?

A. Yes B. No

Numerator: Respondents who answered A for Q6_2 Denominator: Respondents who answered A or B for Q6_2

Summary text: Percentage of schools that use school resource officers (SROs) during the school

day

Variable label: Uses school resource officers (SROs)
Threshold: All Schools=55 and By Grade Level=19

Q6_3. During the regular school day, does your school use police officers other than SROs (i.e., county or local law enforcement)?

A. Yes B. No

Numerator: Respondents who answered A for Q6_3
Denominator: Respondents who answered A or B for Q6_3

Summary text: Percentage of schools that use police officers other than SROs (i.e., county or local

law enforcement) during the school day

Variable label: Uses police officers other than SROs
Threshold: All Schools=55 and By Grade Level=19

Q7_1. During the past year, has your school included before- or after-school settings as part of the School Improvement Plan?

A. Yes B. No

Numerator: Respondents who answered A for Q7_1 Denominator: Respondents who answered A or B for Q7_1

Summary text: Percentage of schools that included before- or after-school settings as part of the

School Improvement Plan

Variable label: Included before- or after-school settings as part of SIP

Q7_2. During the past year, has your school encouraged before- or after-school program staff or leaders to participate in school health council, committee, or team meetings?

A. Yes B. No

Numerator: Respondents who answered A for Q7_2 Denominator: Respondents who answered A or B for Q7_2

Summary text: Percentage of schools that encouraged before- or after-school program staff or

leaders to participate in school health council, committee, or team meetings

Variable label: Encouraged before- or after-school staff to participate in meetings

Threshold: All Schools=55 and By Grade Level=19

Q7_3. During the past year, has your school partnered with community-based organizations (e.g., Boys & Girls Clubs, YMCA, 4H Clubs) to provide students with before- or after-school programming?

A. Yes B. No

Numerator: Respondents who answered A for Q7_3
Denominator: Respondents who answered A or B for Q7_3

Summary text: Percentage of schools that partnered with community-based organizations (e.g.,

Boys & Girls Clubs, YMCA, 4H Clubs) to provide students with before- or after-

school programming

Variable label: Partnered with organizations

Threshold: All Schools=55 and By Grade Level=19

Q8. Does your school have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity? These clubs sometimes are called Gay/Straight Alliances or Genders and Sexualities Alliances.

A. Yes B. No

Numerator: Respondents who answered A for Q8
Denominator: Respondents who answered A or B for Q8

Summary text: Percentage of schools that have a student-led club that aims to create a safe,

welcoming, and accepting school environment for all youth, regardless of sexual

orientation or gender identity

Variable label: Gay/straight alliance

Q9_1. Does your school identify "safe spaces" (e.g., a counselor's office, designated classroom, student organization) where lesbian, gay, bisexual, transgender, or questioning (LGBTQ) youth can receive support from administrators, teachers, or other school staff?

A. Yes B. No

Numerator: Respondents who answered A for Q9_1 Denominator: Respondents who answered A or B for Q9_1

Summary text: Percentage of schools that identify "safe spaces" (e.g., a counselor's office,

designated classroom, student organization) where LGBTQ youth can receive

support from administrators, teachers, or other school staff

Variable label: Safe spaces for LGBTQ

Threshold: All Schools=55 and By Grade Level=19

Q9_2. Does your school prohibit harassment based on a student's perceived or actual sexual orientation or gender identity?

A. Yes B. No

Numerator: Respondents who answered A for Q9_2 Denominator: Respondents who answered A or B for Q9_2

Summary text: Percentage of schools that prohibit harassment based on a student's perceived or

actual sexual orientation or gender identity

Variable label: Prohibit harassment

Threshold: All Schools=55 and By Grade Level=19

Q9_3. Does your school encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity?

A. Yes B. No

Numerator: Respondents who answered A for Q9_3
Denominator: Respondents who answered A or B for Q9_3

Summary text: Percentage of schools that encourage staff to attend professional development on

safe and supportive school environments for all students, regardless of sexual

orientation or gender identity

Variable label: Encourage staff professional development on safe environment

Q9_4. Does your school facilitate access to providers not on school property who have experience in providing health services, including HIV/STD testing and counseling, to LGBTQ youth?

A. Yes B. No

Numerator: Respondents who answered A for Q9_4
Denominator: Respondents who answered A or B for Q9_4

Summary text: Percentage of schools that facilitate access to providers not on school property who

have experience in providing health services, including HIV/STD testing and

counseling, to LGBTQ youth

Variable label: Health services for LGBTQ youth

Threshold: All Schools=55 and By Grade Level=19

Q9_5. Does your school facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth?

A. Yes B. No

Numerator: Respondents who answered A for Q9_5 Denominator: Respondents who answered A or B for Q9_5

Summary text: Percentage of schools that facilitate access to providers not on school property who

have experience in providing social and psychological services to LGBTQ youth

Variable label: Social and psychological services for LGBTQ youth

Threshold: All Schools=55 and By Grade Level=19

Q10. During the past year, did all staff at your school receive professional development on preventing, identifying, and responding to student bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q10
Denominator: Respondents who answered A or B for Q10

Summary text: Percentage of schools in which staff received professional development on

preventing, identifying, and responding to student bullying and sexual harassment,

including electronic aggression

Variable label: Prof dev preventing bullying/harassment
Threshold: All Schools=55 and By Grade Level=19

Q11. Does your school have a designated staff member to whom students can confidentially report student bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q11
Denominator: Respondents who answered A or B for Q11

Summary text: Percentage of schools that have a designated staff member to whom students can

confidentially report student bullying and sexual harassment, including electronic

aggression

Variable label: Confidential report bullying/harassment Threshold: All Schools=55 and By Grade Level=19

Q12. Does your school use electronic (e.g., e-mails, school web site), paper (e.g., flyers, postcards), or oral (e.g., phone calls, parent seminars) communication to publicize and disseminate policies, rules, or regulations on bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q12
Denominator: Respondents who answered A or B for Q12

Summary text: Percentage of schools that use electronic, paper, or oral communication to

publicize and disseminate policies, rules, or regulations on bullying and sexual

harassment, including electronic aggression

Variable label: Publicize bullying/harassment rules
Threshold: All Schools=55 and By Grade Level=19

Q13 1. Does your school have written protocols for assessing student suicide risk?

A. Yes B. No

Numerator: Respondents who answered A for Q13_1 Denominator: Respondents who answered A or B for Q13_1

Summary text: Percentage of schools that have written protocol for assessing student suicide risk

Variable label: Written protocol for assessing student suicide risk

Q13_2. Does your school have written protocols for notifying parents when a student is at risk for suicide?

A. Yes B. No

Numerator: Respondents who answered A for Q13_2 Denominator: Respondents who answered A or B for Q13_2

Summary text: Percentage of schools that have written protocol for notifying parents when a student

is at risk for suicide

Variable label: Written protocol for notifying parents when a student is at risk for suicide

Threshold: All Schools=55 and By Grade Level=19

Q13_3. Does your school have written protocols for referring students at risk for suicide to mental health services?

A. Yes B. No

Numerator: Respondents who answered A for Q13_3
Denominator: Respondents who answered A or B for Q13_3

Summary text: Percentage of schools that have written protocol for referring students at risk for

suicide to mental health services

Variable label: Written protocol for referring students at risk for suicide to mental health services

Threshold: All Schools=55 and By Grade Level=19

Q13 4. Does your school have written protocols for responding to a suicide attempt at school?

A. Yes B. No

Numerator: Respondents who answered A for Q13_4
Denominator: Respondents who answered A or B for Q13_4

Summary text: Percentage of schools that have written protocol for responding to a suicide attempt

at school

Variable label: Written protocol for responding to a suicide attempt at school

Threshold: All Schools=55 and By Grade Level=19

Q13_5. Does your school have written protocols for supporting students returning to school after a suicide attempt?

A. Yes B. No

Numerator: Respondents who answered A for Q13_5
Denominator: Respondents who answered A or B for Q13_5

Summary text: Percentage of schools that have written protocol for supporting students returning

to school after a suicide attempt

Variable label: Written protocol for supporting students returning to school after a suicide attempt

Q13_6. Does your school have written protocols for responding to the death of a student or staff member from suicide?

A. Yes B. No

Numerator: Respondents who answered A for Q13_6
Denominator: Respondents who answered A or B for Q13_6

Summary text: Percentage of schools that have written protocol for responding to the death of a

student or staff member from suicide

Variable label: Written protocol for responding to the death of a student or staff member from

suicide

Threshold: All Schools=55 and By Grade Level=19

Q14_1. Is a required physical education course taught in grade 6 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14 1

Denominator: Respondents who answered A or B for Q14_1. Respondents who answered C for

Q14 1 are excluded.

Summary text: Percentage of schools that taught a required physical education course in sixth

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 6

Threshold: All Schools=55 and By Grade Level=19

Q14 2. Is a required physical education course taught in grade 7 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14_2

Denominator: Respondents who answered A or B for Q14_2. Respondents who answered C for

Q14 2 are excluded.

Summary text: Percentage of schools that taught a required physical education course in seventh

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 7

Q14 3. Is a required physical education course taught in grade 8 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14 3

Denominator: Respondents who answered A or B for Q14 3. Respondents who answered C for

Q14 3 are excluded.

Summary text: Percentage of schools that taught a required physical education course in eighth

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 8

Threshold: All Schools=55 and By Grade Level=19

Q14_4. Is a required physical education course taught in grade 9 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14_4

Denominator: Respondents who answered A or B for Q14 4. Respondents who answered C for

Q14 4 are excluded.

Summary text: Percentage of schools that taught a required physical education course in ninth

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 9

Threshold: All Schools=55 and By Grade Level=19

Q14 5. Is a required physical education course taught in grade 10 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14_5

Denominator: Respondents who answered A or B for Q14_5. Respondents who answered C for

Q14 5 are excluded.

Summary text: Percentage of schools that taught a required physical education course in tenth

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 10

Q14 6. Is a required physical education course taught in grade 11 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14 6

Denominator: Respondents who answered A or B for Q14 6. Respondents who answered C for

Q14 6 are excluded.

Summary text: Percentage of schools that taught a required physical education course in eleventh

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 11

Threshold: All Schools=55 and By Grade Level=19

Q14_7. Is a required physical education course taught in grade 12 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q14 7

Denominator: Respondents who answered A or B or Q14 7. Respondents who answered C for

Q14 7 are excluded.

Summary text: Percentage of schools that taught a required physical education course in twelfth

grade*

Footnote: *Among schools with students in that grade.

Variable label: PE taught in grade 12

Threshold: All Schools=55 and By Grade Level=19

Q15. During the past year, did any physical education teachers or specialists at your school receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on physical education or physical activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q15
Denominator: Respondents who answered A or B for Q15

Summary text: Percentage of schools in which physical education teachers or specialists received

professional development on physical education or physical activity during the past

year

Variable label: Professional development on PE

Q16_1. Does your school provide physical education teachers with a written physical education curriculum that aligns with national standards for physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q16_1 Denominator: Respondents who answered A or B for Q16_1

Summary text: Percentage of schools that provide physical education teachers with a written

physical education curriculum that aligns with national standards for physical

education

Variable Label: Provide PE teachers with written PE curriculum

Threshold: All Schools=55 and By Grade Level=19

Q16_2. Does your school require physical education teachers to follow a written physical education curriculum?

A. Yes B. No

Numerator: Respondents who answered A for Q16_2 Denominator: Respondents who answered A or B for Q16_2

Summary text: Percentage of schools that require physical education teachers to follow a written

physical education curriculum

Variable Label: Require PE teachers to follow written PE curriculum

Threshold: All Schools=55 and By Grade Level=19

Q16_3. Does your school allow the use of waivers, exemptions, or substitutions for physical education requirements for one grading period or longer?

A. Yes B. No

Numerator: Respondents who answered A for Q16_3
Denominator: Respondents who answered A or B for Q16_3

Summary text: Percentage of schools that allow the use of waivers, exemptions, or substitutions for

physical education requirements for one grading period or longer

Variable Label: Allow waivers/exemptions/substitutions for PE requirements

Q16_4. Does your school allow teachers to exclude students from physical education to punish them for inappropriate behavior or failure to complete class work in another class?

A. Yes B. No

Numerator: Respondents who answered A for Q16_4
Denominator: Respondents who answered A or B for Q16_4

Summary text: Percentage of schools that allow teachers to exclude students from physical

education to punish them for inappropriate behavior or failure to complete class

work in another class

Variable Label: Allow teachers to exclude students from PE as punishment

Threshold: All Schools=55 and By Grade Level=19

Q16_5. Does your school require physical education teachers to be certified, licensed, or endorsed by the state in physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q16_5
Denominator: Respondents who answered A or B for Q16_5

Summary text: Percentage of schools that require physical education teachers to be certified,

licensed, or endorsed by the state in physical education

Variable Label: Require PE teachers to be certified/licensed/endorsed

Threshold: All Schools=55 and By Grade Level=19

Q16_6. Does your school limit physical education class sizes so that they are the same size as other subject areas?

A. Yes B. No

Numerator: Respondents who answered A for Q16_6
Denominator: Respondents who answered A or B for Q16_6

Summary text: Percentage of schools that limit physical education class sizes so that they are the

same size as other subject areas

Variable Label: Limit PE class sizes

Threshold: All Schools=55 and By Grade Level=19

Q16 7. Does your school have a dedicated budget for physical education materials and equipment?

A. Yes B. No

Numerator: Respondents who answered A for Q16_7
Denominator: Respondents who answered A or B for Q16_7

Summary text: Percentage of schools that have a dedicated budget for physical education materials

and equipment

Variable Label: Dedicated budget for PE materials
Threshold: All Schools=55 and By Grade Level=19

Q16_8. Does your school provide adapted physical education (i.e., special courses separate from regular PE courses) for students with disabilities as appropriate?

A. Yes B. No

Numerator: Respondents who answered A for Q16_8
Denominator: Respondents who answered A or B for Q16_8

Summary text: Percentage of schools that provide adapted physical education (i.e., special courses

separate from regular PE courses) for students with disabilities as appropriate

Variable Label: Provide adapted PE

Threshold: All Schools=55 and By Grade Level=19

Q16_9. Does your school include students with disabilities in regular physical education courses as appropriate?

A. Yes B. No

Numerator: Respondents who answered A for Q16_9
Denominator: Respondents who answered A or B for Q16_9

Summary text: Percentage of schools that include students with disabilities in regular physical

education courses as appropriate

Variable Label: Include students with disabilities in regular PE Threshold: All Schools=55 and By Grade Level=19

Q17. Outside of physical education, do students participate in physical activity in classrooms during the school day?

A. Yes B. No

Numerator: Respondents who answered A for Q17
Denominator: Respondents who answered A or B for Q17

Summary text: Percentage of schools in which students participate in physical activity in

classrooms during the school day outside of physical education

Variable label: Physical activity in class

Q18. Not including physical education and classroom physical activity, does your school offer opportunities for all students to be physically active during the school day, such as recess, lunchtime intramural activities, or physical activity clubs?

A. Yes B. No

Numerator: Respondents who answered A for Q18
Denominator: Respondents who answered A or B for Q18

Summary text: Percentage of schools that offer opportunities for all students to be physically active

during the school day, such as recess, lunchtime intramural activities, or physical

activity clubs

Variable label: Offer all opp. to be active

Threshold: All Schools=55 and By Grade Level=19

Q19. Does your school offer interscholastic sports to students?

A. Yes B. No

Numerator: Respondents who answered A for Q19
Denominator: Respondents who answered A or B for Q19

Summary text: Percentage of schools that offer interscholastic sports to students

Variable label: Offer interscholastic sports

Threshold: All Schools=55 and By Grade Level=19

Q20_1. Does your school offer opportunities for students to participate in physical activity before the school day through organized physical activities or access to facilities or equipment for physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q20_1 Denominator: Respondents who answered A or B for Q20_1

Summary text: Percentage of schools that offer opportunities for students to participate in physical

activity before the school day through organized physical activities or access to

facilities or equipment for physical activity

Variable label: Physical activity before school

Q20_2. Does your school offer opportunities for students to participate in physical activity after the school day through organized physical activities or access to facilities or equipment for physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q20_2 Denominator: Respondents who answered A or B for Q20_2

Summary text: Percentage of schools that offer opportunities for students to participate in physical

activity after the school day through organized physical activities or access to

facilities or equipment for physical activity

Variable label: Physical activity after school

Threshold: All Schools=55 and By Grade Level=19

Q21_1. A joint use agreement is a formal agreement between a school or school district and another public or private entity to jointly use either school facilities or community facilities to share costs and responsibilities. Does your school, either directly or through the school district, have a joint use agreement for shared use of physical activity or sports facilities?

A. Yes B. No

Numerator: Respondents who answered A for Q21_1 Denominator: Respondents who answered A or B for Q21_1

Summary text: Percentage of schools that have a joint use agreement for shared use of physical

activity or sports facilities

Variable label: Joint use agreement of physical activity or sports facilities

Threshold: All Schools=55 and By Grade Level=19

Q21_2. A joint use agreement is a formal agreement between a school or school district and another public or private entity to jointly use either school facilities or community facilities to share costs and responsibilities. Does your school, either directly or through the school district, have a joint use agreement for shared use of kitchen facilities and equipment?

A. Yes B. No

Numerator: Respondents who answered A for Q21_2 Denominator: Respondents who answered A or B for Q21_2

Summary text: Percentage of schools that have a joint use agreement for shared use of kitchen

facilities and equipment

Variable label: Joint use agreement of kitchen facilities and equipment

Q21_3. A joint use agreement is a formal agreement between a school or school district and another public or private entity to jointly use either school facilities or community facilities to share costs and responsibilities. Does your school, either directly or through the school district, have a joint use agreement for shared use of gardens (e.g., herb or vegetable plots)?

A. Yes B. No

Numerator: Respondents who answered A for Q21_3
Denominator: Respondents who answered A or B for Q21_3

Summary text: Percentage of schools that have a joint use agreement for shared use of gardens

(e.g., herb or vegetable plots)

Variable label: Joint use agreement of gardens

Threshold: All Schools=55 and By Grade Level=19

Q22. Does your school have a written plan for providing opportunities for students to be physically active before, during, and after school? This also may be referred to as a Comprehensive School Physical Activity Program plan.

A. Yes B. No

Numerator: Respondents who answered A for Q22
Denominator: Respondents who answered A or B for Q22

Summary text: Percentage of schools that have a written plan for providing opportunities for

students to be physically active before, during, and after school

Variable label: CSPAP plan

Threshold: All Schools=55 and By Grade Level=19

Q23. During the past year, has your school assessed opportunities available to students to be physically active before, during, or after school?

A. Yes B. No

Numerator: Respondents who answered A for Q23
Denominator: Respondents who answered A or B for Q23

Summary text: Percentage of schools that have assessed opportunities available to students to be

physically active before, during, or after school

Variable label: Assess opp. for students to be active
Threshold: All Schools=55 and By Grade Level=19

Q24. Has your school adopted a policy prohibiting tobacco use?

A. Yes

B. No → Skip to Question 28

Numerator: Respondents who answered A for Q24
Denominator: Respondents who answered A or B for Q24

Summary text: Percentage of schools that have adopted a policy prohibiting tobacco use

Variable label: Policy prohibiting tobacco use

Q25 1 1. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for students during any school-related activity? Yes A. В. No Numerator: Respondents who answered A for Q25 1 1 Respondents who answered A for Q25 1 1, or B for Q25 1 1, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits the use of cigarettes for students during any school-related activity Variable label: Prohibit use of cigarettes for students Threshold: All Schools=37 and By Grade Level=10 Q25 1 2. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for faculty/staff during any school-related activity? A. Yes No B. Numerator: Respondents who answered A for Q25 1 2 Respondents who answered A for Q25 1 2, or B for Q25 1 2, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits the use of cigarettes for faculty/staff during any school-related activity Prohibit use of cigarettes for faculty/staff Variable label: All Schools=37 and By Grade Level=10 Threshold: Q25 1 3. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for visitors during any school-related activity? Yes A. No В. Numerator: Respondents who answered A for Q25 1 3 Respondents who answered A for Q25 1 3, or B for Q25 1 3, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits the use of cigarettes for visitors during any school-related activity Variable label: Prohibit use of cigarettes for visitors Threshold: All Schools=37 and By Grade Level=10

Q25 2 1. Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus, dissolvable tobacco) for students during any schoolrelated activity?

> A. Yes B. No

Respondents who answered A for Q25 2 1 Numerator:

Respondents who answered A for Q25 2 1, or B for Q25 2 1, or B for Q24 Denominator:

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus,

dissolvable tobacco) for students during any school-related activity

Variable label: Prohibit use of smokeless tobacco for students Threshold: All Schools=37 and By Grade Level=10

Q25 2 2. Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus, dissolvable tobacco) for faculty/staff during any schoolrelated activity?

> A. Yes B. No

Numerator: Respondents who answered A for Q25 2 2

Respondents who answered A for Q25 2 2, or B for Q25 2 2, or B for Q24 Denominator:

Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus,

dissolvable tobacco) for faculty/staff during any school-related activity

Variable label: Prohibit use of smokeless tobacco for faculty/staff

All Schools=37 and By Grade Level=10 Threshold:

Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., Q25 2 3. chewing tobacco, snuff, dip, snus, dissolvable tobacco) for visitors during any school-related activity?

> A. Yes

No В.

Respondents who answered A for Q25 2 3 Numerator:

Respondents who answered A for Q25 2 3, or B for Q25 2 3, or B for Q24 Denominator:

Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus,

dissolvable tobacco) for visitors during any school-related activity

Variable label: Prohibit use of smokeless tobacco for visitors Threshold:

All Schools=37 and By Grade Level=10

Q25 3 1. Does the tobacco-use prevention policy specifically prohibit use of cigars for students during any school-related activity?

> Yes A. В. No

Numerator: Respondents who answered A for Q25 3 1

Respondents who answered A for Q25 3 1, or B for Q25 3 1, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits the use of cigars for students during any school-related activity

Variable label: Prohibit use of cigars for students Threshold: All Schools=37 and By Grade Level=10

Q25 3 2. Does the tobacco-use prevention policy specifically prohibit use of cigars for faculty/staff during any school-related activity?

> A. Yes B. No

Numerator: Respondents who answered A for Q25 3 2

Respondents who answered A for Q25 3 2, or B for Q25 3 2, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits the use of cigars for faculty/staff during any school-related activity

Prohibit use of cigars for faculty/staff Variable label:

All Schools=37 and By Grade Level=10 Threshold:

Q25 3 3. Does the tobacco-use prevention policy specifically prohibit use of cigars for visitors during any school-related activity?

> Yes A. No В.

Numerator: Respondents who answered A for Q25 3 3

Respondents who answered A for Q25 3 3, or B for Q25 3 3, or B for Q24 Denominator: Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigars for visitors during any school-related activity

Variable label: Prohibit use of cigars for visitors

All Schools=37 and By Grade Level=10 Threshold:

Q25 4 1. Does the tobacco-use prevention policy specifically prohibit use of pipes for students during any school-related activity?

> Yes A. В. No

Numerator: Respondents who answered A for Q25 4 1

Respondents who answered A for Q25 4 1, or B for Q25 4 1, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits the use of pipes for students during any school-related activity

Variable label: Prohibit use of pipes for students

All Schools=37 and By Grade Level=10 Threshold:

Q25_4_2. Does the tobacco-use prevention policy specifically prohibit use of pipes for faculty/staff during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q25 4 2

Denominator: Respondents who answered A for Q25_4_2, or B for Q25_4_2, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of pipes for faculty/staff during any school-related activity

Variable label: Prohibit use of pipes for faculty/staff
Threshold: All Schools=37 and By Grade Level=10

Q25_4_3. Does the tobacco-use prevention policy specifically prohibit use of pipes for visitors during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q25_4_3

Denominator: Respondents who answered A for Q25_4_3, or B for Q24_Secretary to the secretary and the s

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of pipes for visitors during any school-related activity

Variable label: Prohibit use of pipes for visitors

Threshold: All Schools=37 and By Grade Level=10

Q25_5_1. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for students during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q25 5 1

Denominator: Respondents who answered A for Q25 5 1, or B for Q25 5 1, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for students during any school-related

activity

Variable label: Prohibit use of electronic vapor products for students

Q25_5_2. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for faculty/staff during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q25 5 2

Denominator: Respondents who answered A for Q25_5_2, or B for Q25_5_2, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for faculty/staff during any school-

related activity

Variable label: Prohibit use of electronic vapor products for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q25_5_3. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for visitors during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q25 5 3

Denominator: Respondents who answered A for Q25_5_3, or B for Q25_5_3, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) for visitors during any school-related

activity

Variable label: Prohibit use of electronic vapor products for visitors

Threshold: All Schools=37 and By Grade Level=10

Q26_1_1. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for students?

A. Yes

B. No

Numerator: Respondents who answered A for Q26 1 1

Denominator: Respondents who answered A for Q26_1_1, or B for Q26_1_1, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use during school hours for students

Variable label: Prohibit tobacco use during school hours for students

Q26 1 2. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for faculty/staff? Yes A. B. No Numerator: Respondents who answered A for Q26 1 2 Respondents who answered A for Q26_1_2, or B for Q26_1_2, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during school hours for faculty/staff Variable label: Prohibit tobacco use during school hours for faculty/staff Threshold: All Schools=37 and By Grade Level=10 Q26 1 3. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for visitors? A. Yes B. No Numerator: Respondents who answered A for Q26 1 3 Respondents who answered A for Q26 1 3, or B for Q26 1 3, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during school hours for visitors Prohibit tobacco use during school hours for visitors Variable label: All Schools=37 and By Grade Level=10 Threshold: Q26 2 1. Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school hours for students? Yes A. В. No Numerator: Respondents who answered A for Q26 2 1 Respondents who answered A for Q26 2 1, or B for Q26 2 1, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for students Variable label: Prohibit tobacco use during non-school hours for students Threshold: All Schools=37 and By Grade Level=10 Q26 2 2. Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school hours for faculty/staff? Yes A. В. No Numerator: Respondents who answered A for Q26 2 2 Respondents who answered A for Q26 2 2, or B for Q26 2 2, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for faculty/staff Variable label: Prohibit tobacco use during non-school hours for faculty/staff Threshold: All Schools=37 and By Grade Level=10

Q26 2 3. Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school hours for visitors? Yes A. B. No Numerator: Respondents who answered A for Q26 2 3 Respondents who answered A for Q26 2 3, or B for Q26 2 3, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for visitors Variable label: Prohibit tobacco use during non-school hours for visitors All Schools=37 and By Grade Level=10 Threshold: Q27 1 1. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for students? A. Yes B. No Numerator: Respondents who answered A for Q27 1 1 Respondents who answered A for Q27_1_1, or B for Q27_1_1, or B for Q24 Denominator: Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically prohibits tobacco use in school buildings for students Prohibit tobacco use in school buildings for students Variable Label: Threshold: All Schools=37 and By Grade Level=10 Q27 1 2. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for faculty/staff? Yes A. No Numerator: Respondents who answered A for Q27 1 2 Respondents who answered A for Q27 1 2, or B for Q27 1 2, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use in school buildings for faculty/staff Variable Label: Prohibit tobacco use in school buildings for faculty/staff Threshold: All Schools=37 and By Grade Level=10 Q27 1 3. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for visitors? A. Yes B. No Numerator: Respondents who answered A for Q27 1 3 Respondents who answered A for Q27 1 3, or B for Q27 1 3, or B for Q24 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use in school buildings for visitors Variable Label: Prohibit tobacco use in school buildings for visitors Threshold: All Schools=37 and By Grade Level=10

Q27_2_1. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields, for students?

A. Yes B. No

Numerator: Respondents who answered A for Q27 2 1

Denominator: Respondents who answered A for Q27_2_1, or B for Q27_2_1, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields, for students

Variable Label: Prohibit tobacco use outside on school grounds for students

Threshold: All Schools=37 and By Grade Level=10

Q27_2_2. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields, for faculty/staff?

A. Yes B. No

Numerator: Respondents who answered A for Q27 2 2

Denominator: Respondents who answered A for Q27 2 2, or B for Q27 2 2, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields, for faculty/staff

Variable Label: Prohibit tobacco use outside on school grounds for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q27_2_3. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields, for visitors?

A. Yes B. No

Numerator: Respondents who answered A for Q27 2 3

Denominator: Respondents who answered A for Q27 2 3, or B for Q27 2 3, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields, for visitors

Variable Label: Prohibit tobacco use outside on school grounds for visitors

Q27_3_1. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for students?

A. Yes B. No

Numerator: Respondents who answered A for Q27 3 1

Denominator: Respondents who answered A for Q27_3_1, or B for Q27_3_1, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students

for students

Variable Label: Prohibit tobacco use on school buses for students

Threshold: All Schools=37 and By Grade Level=10

Q27_3_2. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for faculty/staff?

A. Yes B. No

Numerator: Respondents who answered A for Q27 3 2

Denominator: Respondents who answered A for Q27 3 2, or B for Q27 3 2, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students

for faculty/staff

Variable Label: Prohibit tobacco use on school buses for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q27_3_3. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for visitors?

A. Yes B. No

Numerator: Respondents who answered A for Q27 3 3

Denominator: Respondents who answered A for Q27 3 3, or B for Q27 3 3, or B for Q24

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students

for visitors

Variable Label: Prohibit tobacco use on school buses for visitors

Q27 4 1. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for students?

> Yes A. В. No

Respondents who answered A for Q27 4 1 Numerator:

Denominator: Respondents who answered A for Q27_4_1, or B for Q27_4_1, or B for Q24

Percentage of schools that have a tobacco-use prevention policy that specifically Summary text:

prohibits tobacco use at off-campus, school-sponsored events for students

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for students

Threshold: All Schools=37 and By Grade Level=10

Q27 4 2. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for faculty/staff?

> Yes A.

No B.

Respondents who answered A for Q27 4 2 Numerator:

Respondents who answered A for Q27 4 2, or B for Q27 4 2, or B for Q24 Denominator:

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use at off-campus, school-sponsored events for faculty/staff

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q27 4 3. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for visitors?

> A. Yes

В. No

Numerator: Respondents who answered A for Q27 4 3

Respondents who answered A for Q27 4 3, or B for Q27 4 3, or B for Q24 Denominator:

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use at off-campus, school-sponsored events for visitors

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for visitors

Q28_1. When students are caught using electronic vapor products, how often does your school issue a warning to the student?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 1

Denominator: Respondents who answered A, B, C, or D for Q28_1

Summary text: Percentage of schools that FREQUENCY issue a warning to the student when

students are caught using electronic vapor products. For example, (Never). Percentage of schools that never issue a warning to the student when students are

caught using electronic vapor products.

Variable label: Issue warning to student for EVP use Threshold: All Schools=55 and By Grade Level=19

Q28_2. When students are caught using electronic vapor products, how often does your school confiscate the product?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 2

Denominator: Respondents who answered A, B, C, or D for Q28 2

Summary text: Percentage of schools that FREQUENCY confiscate the product when students are

caught using electronic vapor products. For example, (Never). Percentage of schools that never confiscate the product when students are caught using electronic

vapor products.

Variable label: Confiscate product for EVP use

Q28_3. When students are caught using electronic vapor products, how often does your school notify parents or guardians?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 3

Denominator: Respondents who answered A, B, C, or D for Q28 3

Summary text: Percentage of schools that FREQUENCY notify parents or guardians when students

are caught using electronic vapor products. For example, (Never). Percentage of schools that never notify parents or guardians when students are caught using

electronic vapor products.

Variable label: Notify parents or guardians for EVP use Threshold: All Schools=55 and By Grade Level=19

Q28_4. When students are caught using electronic vapor products, how often does your school develop a behavior contract with the student?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 4

Denominator: Respondents who answered A, B, C, or D for Q28 4

Summary text: Percentage of schools that FREQUENCY develop a behavior contract with the

student when students are caught using electronic vapor products. For example, (Never). Percentage of schools that never develop a behavior contract with the

student when students are caught using electronic vapor products.

Variable label: Develop a behavior contract with the student for EVP use

Q28_5. When students are caught using electronic vapor products, how often does your school refer to a school counselor?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28_5

Denominator: Respondents who answered A, B, C, or D for Q28_5

Summary text: Percentage of schools that FREQUENCY refer to a school counselor when students

are caught using electronic vapor products. For example, (Never). Percentage of schools that never refer to a school counselor when students are caught using

electronic vapor products.

Variable label: Refer to a school counselor for EVP use Threshold: All Schools=55 and By Grade Level=19

Q28_6. When students are caught using electronic vapor products, how often does your school refer to a school administrator?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 6

Denominator: Respondents who answered A, B, C, or D for Q28 6

Summary text: Percentage of schools that FREQUENCY refer to a school administrator when

students are caught using electronic vapor products. For example, (Never). Percentage of schools that never refer to a school administrator when students are

caught using electronic vapor products.

Variable label: Refer to a school administrator for EVP use Threshold: All Schools=55 and By Grade Level=19

Q28_7. When students are caught using electronic vapor products, how often does your school refer to an assistance, education, or cessation program?

A. NeverB. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 7

Denominator: Respondents who answered A, B, C, or D for Q28_7

Summary text: Percentage of schools that FREQUENCY refer to an assistance, education, or

cessation program when students are caught using electronic vapor products. *For example,* (Never). Percentage of schools that never refer to an assistance, education, or cessation program when students are caught using electronic vapor products.

Variable label: Refer to an assistance, education, or cessation program for EVP use

Threshold: All Schools=55 and By Grade Level=19

Q28_8. When students are caught using electronic vapor products, how often does your school refer to legal authorities (e.g., school resource officer)?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 8

Denominator: Respondents who answered A, B, C, or D for Q28 8

Summary text: Percentage of schools that FREQUENCY refer to legal authorities (e.g., school

resource officer) when students are caught using electronic vapor products. For example, (Never). Percentage of schools that never refer to legal authorities (e.g., school resource officer) when students are caught using electronic vapor products.

Variable label: Refer to legal authorities for EVP use Threshold: All Schools=55 and By Grade Level=19

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Q28_9. When students are caught using electronic vapor products, how often does your school issue an in-school suspension (half day or full day)?

A. NeverB. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 9

Denominator: Respondents who answered A, B, C, or D for Q28 9

Summary text: Percentage of schools that FREQUENCY issue an in-school suspension (half day

or full day) when students are caught using electronic vapor products. *For example*, (Never). Percentage of schools that never issue an in-school suspension (half day or

full day) when students are caught using electronic vapor products.

Variable label: Issue an in-school suspension for EVP use Threshold: All Schools=55 and By Grade Level=19

Q28_10. When students are caught using electronic vapor products, how often does your school issue an after-school or weekend detention?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 10

Denominator: Respondents who answered A, B, C, or D for Q28 10

Summary text: Percentage of schools that FREQUENCY issue an after-school or weekend

detention when students are caught using electronic vapor products. *For example*, (Never). Percentage of schools that never issue an after-school or weekend detention

when students are caught using electronic vapor products.

Variable label: Issue an after-school or weekend detention for EVP use

Q28_11. When students are caught using electronic vapor products, how often does your school issue an out-of-school suspension?

A. Never B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28_11

Denominator: Respondents who answered A, B, C, or D for Q28_11

Summary text: Percentage of schools that FREQUENCY issue an out-of-school suspension when

students are caught using electronic vapor products. For example, (Never). Percentage of schools that never issue an out-of-school suspension when students

are caught using electronic vapor products.

Variable label: Issue an out-of-school suspension for EVP use

Threshold: All Schools=55 and By Grade Level=19

Q28_12. When students are caught using electronic vapor products, how often does your school expel from school?

A. Never

B. Rarely

C. Sometimes

D. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28 12

Denominator: Respondents who answered A, B, C, or D for Q28 12

Summary text: Percentage of schools that FREQUENCY expel from school when students are

caught using electronic vapor products. For example, (Never). Percentage of schools that never expel from school when students are caught using electronic

vapor products.

Variable label: Expel from school for EVP use

Q29. When foods or beverages are offered at school celebrations, how often are fruits or non-fried vegetables offered?

A. Foods or beverages are not offered at school celebrations

B. Never

C. Rarely

D. Sometimes

E. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator

includes respondents who answered A for Q29

Denominator: Respondents who answered A, B, C, D, or E for Q29

Summary text: Percentage of schools that FREQUENCY offer fruits or non-fried vegetables at

school celebrations when foods or beverages are offered. For example, (Never). Percentage of schools that never offer fruits or non-fried vegetables at school

celebrations when foods or beverages are offered.

Variable label: Fruits/veg offered during celebrations
Threshold: All Schools=55 and By Grade Level=19

Q30. Can students purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar?

A. Yes

B. No → Skip to Question 32

Numerator: Respondents who answered A for Q30 Denominator: Respondents who answered A or B for Q30

Summary text: Percentage of schools in which students can purchase snack foods or beverages from

one or more vending machines at the school or at a school store, canteen, or snack

bar

Variable label: Purchase from vending machines

Threshold: All Schools=55 and By Grade Level=19

Q31_1. Can students purchase chocolate candy from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q31 1

Denominator: Respondents who answered A for Q31 1, or B for Q31 1, or B for Q30

Summary text: Percentage of schools in which students can purchase chocolate candy from vending

machines or at the school store, canteen, or snack bar

Variable label: Students can purchase chocolate candy at school

Q31_2. Can students purchase other kinds of candy from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 2

Denominator: Respondents who answered A for Q31 2, or B for Q31 2, or B for Q30

Summary text: Percentage of schools in which students can purchase other kinds of candy from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase other kinds of candy at school

Threshold: All Schools=37 and By Grade Level=10

Q31_3. Can students purchase salty snacks that are not low in fat (e.g., regular potato chips) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 3

Denominator: Respondents who answered A for Q31 3, or B for Q31 3, or B for Q30

Summary text: Percentage of schools in which students can purchase salty snacks that are not low

in fat (e.g., regular potato chips) from vending machines or at the school store,

canteen, or snack bar

Variable label: Students can purchase salty, not low in fat snacks at school

Threshold: All Schools=37 and By Grade Level=10

Q31_4. Can students purchase low sodium or "no added salt" pretzels, crackers, or chips from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 4

Denominator: Respondents who answered A for Q31 4, or B for Q31 4, or B for Q30

Summary text: Percentage of schools in which students can purchase low sodium or "no added salt"

pretzels, crackers, or chips from vending machines or at the school store, canteen,

or snack bar

Variable label: Students can purchase low sodium snacks at school

Q31_5. Can students purchase cookies, crackers, cakes, pastries, or other baked goods that are not low in fat from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 5

Denominator: Respondents who answered A for Q31 5, or B for Q31 5, or B for Q30

Summary text: Percentage of schools in which students can purchase cookies, crackers, cakes,

pastries, or other baked goods that are not low in fat from vending machines or at

the school store, canteen, or snack bar

Variable label: Students can purchase not low in fat cookies or other baked goods at school

Threshold: All Schools=37 and By Grade Level=10

Q31_6. Can students purchase ice cream or frozen yogurt that is not low in fat from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 6

Denominator: Respondents who answered A for Q31_6, or B for Q31_6, or B for Q30

Summary text: Percentage of schools in which students can purchase ice cream or frozen yogurt

that is not low in fat from vending machines or at the school store, canteen, or snack

bar

Variable label: Students can purchase not low in fat ice cream at school

Threshold: All Schools=37 and By Grade Level=10

Q31_7. Can students purchase 2% or whole milk (plain or flavored) from vending machines or at the school store, canteen, or snack bar?

A. YesB. No

Numerator: Respondents who answered A for Q31 7

Denominator: Respondents who answered A for Q31 7, or B for Q31 7, or B for Q30

Summary text: Percentage of schools in which students can purchase 2% or whole milk (plain or

flavored) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase 2% or whole milk at school

Q31_8. Can students purchase nonfat or 1% (low-fat) milk (plain) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 8

Denominator: Respondents who answered A for Q31_8, or B for Q31_8, or B for Q30

Summary text: Percentage of schools in which students can purchase nonfat or 1% (low-fat) milk

(plain) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase nonfat or 1% milk at school

Threshold: All Schools=37 and By Grade Level=10

Q31_9. Can students purchase water ices or frozen slushes that do not contain juice from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 9

Denominator: Respondents who answered A for Q31 9, or B for Q31 9, or B for Q30

Summary text: Percentage of schools in which students can purchase water ices or frozen slushes

that do not contain juice from vending machines or at the school store, canteen, or

snack bar

Variable label: Students can purchase water ices that do not contain juice at school

Threshold: All Schools=37 and By Grade Level=10

Q31_10. Can students purchase soda pop or fruit drinks that are not 100% juice from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q31 10

Denominator: Respondents who answered A for Q31_10, or B for Q31_10, or B for Q30

Summary text: Percentage of schools in which students can purchase soda pop or fruit drinks that

are not 100% juice from vending machines or at the school store, canteen, or snack

bar

Variable label: Students can purchase soda pop or fruit drinks that are not 100% juice at school

Q31 11. Can students purchase sports drinks (e.g., Gatorade) from vending machines or at the school store, canteen, or snack bar? Yes A. В. No Numerator: Respondents who answered A for Q31 11 Respondents who answered A for Q31 11, or B for Q31 11, or B for Q30 Denominator: Percentage of schools in which students can purchase sports drinks (e.g., Gatorade) Summary text: from vending machines or at the school store, canteen, or snack bar Variable label: Students can purchase sports drinks at school Threshold: All Schools=37 and By Grade Level=10 Q31 12. Can students purchase energy drinks (e.g., Red Bull, Monster) from vending machines or at the school store, canteen, or snack bar? A. Yes B. No Respondents who answered A for Q31 12 Numerator: Denominator: Respondents who answered A for Q31 12, or B for Q31 12, or B for Q30 Summary text: Percentage of schools in which students can purchase energy drinks (e.g., Red Bull, Monster) from vending machines or at the school store, canteen, or snack bar Students can purchase energy drinks at school Variable label: Threshold: All Schools=37 and By Grade Level=10 Q31 13. Can students purchase plain water, with or without carbonation (e.g., Dasani, Aquafina, Smart Water) from vending machines or at the school store, canteen, or snack bar? A. Yes B. No Numerator: Respondents who answered A for Q31 13 Respondents who answered A for Q31 13, or B for Q31 13, or B for Q30 Denominator: Summary text: Percentage of schools in which students can purchase plain water, with or without carbonation (e.g., Dasani, Aquafina, Smart Water) from vending machines or at the school store, canteen, or snack bar Students can purchase plain water, with or without carbonation, at school Variable label: Threshold: All Schools=37 and By Grade Level=10

Q31_14. Can students purchase calorie-free, flavored water, with or without carbonation (e.g., Dasani Flavors, Aquafina FlavorSplash) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 14

Denominator: Respondents who answered A for Q31 14, or B for Q31 14, or B for Q30

Summary text: Percentage of schools in which students can purchase calorie-free, flavored water,

with or without carbonation (e.g., Dasani Flavors, Aquafina FlavorSplash) from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase calorie-free, flavored water, with or without carbonation, at

school

Threshold: All Schools=37 and By Grade Level=10

Q31_15. Can students purchase 100% fruit or vegetable juice from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31_15

Denominator: Respondents who answered A for Q31 15, or B for Q31 15, or B for Q30

Summary text: Percentage of schools in which students can purchase 100% fruit or vegetable juice

from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase 100% fruit/vegetable juice at school

Threshold: All Schools=37 and By Grade Level=10

Q31_16. Can students purchase foods or beverages containing caffeine from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 16

Denominator: Respondents who answered A for Q31 16, or B for Q31 16, or B for Q30

Summary text: Percentage of schools in which students can purchase foods or beverages containing

caffeine from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase caffeinated foods/beverages at school

Q31_17. Can students purchase fruits (not fruit juice) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 17

Denominator: Respondents who answered A for Q31 17, or B for Q31 17, or B for Q30

Summary text: Percentage of schools in which students can purchase fruits (not fruit juice) from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase fruits at school Threshold: All Schools=37 and By Grade Level=10

Q31_18. Can students purchase non-fried vegetables (not vegetable juice) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q31 18

Denominator: Respondents who answered A for Q31 18, or B for Q31 18, or B for Q30

Summary text: Percentage of schools in which students can purchase non-fried vegetables (not

vegetable juice) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase non-fried vegetables at school

Threshold: All Schools=37 and By Grade Level=10

Q32_1. During this school year, has your school priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages?

A. Yes B. No

Numerator: Respondents who answered A for Q32_1 Denominator: Respondents who answered A or B for Q32_1

Summary text: Percentage of schools that priced nutritious foods and beverages at a lower cost

while increasing the price of less nutritious foods and beverages during the current

school year

Variable label: Priced foods and beverages based on nutritious value

Q32_2. During this school year, has your school collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating?

A. Yes B. No

Numerator: Respondents who answered A for Q32_2 Denominator: Respondents who answered A or B for Q32_2

Summary text: Percentage of schools that collected suggestions from students, families, and school

staff on nutritious food preferences and strategies to promote healthy eating during

the current school year

Variable label: Collected suggestions on nutritious food preferences

Threshold: All Schools=55 and By Grade Level=19

Q32_3. During this school year, has your school provided information to students or families on the nutrition and caloric content of foods available?

A. Yes B. No

Numerator: Respondents who answered A for Q32_3
Denominator: Respondents who answered A or B for Q32_3

Summary text: Percentage of schools that provided information to students or families on the

nutrition and caloric content of foods available during the current school year

Variable label: Provided information on nutrition and caloric content of foods

Threshold: All Schools=55 and By Grade Level=19

Q32_4. During this school year, has your school conducted taste tests to determine food preferences for nutritious items?

A. Yes B. No

Numerator: Respondents who answered A for Q32_4
Denominator: Respondents who answered A or B for Q32_4

Summary text: Percentage of schools that conducted taste tests to determine food preferences for

nutritious items during the current school year

Variable label: Conducted taste tests to determine food preferences for nutritious items

Threshold: All Schools=55 and By Grade Level=19

Q32_5. During this school year, has your school served locally or regionally grown foods in the cafeteria or classrooms?

A. Yes B. No

Numerator: Respondents who answered A for Q32_5
Denominator: Respondents who answered A or B for Q32_5

Summary text: Percentage of schools that served locally or regionally grown foods in the cafeteria

or classrooms during the current school year

Variable label: Served locally grown foods in cafeteria or classrooms

Q32 6. During this school year, has your school planted a school food or vegetable garden?

A. Yes B. No

Numerator: Respondents who answered A for Q32_6
Denominator: Respondents who answered A or B for Q32_6

Summary text: Percentage of schools that planted a school food or vegetable garden during the

current school year

Variable label: Planted a school food or vegetable garden Threshold: All Schools=55 and By Grade Level=19

Q32_7. During this school year, has your school placed fruits and vegetables near the cafeteria cashier, where they are easy to access?

A. Yes B. No

Numerator: Respondents who answered A for Q32_7
Denominator: Respondents who answered A or B for Q32_7

Summary text: Percentage of schools that placed fruits and vegetables near the cafeteria cashier,

where they are easy to access during the current school year

Variable label: Placed fruits and vegetables near cafeteria cashier

Threshold: All Schools=55 and By Grade Level=19

Q32_8. During this school year, has your school used attractive displays for fruits and vegetables in the cafeteria?

A. YesB. No

Numerator: Respondents who answered A for Q32_8
Denominator: Respondents who answered A or B for Q32_8

Summary text: Percentage of schools that used attractive displays for fruits and vegetables in the

cafeteria during the current school year

Variable label: Used attractive displays for fruits and vegetables in cafeteria

Threshold: All Schools=55 and By Grade Level=19

Q32 9. During this school year, has your school offered a self-serve salad bar to students?

A. Yes B. No

Numerator: Respondents who answered A for Q32_9
Denominator: Respondents who answered A or B for Q32_9

Summary text: Percentage of schools that offered a self-serve salad bar to students during the

current school year

Variable label: Offered self-serve salad bar to students Threshold: All Schools=55 and By Grade Level=19

Q32_10. During this school year, has your school provided students with at least 20 minutes to eat lunch after they receive their meal?

A. Yes B. No

Numerator: Respondents who answered A for Q32_10 Denominator: Respondents who answered A or B for Q32_10

Summary text: Percentage of schools that provided students with at least 20 minutes to eat lunch

after they receive their meal during the current school year

Variable label: Provided students with at least 20 minutes to eat lunch

Threshold: All Schools=55 and By Grade Level=19

Q32 11. During this school year, has your school encouraged students to drink plain water?

A. Yes B. No

Numerator: Respondents who answered A for Q32_11
Denominator: Respondents who answered A or B for Q32_11

Summary text: Percentage of schools that have encouraged students to drink plain water during the

current school year

Variable label: Encouraged students to drink plain water Threshold: All Schools=55 and By Grade Level=19

Q32_12. During this school year, has your school prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance?

A. Yes B. No

Numerator: Respondents who answered A for Q32_12
Denominator: Respondents who answered A or B for Q32_12

Summary text: Percentage of schools that have prohibited school staff from giving students food or

food coupons as a reward for good behavior or good academic performance during

the current school year

Variable label: Prohibited school staff from giving students food or food coupons as a reward

Threshold: All Schools=55 and By Grade Level=19

Q32_13. During this school year, has your school prohibited less nutritious foods and beverages (e.g., candy, baked goods) from being sold for fundraising purposes?

A. Yes B. No

Numerator: Respondents who answered A for Q32_13
Denominator: Respondents who answered A or B for Q32_13

Summary text: Percentage of schools that have prohibited less nutritious foods and beverages (e.g.,

candy, baked goods) from being sold for fundraising purposes during the current

school year

Variable label: Prohibited selling less nutritious foods and beverages for fundraising

Q33_1. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in school buildings?

A. YesB. No

Numerator: Respondents who answered A for Q33_1 Denominator: Respondents who answered A or B for Q33_1

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants,

or soft drinks in school buildings

Variable Label: Prohibit advertising in school buildings
Threshold: All Schools=55 and By Grade Level=19

Q33_2. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks on school grounds including on the outside of the school building, on playing fields, or other areas of the campus?

A. Yes B. No

Numerator: Respondents who answered A for Q33_2 Denominator: Respondents who answered A or B for Q33_2

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants,

or soft drinks on school grounds including on the outside of the school building, on

playing fields, or other areas of the campus

Variable label: Prohibit advertising on school grounds Threshold: All Schools=55 and By Grade Level=19

Q33_3. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks on school buses or other vehicles used to transport students?

A. Yes B. No

Numerator: Respondents who answered A for Q33_3 Denominator: Respondents who answered A or B for Q33_3

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants,

or soft drinks on school buses or other vehicles used to transport students

Variable label: Prohibit advertising on school buses
Threshold: All Schools=55 and By Grade Level=19

Q33_4. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in school publications (e.g., newsletters, newspapers, web sites, other school publications)?

A. Yes B. No

Numerator: Respondents who answered A for Q33_4
Denominator: Respondents who answered A or B for Q33_4

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants,

or soft drinks in school publications (e.g., newsletters, newspapers, web sites, other

school publications)

Variable label: Prohibit advertising in school publications
Threshold: All Schools=55 and By Grade Level=19

Q33_5. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in curricula or other educational materials (including assignment books, school supplies, book covers, and electronic media)?

A. Yes B. No

Numerator: Respondents who answered A for Q33_5
Denominator: Respondents who answered A or B for Q33_5

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants,

or soft drinks in curricula or other educational materials (including assignment

books, school supplies, book covers, and electronic media)

Variable label: Prohibit advertising in curricula or other educational materials

Threshold: All Schools=55 and By Grade Level=19

Q34. Are students permitted to have a drinking water bottle with them during the school day?

A. Yes, in all locations

B. Yes, in certain locations

C. No

Numerator: Respondents who answered A or B for Q34
Denominator: Respondents who answered A, B, or C for Q34

Summary text: Percentage of schools that permit students to have a drinking water bottle with them

during the school day

Variable label: Drinking water bottle

Q35 1. Does your school offer a free source of drinking water in the cafeteria during breakfast?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q35 1

Denominator: Respondents who answered A or B for Q35 1. Respondents who answered C for

Q35 1 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in the cafeteria

during breakfast*

Footnote: *Among schools with that location.

Variable label: Drinking water in cafeteria during breakfast Threshold: All Schools=55 and By Grade Level=19

Q35 2. Does your school offer a free source of drinking water in the cafeteria during lunch?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q35 2

Denominator: Respondents who answered A or B for Q35 2. Respondents who answered C for

O35 2 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in the cafeteria

during lunch*

Footnote: *Among schools with that location.

Variable label: Drinking water in cafeteria during lunch

Threshold: All Schools=55 and By Grade Level=19

Q35_3. Does your school offer a free source of drinking water in the gymnasium or other indoor physical activity facilities?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q35 3

Denominator: Respondents who answered A or B for Q35 3. Respondents who answered C for

Q35 3 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in the gymnasium

or other indoor physical activity facilities*

Footnote: *Among schools with that location. Variable label: Drinking water in gymnasium

Q35_4. Does your school offer a free source of drinking water in outdoor physical activity facilities or sports fields?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q35 4

Denominator: Respondents who answered A or B for Q35_4. Respondents who answered C for

Q35 4 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in outdoor physical

activity facilities or sports fields*

Footnote: *Among schools with that location.

Variable label: Drinking water in outdoor physical activity facilities

Threshold: All Schools=55 and By Grade Level=19

Q35_5. Does your school offer a free source of drinking water in hallways throughout the school?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q35 5

Denominator: Respondents who answered A or B for Q35 5. Respondents who answered C for

O35 5 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in hallways

throughout the school*

Footnote: *Among schools with that location.

Variable label: Drinking water in school hallways

Threshold: All Schools=55 and By Grade Level=19

Q36. Is there a full-time registered nurse who provides health services to students at your school? (A full-time nurse means that a nurse is at the school during all school hours, 5 days per week.)

A. Yes B. No

Numerator: Respondents who answered A for Q36
Denominator: Respondents who answered A or B for Q36

Summary text: Percentage of schools that have a full-time registered nurse who provides health

services to students

Variable label: Full-time nurse at school

Q37. Is there a part-time registered nurse who provides health services to students at your school? (A part-time nurse means that a nurse is at the school less than 5 days a week, less than all school hours, or both.)

A. Yes B. No

Numerator: Respondents who answered A for Q37
Denominator: Respondents who answered A or B for 3M

Summary text: Percentage of schools that have a part-time registered nurse who provides health

services to students

Variable label: Part-time nurse at school

Threshold: All Schools=55 and By Grade Level=19

Q38. Does your school have a school-based health center that offers health services to students? (School-based health centers are places on school campus where enrolled students can receive primary care, including diagnostic and treatment services. These services are usually provided by a nurse practitioner or physician's assistant.)

A. Yes B. No

Numerator: Respondents who answered A for Q38
Denominator: Respondents who answered A or B for Q38

Summary text: Percentage of schools that have a school-based health center that offers health

services to students

Variable label: School-based health center

Threshold: All Schools=55 and By Grade Level=19

Q39 1. Does your school provide HIV testing to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_1
Denominator: Respondents who answered A or B for Q39_1

Summary text: Percentage of schools that provide HIV testing to students

Variable label: Provide HIV testing

Threshold: All Schools=55 and By Grade Level=19

Q39_2. Does your school provide HIV treatment (ongoing medical care for persons living with HIV) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_2 Denominator: Respondents who answered A or B for Q39_2

Summary text: Percentage of schools that provide HIV treatment (ongoing medical care for persons

living with HIV) to students

Variable label: Provide HIV treatment

Q39_3. Does your school provide STD testing to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_3
Denominator: Respondents who answered A or B for Q39_3

Summary text: Percentage of schools that provide STD testing to students

Variable label: Provide STD testing

Threshold: All Schools=55 and By Grade Level=19

Q39 4. Does your school provide STD treatment to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_4
Denominator: Respondents who answered A or B for Q39_4

Summary text: Percentage of schools that provide STD treatment to students

Variable label: Provide STD treatment

Threshold: All Schools=55 and By Grade Level=19

Q39_5. Does your school provide pregnancy testing to students?

A. YesB. No

Numerator: Respondents who answered A for Q39_5
Denominator: Respondents who answered A or B for Q39_5

Summary text: Percentage of schools that provide pregnancy testing to students

Variable label: Provide pregnancy testing

Threshold: All Schools=55 and By Grade Level=19

Q39 6. Does your school provide condoms to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_6
Denominator: Respondents who answered A or B for Q39_6

Summary text: Percentage of schools that provide condoms to students

Variable label: Provide condoms

Q39_7. Does your school provide condom-compatible lubricants (i.e., water- or silicone-based) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_7
Denominator: Respondents who answered A or B for Q39_7

Summary text: Percentage of schools that provide condom-compatible lubricants (i.e., water- or

silicone-based) to students

Variable label: Provide condom-compatible lubricants
Threshold: All Schools=55 and By Grade Level=19

Q39_8. Does your school provide contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD]) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_8
Denominator: Respondents who answered A or B for Q39_8

Summary text: Percentage of schools that provide contraceptives other than condoms (e.g., birth

control pill, birth control shot, intrauterine device [IUD]) to students

Variable label: Provide contraceptives other than condoms Threshold: All Schools=55 and By Grade Level=19

Q39 9. Does your school provide prenatal care to students?

A. YesB. No

Numerator: Respondents who answered A for Q39_9
Denominator: Respondents who answered A or B for Q39_9

Summary text: Percentage of schools that provide prenatal care to students

Variable label: Provide prenatal care

Threshold: All Schools=55 and By Grade Level=19

Q39 10. Does your school provide human papillomavirus (HPV) vaccine administration to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_10 Denominator: Respondents who answered A or B for Q39_10

Summary text: Percentage of schools that provide human papillomavirus (HPV) vaccine

administration to students

Variable label: Provide HPV vaccine administration
Threshold: All Schools=55 and By Grade Level=19

Q39_11. Does your school provide assessment for alcohol or other drug use, abuse, or dependency to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_11
Denominator: Respondents who answered A or B for Q39_11

Summary text: Percentage of schools that provide assessment for alcohol or other drug use, abuse,

or dependency to students

Variable label: Provide assessment for alcohol or other drug use, abuse, or dependency

Threshold: All Schools=55 and By Grade Level=19

Q39_12. Does your school provide tobacco-use cessation (e.g., individual or group counseling) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_12
Denominator: Respondents who answered A or B for Q39_12

Summary text: Percentage of schools that provide tobacco-use cessation (e.g., individual or group

counseling) to students

Variable label: Provide tobacco-use cessation (e.g., individual or group counseling)

Threshold: All Schools=55 and By Grade Level=19

Q39_13. Does your school provide daily medication administration for students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes B. No

Numerator: Respondents who answered A for Q39_13
Denominator: Respondents who answered A or B for Q39_13

Summary text: Percentage of schools that provide daily medication administration for students with

chronic health conditions (e.g., asthma, diabetes)

Variable label: Provide daily medication administration for students with chronic health

conditions

Q39_14. Does your school provide stock rescue or "as needed" medication for any student experiencing a health emergency (e.g., asthma episode, severe allergic reaction)?

A. Yes B. No

Numerator: Respondents who answered A for Q39_14
Denominator: Respondents who answered A or B for Q39_14

Summary text: Percentage of schools that provide stock rescue or "as needed" medication for any

student experiencing a health emergency (e.g., asthma episode, severe allergic

reaction)

Variable label: Provide stock rescue or "as needed" medication for any student experiencing a

health emergency

Threshold: All Schools=55 and By Grade Level=19

Q39_15. Does your school provide case management for students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes B. No

Numerator: Respondents who answered A for Q39_15
Denominator: Respondents who answered A or B for Q39_15

Summary text: Percentage of schools that provide case management for students with chronic

health conditions (e.g., asthma, diabetes)

Variable label: Provide case management for students with chronic health conditions

Threshold: All Schools=55 and By Grade Level=19

Q40_1. Does your school provide students with referrals to any organizations or health care professionals not on school property for HIV testing?

A. Yes B. No

Numerator: Respondents who answered A for Q40_1 Denominator: Respondents who answered A or B for Q40_1

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for HIV testing

Variable label: Referral for HIV testing

Q40_2. Does your school provide students with referrals to any organizations or health care professionals not on school property for HIV treatment (ongoing medical care for persons living with HIV)?

A. Yes B. No

Numerator: Respondents who answered A for Q40_2 Denominator: Respondents who answered A or B for Q40_2

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for HIV treatment (ongoing medical

care for persons living with HIV)

Variable label: Referral for HIV treatment

Threshold: All Schools=55 and By Grade Level=19

Q40_3. Does your school provide students with referrals to any organizations or health care professionals not on school property for nPEP (non-occupational post-exposure prophylaxis for HIV—a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)?

A. Yes B. No

Numerator: Respondents who answered A for Q40_3 Denominator: Respondents who answered A or B for Q40_3

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for nPEP (non-occupational post-exposure prophylaxis for HIV—a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)

Variable label: Referral for nPEP

Threshold: All Schools=55 and By Grade Level=19

Q40_4. Does your school provide students with referrals to any organizations or health care professionals not on school property for PrEP (pre-exposure prophylaxis for HIV—medication taken daily to prevent HIV infection for those at substantial risk for HIV)?

A. Yes B. No

Numerator: Respondents who answered A for Q40_4
Denominator: Respondents who answered A or B for Q40_4

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for PrEP (pre-exposure prophylaxis for HIV—medication taken daily to prevent HIV infection for those at substantial

risk for HIV)

Variable label: Referral for PrEP

Q40_5. Does your school provide students with referrals to any organizations or health care professionals not on school property for STD testing?

A. Yes B. No

Numerator: Respondents who answered A for Q40_5 Denominator: Respondents who answered A or B for Q40_5

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for STD testing

Variable label: Referral for STD testing

Threshold: All Schools=55 and By Grade Level=19

Q40_6. Does your school provide students with referrals to any organizations or health care professionals not on school property for STD treatment?

A. Yes B. No

Numerator: Respondents who answered A for Q40_6
Denominator: Respondents who answered A or B for Q40_6

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for STD treatment

Variable label: Referral for STD treatment

Threshold: All Schools=55 and By Grade Level=19

Q40_7. Does your school provide students with referrals to any organizations or health care professionals not on school property for pregnancy testing?

A. Yes B. No

Numerator: Respondents who answered A for Q40_7
Denominator: Respondents who answered A or B for Q40_7

Summary text: Percenage of schools that provide students with referrals to any organizations or

health care professionals not on school property for pregnancy testing

Variable label: Referral for pregnancy testing

Threshold: All Schools=55 and By Grade Level=19

Q40_8. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of condoms?

A. Yes B. No

Numerator: Respondents who answered A for Q40_8
Denominator: Respondents who answered A or B for Q40_8

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of condoms

Variable label: Referral for provision of condoms

Q40_9. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of condom-compatible lubricants (i.e., water- or silicone-based)?

A. Yes B. No

Numerator: Respondents who answered A for Q40_9
Denominator: Respondents who answered A or B for Q40_9

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of condom-

compatible lubricants (i.e., water- or silicone-based)

Variable label: Referral for condom-compatible lubricants Threshold: All Schools=55 and By Grade Level=19

Q40_10. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])?

A. Yes B. No

Numerator: Respondents who answered A for Q40_10 Denominator: Respondents who answered A or B for Q40_10

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device

(IUDI)

Variable label: Referral for contraceptives other than condoms

Threshold: All Schools=55 and By Grade Level=19

Q40_11. Does your school provide students with referrals to any organizations or health care professionals not on school property for prenatal care?

A. Yes B. No

Numerator: Respondents who answered A for Q40_11
Denominator: Respondents who answered A or B for Q40_11

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for prenatal care

Variable label: Referral for prenatal care

Q40_12. Does your school provide students with referrals to any organizations or health care professionals not on school property for human papillomavirus (HPV) vaccine administration?

A. Yes B. No

Numerator: Respondents who answered A for Q40_12
Denominator: Respondents who answered A or B for Q40_12

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for human papillomavirus (HPV)

vaccine administration

Variable label: Referral for HPV vaccine administration Threshold: All Schools=55 and By Grade Level=19

Q40_13. Does your school provide students with referrals to any organizations or health care professionals not on school property for alcohol or other drug abuse treatment?

A. Yes B. No

Numerator: Respondents who answered A for Q40_13
Denominator: Respondents who answered A or B for Q40_13

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for alcohol or other drug abuse

treatment

Variable label: Referral for alcohol or other drug abuse treatment

Threshold: All Schools=55 and By Grade Level=19

Q40_14. Does your school provide students with referrals to any organizations or health care professionals not on school property for tobacco-use cessation (e.g., individual or group counseling)?

A. Yes B. No

Numerator: Respondents who answered A for Q40_14
Denominator: Respondents who answered A or B for Q40_14

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for tobacco-use cessation (e.g.,

individual or group counseling)

Variable label: Referral for tobacco-use cessation
Threshold: All Schools=55 and By Grade Level=19

Q41. Does your school have a protocol that ensures students with a chronic condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs if eligible?

A. YesB. No

Numerator: Respondents who answered A for Q41
Denominator: Respondents who answered A or B for Q41

Summary text: Percentage of schools that have a protocol that ensures students with a chronic

condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs

if eligible

Variable label: Protocol for insurance programs

Threshold: All Schools=55 and By Grade Level=19

Q42_1. Does your school routinely use school records to identify and track students with a current diagnosis of asthma? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. YesB. No

Numerator: Respondents who answered A for Q42_1 Denominator: Respondents who answered A or B for Q42_1

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of asthma

Variable label: Track students with asthma

Threshold: All Schools=55 and By Grade Level=19

Q42_2. Does your school routinely use school records to identify and track students with a current diagnosis of food allergies? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_2 Denominator: Respondents who answered A or B for Q42_2

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of food allergies

Variable label: Track students with food allergies

Q42_3. Does your school routinely use school records to identify and track students with a current diagnosis of diabetes? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_3
Denominator: Respondents who answered A or B for Q42_3

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of diabetes

Variable label: Track students with diabetes

Threshold: All Schools=55 and By Grade Level=19

Q42_4. Does your school routinely use school records to identify and track students with a current diagnosis of epilepsy or seizure disorder? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_4
Denominator: Respondents who answered A or B for Q42_4

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of epilepsy or seizure disorder

Variable label: Track students with epilepsy or seizure disorder

Threshold: All Schools=55 and By Grade Level=19

Q42_5. Does your school routinely use school records to identify and track students with a current diagnosis of obesity? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_5
Denominator: Respondents who answered A or B for Q42_5

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of obesity

Variable label: Track students with obesity

Q42_6. Does your school routinely use school records to identify and track students with a current diagnosis of hypertension/high blood pressure? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_6
Denominator: Respondents who answered A or B for Q42_6

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of hypertension/high blood pressure

Variable label: Track students with hypertension/high blood pressure

Threshold: All Schools=55 and By Grade Level=19

Q42_7. Does your school routinely use school records to identify and track students with a current diagnosis of an oral health condition (e.g., abscess, tooth decay)? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes.

A. Yes B. No

Numerator: Respondents who answered A for Q42_7
Denominator: Respondents who answered A or B for Q42_7

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of an oral health condition (e.g., abscess, tooth decay)

Variable label: Track students with oral health condition Threshold: All Schools=55 and By Grade Level=19

Q43_1. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have asthma? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_1 Denominator: Respondents who answered A or B for Q43_1

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have asthma

Variable label: Refer students with asthma

Q43_2. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have food allergies? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_2 Denominator: Respondents who answered A or B for Q43_2

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have food allergies

Variable label: Refer students with food allergies
Threshold: All Schools=55 and By Grade Level=19

Q43_3. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have diabetes? Include referrals to school-based health centers, even if they are located on school property.

A. YesB. No

Numerator: Respondents who answered A for Q43_3
Denominator: Respondents who answered A or B for Q43_3

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have diabetes

Variable label: Refer students with diabetes

Threshold: All Schools=55 and By Grade Level=19

Q43_4. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have epilepsy or seizure disorder? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_4
Denominator: Respondents who answered A or B for Q43_4

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have epilepsy or seizure disorder

Variable label: Refer students with epilepsy or seizure disorder

Q43_5. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have obesity? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_5 Denominator: Respondents who answered A or B for Q43_5

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have obesity

Variable label: Refer students with obesity

Threshold: All Schools=55 and By Grade Level=19

Q43_6. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have hypertension/high blood pressure? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_6
Denominator: Respondents who answered A or B for Q43_6

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have hypertension/high blood pressure

Variable label: Refer students with hypertension/high blood pressure

Threshold: All Schools=55 and By Grade Level=19

Q43_7. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have an oral health condition (e.g., abscess, tooth decay)? Include referrals to school-based health centers, even if they are located on school property.

A. Yes B. No

Numerator: Respondents who answered A for Q43_7
Denominator: Respondents who answered A or B for Q43_7

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to

have an oral health condition (e.g., abscess, tooth decay)

Variable label: Refer students with oral health condition Threshold: All Schools=55 and By Grade Level=19

Q44_1. During the past two years, did any staff in your school receive professional development on basic sexual health overview including community-specific information about STD, HIV, and unplanned pregnancy rates and prevention strategies?

A. Yes B. No

Numerator: Respondents who answered A for Q44_1
Denominator: Respondents who answered A or B for Q44_1

Summary text: Percentage of schools in which any staff received professional development on

basic sexual health overview including community-specific information about STD, HIV, and unplanned pregnancy rates and prevention strategies during the

past two years

Variable label: Any staff prof dev on basic sexual health overview

Threshold: All Schools=55 and By Grade Level=19

Q44_2. During the past two years, did any staff in your school receive professional development on sexual health services that adolescents should receive?

A. Yes B. No

Numerator: Respondents who answered A for Q44_2
Denominator: Respondents who answered A or B for Q44_2

Summary text: Percentage of schools in which any staff received professional development on

sexual health services that adolescents should receive during the past two years

Variable label: Any staff prof dev on sexual health services that adolescents should receive

Threshold: All Schools=55 and By Grade Level=19

Q44_3. During the past two years, did any staff in your school receive professional development on laws and policies related to adolescent sexual health services, such as minor consent for sexual health services?

A. Yes B. No

Numerator: Respondents who answered A for Q44_3
Denominator: Respondents who answered A or B for Q44_3

Summary text: Percentage of schools in which any staff received professional development on

laws and policies related to adolescent sexual health services, such as minor

consent for sexual health services, during the past two years

Variable label: Any staff prof dev on laws/policies
Threshold: All Schools=55 and By Grade Level=19

Q44_4. During the past two years, did any staff in your school receive professional development on importance of maintaining student confidentiality for sexual health services?

A. Yes B. No

Numerator: Respondents who answered A for Q44_4
Denominator: Respondents who answered A or B for Q44_4

Summary text: Percentage of schools in which any staff received professional development on

importance of maintaining student confidentiality for sexual health services during

the past two years

Variable label: Any staff prof dev on student confidentiality Threshold: All Schools=55 and By Grade Level=19

Q44_5. During the past two years, did any staff in your school receive professional development on how to create or use a student referral guide for sexual health services?

A. Yes B. No

Numerator: Respondents who answered A for Q44_5
Denominator: Respondents who answered A or B for Q44_5

Summary text: Percentage of schools in which any staff received professional development on

how to create or use a student referral guide for sexual health services during the

past two years

Variable label: Any staff prof dev on creating/using student referral guide

Threshold: All Schools=55 and By Grade Level=19

Q44_6. During the past two years, did any staff in your school receive professional development on how to make successful referrals of students to sexual health services?

A. YesB. No

Numerator: Respondents who answered A for Q44_6
Denominator: Respondents who answered A or B for Q44_6

Summary text: Percentage of schools in which any staff received professional development on

how to make successful referrals of students to sexual health services during the

past two years

Variable label: Any staff prof dev on making successful referrals

Q44_7. During the past two years, did any staff in your school receive professional development on best practices for adolescent sexual health services provision, such as making services youth-friendly?

A. Yes B. No

Numerator: Respondents who answered A for Q44_7
Denominator: Respondents who answered A or B for Q44_7

Summary text: Percentage of schools in which any staff received professional development on

best practices for adolescent sexual health services provision, such as making

services youth-friendly, during the past two years

Variable label: Any staff prof dev on best practices for services provision

Threshold: All Schools=55 and By Grade Level=19

Q44_8. During the past two years, did any staff in your school receive professional development on ensuring sexual health services are inclusive of lesbian, gay, bisexual, and transgender students?

A. Yes B. No

Numerator: Respondents who answered A for Q44_8
Denominator: Respondents who answered A or B for Q44_8

Summary text: Percentage of schools in which any staff received professional development on

ensuring sexual health services are inclusive of lesbian, gay, bisexual, and

transgender students during the past two years Any staff prof dev on LGBT-inclusive services

Variable label: Any staff prof dev on LGBT-inclusive se Threshold: All Schools=55 and By Grade Level=19

Q45_1. Does your school provide universal mental health promotion programs (e.g., Positive Behavioral Interventions and Supports, Social-Emotional Learning programs or supports) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q45_1 Denominator: Respondents who answered A or B for Q45_1

Summary text: Percentage of schools that provide universal mental health promotion programs

(e.g., Positive Behavioral Interventions and Supports, Social-Emotional Learning

programs or supports) to students

Variable label: School provides universal mental health promotion programs

Q45_2. Does your school provide confidential mental health screening to identify students in need of services (e.g., students at risk of mental health disorders, students experiencing trauma)?

A. Yes B. No

Numerator: Respondents who answered A for Q45_2 Denominator: Respondents who answered A or B for Q45_2

Summary text: Percentage of schools that provide confidential mental health screening to identify

students in need of services (e.g., students at risk of mental health disorders,

students experiencing trauma)

Variable label: School provides confidential mental health screening

Threshold: All Schools=55 and By Grade Level=19

Q45_3. Does your school provide school-wide trauma-informed practices (i.e., efforts to ensure that all students, including those affected by trauma, are experiencing social, emotional, and educational success)?

A. Yes B. No

Numerator: Respondents who answered A for Q45_3
Denominator: Respondents who answered A or B for Q45_3

Summary text: Percentage of schools that provide school-wide trauma-informed practices (i.e.,

efforts to ensure that all students, including those affected by trauma, are

experiencing social, emotional, and educational success)

Variable label: School provides school-wide trauma-informed practices

Threshold: All Schools=55 and By Grade Level=19

Q45_4. Does your school provide cognitive behavioral therapy groups (e.g., for students with depression, anxiety, or other mental health disorders) for students?

A. Yes B. No

Numerator: Respondents who answered A for Q45_4
Denominator: Respondents who answered A or B for Q45_4

Summary text: Percentage of schools that provide cognitive behavioral therapy groups (e.g., for

students with depression, anxiety, or other mental health disorders) for students

Variable label: School provides cognitive behavioral therapy groups

Q45_5. Does your school provide pro-social skills training (e.g., school counseling groups) to students?

A. YesB. No

Numerator: Respondents who answered A for Q45_5
Denominator: Respondents who answered A or B for Q45_5

Summary text: Percentage of schools that provide pro-social skills training (e.g., school

counseling groups) to students

Variable label: School provides pro-social skills training Threshold: All Schools=55 and By Grade Level=19

Q45_6. Does your school provide small groups for specific issues (e.g., depression, parental divorce) for students?

A. Yes B. No

Numerator: Respondents who answered A for Q45_6
Denominator: Respondents who answered A or B for Q45_6

Summary text: Percentage of schools that provide small groups for specific issues (e.g.,

depression, parental divorce) for students

Variable label: School provides small groups for specific issues

Threshold: All Schools=55 and By Grade Level=19

Q46_1. During this school year, has your school provided parents with information to support parent-adolescent communication about sex?

A. Yes B. No

Numerator: Respondents who answered A for Q46_1 Denominator: Respondents who answered A or B for Q46_1

Summary text: Percentage of schools that have provided parents with information to support

parent-adolescent communication about sex during the current school year

Variable label: Support parent-adolescent communication about sex

Threshold: All Schools=55 and By Grade Level=19

Q46_2. During this school year, has your school provided parents with information to support parent-adolescent communication about topics other than sex?

A. Yes B. No

Numerator: Respondents who answered A for Q46_2 Denominator: Respondents who answered A or B for Q46_2

Summary text: Percentage of schools that have provided parents with information to support

parent-adolescent communication about topics other than sex during the current

school year

Variable label: Support parent-adolescent communication about other topics

Q46_3. During this school year, has your school provided parents with information about how to monitor their teen (e.g., setting parental expectations, keeping track of their teen, responding when their teen breaks the rules)?

A. Yes B. No

Numerator: Respondents who answered A for Q46_3
Denominator: Respondents who answered A or B for Q46_3

Summary text: Percentage of schools that have provided parents with information about how to

monitor their teen (e.g., setting parental expectations, keeping track of their teen,

responding when their teen breaks the rules) during the current school year

Variable label: How to monitor their teen

Threshold: All Schools=55 and By Grade Level=19

Q46_4. During this school year, has your school provided parents with information to support one-on-one time between adolescents and their health care providers?

A. Yes B. No

Numerator: Respondents who answered A for Q46_4
Denominator: Respondents who answered A or B for Q46_4

Summary text: Percentage of schools that have provided parents with information to support one-

on-one time between adolescents and their health care providers during the current

school year

Variable label: Support one-on-one time between adolescents and their health providers

Threshold: All Schools=55 and By Grade Level=19

Q46_5. During this school year, has your school provided parents with information about physical education and physical activity programs?

A. Yes B. No

Numerator: Respondents who answered A for Q46_5
Denominator: Respondents who answered A or B for Q46_5

Summary text: Percentage of schools that have provided parents with information about physical

education and physical activity programs during the current school year

Variable label: Provide PE/physical activity program information

Q46_6. During this school year, has your school involved parents as school volunteers in the delivery of health education activities and services?

A. Yes B. No

Numerator: Respondents who answered A for Q46_6
Denominator: Respondents who answered A or B for Q46_6

Summary text: Percentage of schools that have involved parents as school volunteers in the

delivery of health education activities and services during the current school year

Variable label: Parents as volunteers in health education activities

Threshold: All Schools=55 and By Grade Level=19

Q46_7. During this school year, has your school involved parents as school volunteers in physical education or physical activity programs?

A. Yes B. No

Numerator: Respondents who answered A for Q46_7
Denominator: Respondents who answered A or B for Q46_7

Summary text: Percentage of schools that have involved parents as school volunteers in physical

education or physical activity programs during the current school year

Variable label: Parents as volunteers in PE/physical activity programs

Threshold: All Schools=55 and By Grade Level=19

Q46_8. During this school year, has your school linked parents and families to health services and programs in the community?

A. Yes B. No

Numerator: Respondents who answered A for Q46_8
Denominator: Respondents who answered A or B for Q46_8

Summary text: Percentage of schools that have linked parents and families to health services and

programs in the community during the current school year

Variable label: Link parents to health services

Q46_9. During this school year, has your school provided disease-specific education for parents and families of students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes B. No

Numerator: Respondents who answered A for Q46_9
Denominator: Respondents who answered A or B for Q46_9

Summary text: Percentage of schools that have provided disease-specific education for parents

and families of students with chronic health conditions (e.g., asthma, diabetes)

during the current school year

Variable label: Provide disease-specific education for parents and families of students with chronic

health conditions

Threshold: All Schools=55 and By Grade Level=19

Q46_10. During this school year, has your school provided parents with information about before- or after-school programs available in the community?

A. Yes B. No

Numerator: Respondents who answered A for Q46_10
Denominator: Respondents who answered A or B for Q46_10

Summary text: Percentage of schools that have provided parents with information about before- or

after-school programs available in the community

Variable label: Provide information about before- or after-school programs

Threshold: All Schools=55 and By Grade Level=19

Q47_1. Currently, does your school implement service-learning programs, that is, community service designed to meet specific learning objectives? (A school-based program is one that is led by the school or school district.)

A. Yes B. No

Numerator: Respondents who answered A for Q47_1 Denominator: Respondents who answered A or B for Q47_1

Summary text: Percentage of schools that implement service-learning programs, that is,

community service designed to meet specific learning objectives

Variable label: School-based service-learning program
Threshold: All Schools=55 and By Grade Level=19

Q47_2. Currently, does your school implement mentoring programs, that is, programs in which family or community members serve as role models to students or mentor students? (A school-based program is one that is led by the school or school district.)

A. Yes B. No

Numerator: Respondents who answered A for Q47_2 Denominator: Respondents who answered A or B for Q47_2

Summary text: Percentage of schools that implement mentoring programs, that is, programs in

which family or community members serve as role models to students or mentor

students

Variable label: School-based mentoring program

Threshold: All Schools=55 and By Grade Level=19

Q48_1. Currently, does your school connect students to service-learning programs, that is, community service designed to meet specific learning objectives? (A community-based program is one that is led by a community organization, but to which your school refers students. Include only community-based programs that are collaborations between your school and the program.)

A. YesB. No

Numerator: Respondents who answered A for Q48_1 Denominator: Respondents who answered A or B for Q48_1

Summary text: Percentage of schools that connect students to service-learning programs, that is,

community service designed to meet specific learning objectives

Variable label: Community-based service-learning program
Threshold: All Schools=55 and By Grade Level=19

Q48_2. Currently, does your school connect students to mentoring programs, that is, programs in which family or community members serve as role models to students or mentor students? (A community-based program is one that is led by a community organization, but to which your school refers students. Include only community-based programs that are collaborations between your school and the program.)

A. Yes B. No

Numerator: Respondents who answered A for Q48_2 Denominator: Respondents who answered A or B for Q48_2

Summary text: Percentage of schools that connect students to mentoring programs, that is,

programs in which family or community members serve as role models to students

or mentor students

Variable label: Community-based mentoring program
Threshold: All Schools=55 and By Grade Level=19

Q49. During the past two years, have students' families helped develop or implement policies and programs related to school health?

A. YesB. No

Numerator: Respondents who answered A for Q49
Denominator: Respondents who answered A or B for Q49

Summary text: Percentage of schools in which students' families helped develop or implement

policies and programs related to school health during the past two years

Variable label: Families help develop school health policies
Threshold: All Schools=55 and By Grade Level=19

2. Principal Supplemental Variables

Supplemental variables are calculated based on results from one or more than one question. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

SHS PM 1807 1

Numerator: Respondents who answered A for any of Q39 1, Q39 3, Q39 5, Q39 6, Q39 7,

Q39 8, or Q39 10

Denominator: Respondents who answered A for any of Q39 1, Q39 3, Q39 5, Q39 6, Q39 7,

Q39 8, or Q39 10 or who answered B for all of Q39 1, Q39 3, Q39 5, Q39 6,

Q39 7, Q39 8, and Q39 10

Summary text: Percentage of schools that provide sexual health services to students

Variable label: SHS PM 1807 1 sexual health services

Dependence: Depends on Q39 1, Q39 3, Q39 5, Q39 6, Q39 7, Q39 8, and Q39 10

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $(Q39 \ 1 = 1 \text{ or } Q39 \ 3 = 1 \text{ or } Q39 \ 5 = 1 \text{ or } Q39 \ 6 = 1 \text{ or } Q39 \ 7 = 1 \text{ or } Q39 \ 8 = 1$

or Q39 10 = 1) then SHS PM 1807 1 = 1;

else if $(Q39 \ 1 = 2 \text{ and } Q39 \ 3 = 2 \text{ and } Q39 \ 5 = 2 \text{ and } Q39 \ 6 = 2 \text{ and } Q39 \ 7 = 2 \text{ and}$

Q39 8 = 2 and Q39 10 = 2) then SHS PM 1807 1 = 2;

SHS_PM_1807_2

Numerator: Respondents who answered A for any of Q40 1, Q40 5, Q40 7, Q40 8, Q40 9,

Q40 10, or Q40 12

Denominator: Respondents who answered A for any of Q40 1, Q40 5, Q40 7, Q40 8, Q40 9,

Q40 10, or Q40 12 or who answered B for all of Q40 1, Q40 5, Q40 7, Q40 8,

Q40 9, Q40 10, and Q40 12

Summary text: Percentage of schools that provide health service referrals to students

Variable label: SHS PM 1807 2 sexual health referrals

Dependence: Depends on Q40 1, Q40 5, Q40 7, Q40 8, Q40 9, Q40 10, and Q40 12

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $(Q40 \ 1 = 1 \text{ or } Q40 \ 5 = 1 \text{ or } Q40 \ 7 = 1 \text{ or } Q40 \ 8 = 1 \text{ or } Q40 \ 9 = 1 \text{ or } Q40 \ 10 = 1$

or $Q40_{12} = 1$) then SHS_PM_1807_2 = 1;

else if $(Q40 \ 1 = 2 \text{ and } Q40 \ 5 = 2 \text{ and } Q40 \ 7 = 2 \text{ and } Q40 \ 8 = 2 \text{ and } Q40 \ 9 = 2 \text{ and$

Q40 10 = 2 and Q40 12 = 2) then SHS PM 1807 2 = 2;

SHS PM 1807 3 Respondents who answered A for all of Q44 1, Q44 2, Q44 3, Q44 4, Q44 5, Numerator: Q44 6, Q44 7, and Q44 8 Respondents who answered A for all of Q44 1, Q44_2, Q44_3, Q44_4, Q44_5, Denominator: Q44 6, Q44 7, and Q44 8 or who answered B for any of Q44 1, Q44 2, Q44 3, Q44 4, Q44 5, Q44 6, Q44 7, or Q44 8 Percentage of schools in which any staff received professional development on sexual Summary text: health services Variable label: SHS PM 1807 3 professional development health services Depends on Q44 1, Q44 2, Q44 3, Q44 4, Q44 5, Q44 6, Q44 7, and Q44 8 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if $(Q44 \ 1 = 1 \text{ and } Q44 \ 2 = 1 \text{ and } Q44 \ 3 = 1 \text{ and } Q44 \ 4 = 1 \text{ and } Q44 \ 5 = 1 \text{ and}$ Q44 6 = 1 and Q44 7 = 1 and Q44 8 = 1) then SHS PM 1807 3 = 1; else if (Q44 1 = 2 or Q44 2 = 2 or Q44 3 = 2 or Q44 4 = 2 or Q44 5 = 2 or Q44 6 $= 2 \text{ or } Q44 \ 7 = 2 \text{ or } Q44 \ 8 = 2) \text{ then SHS } PM \ 1807 \ 3 = 2;$ PM 1801 1 2 Respondents who answered B for all of Q31 1-Q31 3, Q31 5, Q31 10, and Q31 11 Numerator: or who answered B for Q30 Denominator: Respondents who answered B for all of Q31 1-Q31 3, Q31 5, Q31 10, and Q31 11 or who answered B for O30 or who answered A for O30 and for any of O31 1-O31 3, Q31 5, Q31 10, or Q31 11 Percentage of schools that do not sell less healthy foods and beverages (soda pop or Summary text: fruit drinks, sports drinks, baked goods, salty snacks, candy) PM 1801 1 2 do not sell less healthy food Variable label: Depends on Q30, Q31 1-Q31 3, Q31 5, Q31 10, and Q31 11 Dependence: Threshold: All Schools=37 and By Grade Level=10 SAS code: if $(Q31 \ 1 = 2 \text{ and } Q31 \ 2 = 2 \text{ and } Q31 \ 3 = 2 \text{ and } Q31 \ 5 = 2 \text{ and } Q31 \ 10 = 2 \text{ and}$ Q31 11 = 2) or Q30 = 2 then PM 1801 1 2 = 1; else if $(Q30 = 1 \text{ and } (Q31 \ 1 = 1 \text{ or } Q31 \ 2 = 1 \text{ or } Q31 \ 3 = 1 \text{ or } Q31 \ 5 = 1 \text{ or } Q31 \ 10)$ = 1 or Q31 11 = 1)) then PM 1801 1 $\overline{2}$ = 2; PM 1801 1 2a Numerator: Respondents who answered B for Q30 or who answered B for all of Q31 1-Q31 3, Q31 5, Q31 6, Q31 10, Q31 11, and Q31 12 Respondents who answered B for O30 or who answered B for all of O31 1-O31 3, Denominator: Q31 5, Q31 6, Q31 10, Q31 11, and Q31 12 or who answered A for Q30 and any of Q31 1-Q31 3, Q31 5, Q31 6, Q31 10, Q31 11, or Q31 12 Percentage of schools that do not sell expanded list of less healthy foods and beverages Summary text: Variable label: PM 1801 1 2a do not sell expanded list of less healthy food Dependence: Depends on O30, O31 1-O31 3, O31 5, O31 6, O31 10, O31 11, and O31 12 All Schools=37 and By Grade Level=10 Threshold: SAS code: if Q30 = 2 or $(Q31 \ 1 = 2 \text{ and } Q31 \ 2 = 2 \text{ and } Q31 \ 3 = 2 \text{ and } Q31 \ 5 = 2 \text{ and } Q31 \ 6 = 2$ 2 and Q31 10 = 2 and Q31 11 = 2 and Q31 12 = 2) then PM $1801 \ 1 \ 2a = 1$; else if Q30 = 1 and (Q31 1 = 1 or Q31 2 = 1 or Q31 3 = 1 or Q31 5 = 1 or Q31 6 = 1 or Q31 10 = 1 or Q31 11 = 1 or Q31 12 = 1) then PM $1801 \ 1 \ 2a = 2$;

PM 1801 1 3a Numerator: Respondents who answered A or C for Q14 1, Q14 2, Q14 3, and Q14 4 and who answered A or C for Q14 5, Q14 6, or Q14 7 and who answered A for Q16 1, Q16 2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, or Q16 9 and who answered A for Q17 or Q18 and who answered A for Q20 1 or Q20 2 Respondents who answered A or C for Q14 1, Q14 2, Q14 3, and Q14 4 and who Denominator: answered A or C for Q14 5, Q14 6, or Q14 7 and who answered A for Q16 1, Q16 2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, or Q16 9 and who answered A for Q17 or Q18 and who answered A for Q20 1 or Q20 2 or who answered B for Q14 1, Q14 2, Q14 3, or Q14 4 or who answered B for Q14 5, Q14 6, and Q14 7 or who answered B for Q16 1, Q16 2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, and Q16 9 or who answered B for Q17 and Q18 or who answered B for Q20 1 and Q20 2 Summary text: Percentage of schools with core CSPAP elements in place Variable label: PM 1801 1 3a CSPAP core Dependence: Depends on Q14_1, Q14_2, Q14_3, Q14_4, Q14_5, Q14_6, Q14_7, Q16_1, Q16_2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, Q16 9, Q17, Q18, Q20 1, and Q20 2 All Schools=55 and By Grade Level=19 Threshold: if (Q14 1 in (1,3) and Q14 2 in (1,3) and Q14 3 in (1,3) and Q14 4 in (1,3)) and SAS code: $(Q14 \ 5 \text{ in } (1,3) \text{ or } Q14 \ 6 \text{ in } (1,3) \text{ or } Q14 \ 7 \text{ in } (1,3)) \text{ and } (Q16 \ 1=1 \text{ or } Q16 \ 2=1 \text{ or } Q16 \$ Q16 3 = 1 or Q16 4 = 1 or Q16 5 = 1 or Q16 6 = 1 or Q16 7 = 1 or Q16 8 = 1 or $Q16\ 9 = 1)$ and (Q17 = 1 or Q18 = 1) and $(Q20\ 1 = 1 \text{ or } Q20\ 2 = 1)$ then PM $1801 \ 1 \ 3a = 1$; else if $(Q14 \ 1 = 2 \text{ or } Q14 \ 2 = 2 \text{ or } Q14 \ 3 = 2 \text{ or } Q14 \ 4 = 2)$ or $(Q14 \ 5 = 2 \text{ and } Q14 \ 6)$ = 2 and Q14 7 = 2) or (Q16 1 = 2 and Q16 2 = 2 and Q16 3 = 2 and Q16 4 = 2 and Q16 5 = 2 and Q16 6 = 2 and Q16 7 = 2 and Q16 8 = 2 and Q16 9 = 2) or (Q17 = 2)

and Q18 = 2) or (Q20 1 = 2 and Q20 2 = 2) then PM 1801 1 3a = 2;

PM 1801 1 3a1 Numerator: Respondents who answered A or C for Q14 1, Q14 2, Q14 3, and Q14 4 and who answered A or C for Q14 5, Q14 6, or Q14 7 and who answered A for Q16 1, Q16_2, Q16_3, Q16_4, Q16_5, Q16_6, Q16_7, Q16_8, or Q16_9 Respondents who answered A or C for Q14 1, Q14 2, Q14 3, and Q14 4 and who Denominator: answered A or C for Q14 5, Q14 6, or Q14 7 and who answered A for Q16 1, Q16 2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, or Q16 9 or who answered B for Q14 1, Q14 2, Q14 3, or Q14 4 or who answered B for Q14 5, Q14 6, and Q14 7 or who answered B for Q16 1, Q16 2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, and Q16 9 Percentage of schools with core CSPAP elements in place: PE Summary text: Variable label: PM 1801 1 3al CSPAP core PE Dependence: Depends on Q14_1, Q14_2, Q14_3, Q14_4, Q14_5, Q14_6, Q14_7, Q16_1, Q16_2, Q16 3, Q16 4, Q16 5, Q16 6, Q16 7, Q16 8, Q16 9 All Schools=55 and By Grade Level=19 Threshold: SAS code: if (Q14 1 in (1,3) and Q14 2 in (1,3) and Q14 3 in (1,3) and Q14 4 in (1,3)) and $(Q14 \ 5 \text{ in } (1,3) \text{ or } Q14 \ 6 \text{ in } (1,3) \text{ or } Q14 \ 7 \text{ in } (1,3)) \text{ and } (Q16 \ 1=1 \text{ or } Q16 \ 2=1 \text{ or } Q16 \$ Q16 3 = 1 or Q16 4 = 1 or Q16 5 = 1 or Q16 6 = 1 or Q16 7 = 1 or Q16 8 = 1 or Q16 9 = 1) then PM $1801 \ 1 \ 3a1 = 1$; else if $(Q14 \ 1 = 2 \text{ or } Q14 \ 2 = 2 \text{ or } Q14 \ 3 = 2 \text{ or } Q14 \ 4 = 2) \text{ or } (Q14 \ 5 = 2 \text{ and } Q14 \ 6)$ = 2 and Q14 7 = 2) or (Q16 1 = 2 and Q16 2 = 2 and Q16 3 = 2 and Q16 4 = 2 and Q16 5 = 2 and Q16 6 = 2 and Q16 7 = 2 and Q16 8 = 2 and Q16 9 = 2) then PM $1801 \ 1 \ 3a1 = 2;$ PM 1801 1 3a2 Numerator: Respondents who answered A for Q17 or Q18 Respondents who answered A or B for Q17 and Q18 Denominator: Percentage of schools with core CSPAP elements in place: recess or classroom Summary text: physical activity PM 1801 1 3a2 CSPAP core recess or classroom physical activity Variable label: Dependence: Depends on Q17 and Q18 Threshold: All Schools=55 and By Grade Level=19 if (Q17 = 1 or Q18 = 1) then PM 1801 1 3a2 = 1; SAS code: else if (Q17 = 2 and Q18 = 2) then PM 1801 1 3a2 = 2; PM 1801 1 3a3 Numerator: Respondents who answered A for Q20 1 or Q20 2 Denominator: Respondents who answered A or B for Q20 1 and Q20 2 Summary text: Percentage of schools with core CSPAP elements in place: physical activity before or after school PM 1801 1 3a3 CSPAP core physical activity before or after school Variable label: Depends on Q20 1 and Q20 2 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if $(Q20 \ 1 = 1 \text{ or } Q20 \ 2 = 1)$ then PM 1801 1 3a3 = 1; else if $(Q20 \ 1 = 2 \text{ and } Q20 \ 2 = 2)$ then PM 1801 1 3a3 = 2;

PM 1801 1 3b Numerator: Respondents who answered A for Q22, Q15, Q46 5, Q46 7, Q21 1, or Q23 Respondents who answered A for Q22, Q15, Q46 5, Q46 7, Q21 1, or Q23 or who Denominator: answered B for Q22, Q15, Q46 5, Q46 7, Q21 1, and Q23 Percentage of schools with supporting CSPAP elements in place Summary text: Variable label: PM 1801 1 3b CSPAP support Dependence: Depends on Q22, Q15, Q46 5, Q46 7, Q21 1, and Q23 Threshold: All Schools=55 and By Grade Level=19 if $(Q22 = 1 \text{ or } Q15 = 1 \text{ or } Q46 = 1 \text{ or } Q46 = 1 \text{ or } Q21_1 = 1 \text{ or } Q23 = 1)$ then SAS code: PM $1801 \ 1 \ 3b = 1$; else if $(Q22 = 2 \text{ and } Q15 = 2 \text{ and } Q46 = 2 \text{ and } Q46 = 2 \text{ and } Q21 = 2 \text{ and } Q23 = 2 \text{ a$ = 2) then PM 1801 1 3b = 2; PM 1801 1 3b1 Numerator: Respondents who answered A for Q22 Respondents who answered A or B for Q22 Denominator: Percentage of schools with supporting CSPAP elements in place: written plan for Summary text: implementation Variable label: PM 1801 1 3b1 CSPAP support written plan Dependence: Depends on Q22 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q22 = 1 then PM 1801 1 3b1 = 1; else if Q22 = 2 then PM 1801 1 3b1 = 2; PM 1801 1 3b2 Numerator: Respondents who answered A for Q15 Denominator: Respondents who answered A or B for Q15 Percentage of schools with supporting CSPAP elements in place: professional Summary text: development for PE teachers Variable label: PM 1801 1 3b2 CSPAP support professional development Dependence: Depends on Q15 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q15 = 1 then PM 1801 1 3b2 = 1; else if Q15 = 2 then PM 1801 1 3b2 = 2; PM 1801 1 3b3 Numerator: Respondents who answered A for Q46 5 or Q46 7 Denominator: Respondents who answered A for Q46 5 or Q46 7 or who answered B for Q46 5 and Q46 7 Percentage of schools with supporting CSPAP elements in place: family engagement Summary text: in PE or physical activity PM 1801 1 3b3 CSPAP support family engagement in PE or physical activity Variable label: Dependence: Depends on Q46 5 and Q46 7 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q46 5 = 1 or Q46 7 = 1 then PM $1801 \ 1 \ 3b3 = 1$; else if Q46 = 2 and Q46 = 2 then PM 1801 = 1 3b3= 2;

PM 1801 1 3b4 Numerator: Respondents who answered A for Q21 1 Respondents who answered A or B for Q21 1 Denominator: Summary text: Percentage of schools with supporting CSPAP elements in place: joint use agreement PM 1801 1 3b4 CSPAP support joint use agreement Variable label: Dependence: Depends on Q21 1 Threshold: All Schools=55 and By Grade Level=19 if Q21 1 = 1 then PM 1801 1 3b4 = 1; SAS code: else if Q21 1 = 2 then PM 1801 1 3b4 = 2; PM 1801 1 3b5 Numerator: Respondents who answered A for Q23 Respondents who answered A or B for Q23 Denominator: Summary text: Percentage of schools with supporting CSPAP elements in place: assessment of opportunities Variable label: PM 1801 1 3b5 CSPAP support assessment of opportunities Dependence: Depends on Q23 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q23 = 1 then PM 1801 1 3b5 = 1; else if Q23 = 2 then PM 1801 1 3b5 = 2; PM 1801 1 3 Numerator: Respondents who answered A for PM 1801 1 3a and PM 1801 1 3b Respondents who answered A for PM 1801 1 3a and PM 1801 1 3b or who Denominator: answered B for PM 1801 1 3a or PM 1801 1 3b Percentage of schools with established, implemented, and evaluated CSPAP Summary text: Variable label: PM 1801 1 3 CSPAP Depends on PM 1801 1 3a and PM 1801 1 3b Dependence: All Schools=55 and By Grade Level=19 Threshold: if PM 1801 1 3a = 1 and PM 1801 1 3b = 1 then PM 1801 1 3 = 1; SAS code: else if PM 1801 1 3a = 2 or PM 1801 1 3b = 2 then PM 1801 1 3 = 2; PM 1801 1 4 Numerator: Respondents who answered A for Q39 15 Respondents who answered A or B for Q39 15 Denominator: Percentage of schools with case management for students with chronic health Summary text: conditions PM 1801 1 4 case management Variable label: Depends on Q39 15 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if O39 15 = 1 then PM 1801 1 4 = 1;

else if Q39 15 = 2 then PM 1801 1 4 = 2;

SSE PM 1807 4

Numerator: Respondents who answered A for Q47 1, Q47 2, Q48 1, or Q48 2

Denominator: Respondents who answered A for Q47 1, Q47 2, Q48 1, or Q48 2 or who

answered B for Q47 1, Q47 2, Q48 1, and Q48 2

Summary text: Percentage of schools with service-learning and mentoring programs

Variable label: SSE PM 1807 4 service-learning and mentoring programs

Dependence: Depends on Q47_1, Q47_2, Q48_1, and Q48_2

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q47 1 = 1 or Q47 2 = 1 or Q48 1 = 1 or Q48 2 = 1 then SSE PM 1807 4 = 1;

else if Q47 1 = 2 and Q47 2 = 2 and Q48 1 = 2 and Q48 2 = 2 then

SSE PM 1807 4 = 2;

SSE PM 1807 5

Numerator: Respondents who answered A for Q8
Denominator: Respondents who answered A or B for Q8

Summary text: Percentage of schools with student-led clubs that supports LGBT youth

Variable label: SSE PM 1807 5 student-led LGBT support

Dependence: Depends on Q8

Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q8 = 1 then SSE_PM_1807_5 = 1;

else if Q8 = 2 then $SSE_PM_1807_5 = 2$;

```
Q27N
Numerator:
                 Respondents who answered A for all of Q25 1, Q25 2, Q25 3, Q25 4, Q26 1,
                 Q26 2, Q27 1, Q27 2, Q27 3, and Q27 4
                 Respondents who answered A for all of Q25 1, Q25 2, Q25_3, Q25_4, Q26_1,
Denominator:
                 Q26 2, Q27 1, Q27 2, Q27 3, and Q27 4 or who answered B for any of Q25 1,
                 Q25 2, Q25 3, Q25 4, Q26 1, Q26 2, Q27 1, Q27 2, Q27 3, or Q27 4 or who
                 answered B for Q24
                 Percentage of schools that follow a policy that mandates a "tobacco-free environment."
Summary text:
                 A "tobacco-free environment" is one that prohibits tobacco use by students, staff, and
                 visitors in school buildings, at school functions, in school vehicles, on school grounds,
                 and at off-site school events, applicable 24 hours a day and seven days a week
Variable label:
                 Tobacco-free school environment
Dependence:
                 Depends on Q25 (a, b, c, and d), Q26 (a and b), Q27 (a, b, c, and d) and Q24
                 All Schools=37 and By Grade Level=10
Threshold:
                 if Q25 1 1=1 and Q25 1 2=1 and Q25 1 3=1 and Q25 2 1=1 and Q25 2 2=1 and
SAS code:
                 Q25 2 3=1 and Q25 3 1=1 and Q25 3 2=1 and Q25 3 3=1 and Q25 4 1=1 and
                 Q25 4 2=1 and Q25 4 3=1 and Q26 1 1=1 and Q26 1 2=1 and Q26 1 3=1 and
                 Q26 2 1=1 and Q26 2 2=1 and Q26 2 3=1 and Q27 1 1=1 and Q27 1 2=1 and
                 Q27 1 3=1 and Q27 2 1=1 and Q27 2 2=1 and Q27 2 3=1 and Q27 3 1=1 and
                 Q27 3 2=1 and Q27 3 3=1 and Q27 4 1=1 and Q27 4 2=1 and Q27 4 3=1
                 then Q27N = 1;
                 else if Q25 1 1=2 or Q25 1 2=2 or Q25 1 3=2 or Q25 2 1=2 or Q25 2 2=2 or
                 Q25 2 3=2 or Q25 3 1=2 or Q25 3 2=2 or Q25 3 3=2 or Q25 4 1=2 or
                 Q25\_4\_2=2 or Q25\_4\_3=2 or Q26\_1\_1=2 or Q26\_1\_2=2 or Q26\_1\_3=2 or
                 Q26 2 1=2 or Q26 2 2=2 or Q26 2 3=2 or Q27 1 1=2 or Q27 1 2=2 or
                 Q27 1 3=2 or Q27 2 1=2 or Q27 2 2=2 or Q27 2 3=2 or Q27 3 1=2 or
                 Q27 3 2=2 or Q27 3 3=2 or Q27 4 1=2 or Q27 4 2=2 or Q27 4 3=2 or Q24 = 2
                 then Q27N = 2;
```

TOBVAPE Numerator: Respondents who answered A for all of Q25 1, Q25 2, Q25 3, Q25 4, Q25 5, Q26_1, Q26_2, Q27_1, Q27_2, Q27_3, and Q27_4 Respondents who answered A for all of Q25 1, Q25 2, Q25_3, Q25_4, Q25_5, Denominator: Q26 1, Q26 2, Q27 1, Q27 2, Q27 3, and Q27 4 or who answered B for any of Q25 1, Q25 2, Q25 3, Q25 4, Q25 5, Q26 1, Q26 2, Q27 1, Q27 2, Q27 3, or Q27 4 or who answered B for Q24 Percentage of schools that follow a policy that mandates a "tobacco-free environment" Summary text: including prohibiting electronic vapor products. A "tobacco-free environment" is one that prohibits tobacco and EVP use by students, staff, and visitors in school buildings, at school functions, in school vehicles, on school grounds, and at off-site school events, applicable 24 hours a day and seven days a week Variable label: Tobacco-free school environment EVP Dependence: Depends on Q25 (a, b, c, d, and e), Q26 (a and b), Q27 (a, b, c, and d) and Q24 Threshold: All Schools=37 and By Grade Level=10 SAS code: if Q25 1 1=1 and Q25 1 2=1 and Q25 1 3=1 and Q25 2 1=1 and Q25 2 2=1 and Q25 2 3=1 and Q25 3 1=1 and Q25 3 2=1 and Q25 3 3=1 and Q25 4 1=1 and Q25 4 2=1 and Q25 4 3=1 and Q25 5 1=1 and Q25 5 2=1 and Q25 5 3=1 and Q26 1 1=1 and Q26 1 2=1 and Q26 1 3=1 and Q26 2 1=1 and Q26 2 2=1 and Q26 2 3=1 and Q27 1 1=1 and Q27 1 2=1 and Q27 1 3=1 and Q27 2 1=1 and Q27 2 2=1 and Q27 2 3=1 and Q27 3 1=1 and Q27 3 2=1 and Q27 3 3=1 and Q27 4 1=1 and Q27 4 2=1 and Q27 4 3=1 then TOBVAPE = 1; else if Q25 1 1=2 or Q25 1 2=2 or Q25 1 3=2 or Q25 2 1=2 or Q25 2 2=2 or Q25 2 3=2 or Q25 3 1=2 or Q25 3 2=2 or Q25 3 3=2 or Q25 4 1=2 or Q25 4 2=2 or Q25 4 3=2 or Q25 5 1=2 or Q25 5 2=2 or Q25 5 3=2 or Q26 1 1=2 or Q26 1 2=2 or Q26 1 3=2 or Q26 2 1=2 or Q26 2 2=2 or Q26 2 3=2 or Q27 1 1=2 or Q27 1 2=2 or Q27 1 3=2 or Q27 2 1=2 or Q27 2 2=2 or Q27 2 3=2 or Q27 3 1=2 or Q27 3 2=2 or Q27 3 3=2 or Q27 4 1=2 or Q27 4 2=2 or Q27 4 3=2 or Q24 = 2 then TOBVAPE = 2; Q34N Numerator: Respondents who answered A or B for O34 Respondents who answered A, B, or C for Q34 Denominator: Summary text: Percentage of schools that permit students to have a drinking water bottle with them in either all locations or certain locations during the school day Variable label: Water bottle permitted Dependence: Depends on Q34 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q34 in (1,2) then Q34N=1;

else if Q34 = 3 then Q34N=2;

3. Lead Health Education Teacher Standard Variables

Each standard question can be analyzed as a dichotomous variable. The dichotomous variables present the percentage of lead health education teachers answering the predetermined response of interest (ROI). Teachers answering the ROI are in the numerator. The denominator is either all teachers or a subset of teachers who have indicated in the current questionnaire that the school meets a certain criterion. Teachers must have provided valid data to be included in any dichotomous variable calculations. Teachers with missing responses or who had their answers cleaned during consistency editing are not included. The dichotomous variable results are presented in the tables and bar charts in each site's report.

The following table provides the question and response options for each survey variable and the derivation of its dichotomous variable. The numerator and the denominator of the dichotomous variable are defined below the survey variable. The summary text appearing in the title of the tables for each dichotomous variable is also listed. The threshold for reporting frequencies and percentages is provided. The thresholds for reporting depend on whether the survey used a census or a sample of schools, whether the result is reported by grade level category or for all schools, and whether there is a skip pattern that involves the question being processed. When the denominator frequency of the dichotomous variable is less than the threshold, data are suppressed for reporting. The thresholds in the following table pertain to a sample of schools. For a census, there is no threshold for reporting results for all schools; the threshold is 10 for reporting results by grade level category.

Q1. How many required health education courses do students take in grades 6 through 12 in your school? (Mark one response.)

A. 0 courses \rightarrow Skip to Question 3

B. 1 course

C. 2 courses

D. 3 courses

E. 4 or more courses

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q1

Denominator: Respondents who answered A, B, C, D, or E for Q1

Summary text: Percentage of schools in which students take ROI required health education courses

in grades 6 through 12. For example, 0 courses. Percentage of schools in which

students take 0 required health education courses in grades 6 through 12.

Variable label: Number required health education courses grades 6-12

Threshold: All Schools=55 and By Grade Level=19

Q2_1. Is a required health education course taught in grade 6 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 1

Denominator: Respondents who answered A or B for Q2_1 or respondents who answered A for

Q1. Respondents who answered C for Q2 1 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 6*

Footnote: *Among schools with students in that grade. Variable label: Health education required in grade 6

Threshold: All Schools=37 and By Grade Level=10

Q2_2. Is a required health education course taught in grade 7 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 2

Denominator: Respondents who answered A or B for Q2_2 or respondents who answered A for

Q1. Respondents who answered C for Q2 2 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 7*

Footnote: *Among schools with students in that grade.

Variable label: Health education required in grade 7
Threshold: All Schools=37 and By Grade Level=10

Q2 3. Is a required health education course taught in grade 8 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 3

Denominator: Respondents who answered A or B for Q2 3 or respondents who answered A for

Q1. Respondents who answered C for Q2 3 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 8*

Footnote: *Among schools with students in that grade.

Variable label: Health education required in grade 8
Threshold: All Schools=37 and By Grade Level=10

Q2_4. Is a required health education course taught in grade 9 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 4

Denominator: Respondents who answered A or B for Q2_4 or respondents who answered A for

Q1. Respondents who answered C for Q2 4 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 9*

Footnote: *Among schools with students in that grade.

Variable label: Health education required in grade 9
Threshold: All Schools=37 and By Grade Level=10

Q2_5. Is a required health education course taught in grade 10 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 5

Denominator: Respondents who answered A or B for Q2 5 or respondents who answered A for

Q1. Respondents who answered C for Q2 5 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 10*

Footnote: *Among schools with students in that grade. Variable label: Health education required in grade 10

Variable label: Health education required in grade 10 Threshold: All Schools=37 and By Grade Level=10

Q2 6. Is a required health education course taught in grade 11 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 6

Denominator: Respondents who answered A or B for Q2 6 or respondents who answered A for

Q1. Respondents who answered C for Q2 6 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 11*

Footnote: *Among schools with students in that grade.

Variable label: Health education required in grade 11 Threshold: All Schools=37 and By Grade Level=10

Q2_7. Is a required health education course taught in grade 12 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 7

Denominator: Respondents who answered A or B for Q2_7 or respondents who answered A for

Q1. Respondents who answered C for Q2 7 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 12*

Footnote: *Among schools with students in that grade.

Variable label: Health education required in grade 12 Threshold: All Schools=37 and By Grade Level=10

Q3_1. Are those who teach health education at your school provided with goals, objectives, and expected outcomes for health education?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q3_1

Denominator: Respondents who answered A or B for Q3_1

Summary text: Percentage of schools in which those who teach health education are provided with

goals, objectives, and expected outcomes for health education*

Footnote: *Among schools that teach health education. Respondents that answered C for

O3 1 are excluded.

Variable label: Provided goals for health education
Threshold: All Schools=55 and By Grade Level=19

Q3_2. Are those who teach health education at your school provided with a chart describing the annual scope and sequence of instruction for health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q3_2 Denominator: Respondents who answered A or B for Q3_2

Summary text: Percentage of schools in which those who teach health education are provided with

a chart describing the annual scope and sequence of instruction for health

education*

Footnote: *Among schools that teach health education. Respondents that answered C for

O3 2 are excluded.

Variable label: Provided chart for health education
Threshold: All Schools=55 and By Grade Level=19

Q3_3. Are those who teach health education at your school provided with plans for how to assess student performance in health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q3_3 Denominator: Respondents who answered A or B for Q3_3

Summary text: Percentage of schools in which those who teach health education are provided with

plans for how to assess student performance in health education*

Footnote: *Among schools that teach health education. Respondents that answered C for

Q3 3 are excluded.

Variable label: Provided plans for assessing student performance in health education

Threshold: All Schools=55 and By Grade Level=19

Q3_4. Are those who teach health education at your school provided with a written health education curriculum?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q3_4
Denominator: Respondents who answered A or B for Q3_4

Summary text: Percentage of schools in which those who teach health education are provided with

a written health education curriculum*

Footnote: *Among schools that teach health education. Respondents that answered C for

Q3 4 are excluded.

Variable label: Provided written health education curriculum Threshold: All Schools=55 and By Grade Level=19

Q3_5. Are those who teach health education at your school provided with written instructional competencies for health education teachers (i.e., the essential knowledge and skills teachers need to be effective educators)?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q3_5
Denominator: Respondents who answered A or B for Q3_5

Summary text: Percentage of schools in which those who teach health education are provided with

written instructional competencies for health education teachers (i.e., the essential

knowledge and skills teachers need to be effective educators)*

Footnote: *Among schools that teach health education. Respondents that answered C for

Q3 5 are excluded.

Variable label: Provided written instructional competencies for health education

Threshold: All Schools=55 and By Grade Level=19

Q4_1. Does your health education curriculum address comprehending concepts related to health promotion and disease prevention to enhance health?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q4 1

Denominator: Respondents who answered A, B, or C for Q4 1

Summary text: Percentage of schools in which the health education curriculum addresses

comprehending concepts related to health promotion and disease prevention to

enhance health

Variable label: HE addresses comprehending concepts
Threshold: All Schools=55 and By Grade Level=19

Q4_2. Does your health education curriculum address analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q4 2

Denominator: Respondents who answered A, B, or C for Q4 2

Summary text: Percentage of schools in which the health education curriculum addresses

analyzing the influence of family, peers, culture, media, technology, and other

factors on health behaviors

Variable label: HE addresses analyzing the influence of family and other factors on health

behaviors

Q4 3. Does your health education curriculum address accessing valid information and products and services to enhance health? A. Yes B. No C. NA Numerator: Respondents who answered A for Q4 3 Respondents who answered A, B, or C for Q4 3 Denominator: Percentage of schools in which the health education curriculum addresses accessing Summary text: valid information and products and services to enhance health Variable label: HE addresses accessing valid information to enhance health Threshold: All Schools=55 and By Grade Level=19 Q4 4. Does your health education curriculum address using interpersonal communication skills to enhance health and avoid or reduce health risks? Yes A. В. No C. NA Numerator: Respondents who answered A for Q4 4 Denominator: Respondents who answered A, B, or C for Q4 4 Percentage of schools in which the health education curriculum addresses using Summary text: interpersonal communication skills to enhance health and avoid or reduce health risks Variable label: HE addresses interpersonal communication skills to enhance health Threshold: All Schools=55 and By Grade Level=19 Q4 5. Does your health education curriculum address using decision-making skills to enhance health? Yes A. B. No C. NA Numerator: Respondents who answered A for Q4 5 Respondents who answered A, B, or C for Q4 5 Denominator: Percentage of schools in which the health education curriculum addresses using Summary text: decision-making skills to enhance health Variable label: HE addresses decision-making skills to enhance health All Schools=55 and By Grade Level=19 Threshold: Q4 6. Does your health education curriculum address using goal-setting skills to enhance health? A. Yes B. No C. NA Numerator: Respondents who answered A for Q4 6 Denominator: Respondents who answered A, B, or C for Q4 6 Percentage of schools in which the health education curriculum addresses using Summary text:

goal-setting skills to enhance health

All Schools=55 and By Grade Level=19

HE addresses goal-setting skills to enhance health

Variable label:

Threshold:

Q4 7. Does your health education curriculum address practicing health-enhancing behaviors to avoid or reduce risks? A. Yes B. No C. NA Numerator: Respondents who answered A for Q4 7 Respondents who answered A, B, or C for Q4 7 Denominator: Percentage of schools in which the health education curriculum addresses Summary text: practicing health-enhancing behaviors to avoid or reduce risks Variable label: HE addresses health-enhancing behaviors All Schools=55 and By Grade Level=19 Threshold: Q4 8. Does your health education curriculum address advocating for personal, family, and community health? Yes A. В. No C. NA Numerator: Respondents who answered A for Q4 8 Respondents who answered A, B, or C for Q4 8 Denominator: Percentage of schools in which the health education curriculum addresses Summary text: advocating for personal, family, and community health HE addresses advocating for health Variable label: Threshold: All Schools=55 and By Grade Level=19 Q5 1. Are those who teach sexual health education at your school provided with an approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction? A. Yes В. No C. NA Numerator: Respondents who answered A for Q5 1 Respondents who answered A or B for Q5 1. Respondents who answered C for Denominator: O5 1 are excluded. Percentage of schools in which those who teach sexual health education are Summary text: provided with an approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction* Footnote: *Among schools that teach sexual health education.

Sex ed materials – approved health education scope and sequence

All Schools=55 and By Grade Level=19

Variable label:

Threshold:

Q5_2. Are those who teach sexual health education at your school provided with a written health education curriculum that includes objectives and content addressing sexual health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q5 2

Denominator: Respondents who answered A or B for Q5 2. Respondents who answered C for

Q5 2 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with a written health education curriculum that includes objectives and

content addressing sexual health education*

Footnote: *Among schools that teach sexual health education. Variable label: Sex ed materials – written health education curriculum

Threshold: All Schools=55 and By Grade Level=19

Q5_3. Are those who teach sexual health education at your school provided with teacher pacing guides for sexual health education (i.e., schedules that regulate a teacher's pace of the unit or curriculum)?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q5_3

Denominator: Respondents who answered A or B for Q5 3. Respondents who answered C for

Q5 3 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with teacher pacing guides for sexual health education (i.e., schedules that

regulate a teacher's pace of the unit or curriculum)*

Footnote: *Among schools that teach sexual health education.

Variable label: Sex ed materials – teacher pacing guides Threshold: All Schools=55 and By Grade Level=19

Q5_4. Are those who teach sexual health education at your school provided with teaching resources (e.g., lesson plans, handouts) to support sexual health education instruction?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q5 4

Denominator: Respondents who answered A or B for Q5_4. Respondents who answered C for

Q5 4 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with teaching resources (e.g., lesson plans, handouts) to support sexual

health education instruction*

Footnote: *Among schools that teach sexual health education.

Variable label: Sex ed materials – teaching resources
Threshold: All Schools=55 and By Grade Level=19

Q5_5. Are those who teach sexual health education at your school provided with strategies that are age-appropriate, relevant, and actively engage students in learning?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q5 5

Denominator: Respondents who answered A or B for Q5 5. Respondents who answered C for

Q5 5 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with strategies that are age-appropriate, relevant, and actively engage

students in learning*

Footnote: *Among schools that teach sexual health education. Variable label: Sex ed materials – engage students in learning strategies

Threshold: All Schools=55 and By Grade Level=19

Q5_6. Are those who teach sexual health education at your school provided with methods to assess student knowledge and skills related to sexual health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q5 6

Denominator: Respondents who answered A or B for Q5_6. Respondents who answered C for

Q5 6 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with methods to assess student knowledge and skills related to sexual

health education*

Footnote: *Among schools that teach sexual health education.

Variable label: Sex ed materials – assess student knowledge and skills methods

Threshold: All Schools=55 and By Grade Level=19

Q6. Is health education instruction required for students in any of grades 6 through 12 in your school?

A. Yes B. No

Numerator: Respondents who answered A for Q6
Denominator: Respondents who answered A or B for Q6

Summary text: Percentage of schools in which health education instruction is required for students

in any of grades 6 through 12

Variable label: HE required for any of grades 6-12 Threshold: All Schools=55 and By Grade Level=19

Q7_1. During this school year, have teachers in your school tried to increase student knowledge on alcohol- or other drug-use prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_1 Denominator: Respondents who answered A or B for Q7_1

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

alcohol- or other drug-use prevention in a required course in any of grades 6

through 12 during the current school year

Variable label: Taught alcohol/other drug-use prevention Threshold: All Schools=55 and By Grade Level=19

Q7_2. During this school year, have teachers in your school tried to increase student knowledge on asthma in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_2 Denominator: Respondents who answered A or B for Q7_2

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

asthma in a required course in any of grades 6 through 12 during the current school

year

Variable label: Taught asthma

Threshold: All Schools=55 and By Grade Level=19

Q7_3. During this school year, have teachers in your school tried to increase student knowledge on chronic disease prevention (e.g., diabetes, obesity prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_3
Denominator: Respondents who answered A or B for Q7_3

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

chronic disease prevention (e.g., diabetes, obesity prevention) in a required course

in any of grades 6 through 12 during the current school year

Variable label: Taught chronic disease prevention
Threshold: All Schools=55 and By Grade Level=19

Q7_4. During this school year, have teachers in your school tried to increase student knowledge on epilepsy or seizure disorder in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_4
Denominator: Respondents who answered A or B for Q7_4

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

epilepsy or seizure disorder in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught epilepsy or seizure disorder
Threshold: All Schools=55 and By Grade Level=19

Q7_5. During this school year, have teachers in your school tried to increase student knowledge on food allergies in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_5 Denominator: Respondents who answered A or B for Q7_5

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

food allergies in a required course in any of grades 6 through 12 during the current

school year

Variable label: Taught food allergies

Threshold: All Schools=55 and By Grade Level=19

Q7_6. During this school year, have teachers in your school tried to increase student knowledge on foodborne illness prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_6
Denominator: Respondents who answered A or B for Q7_6

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

foodborne illness prevention in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught foodborne illness prevention
Threshold: All Schools=55 and By Grade Level=19

Q7_7. During this school year, have teachers in your school tried to increase student knowledge on human immunodeficiency virus (HIV) prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_7
Denominator: Respondents who answered A or B for Q7_7

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

human immunodeficiency virus (HIV) prevention in a required course in any of

grades 6 through 12 during the current school year

Variable label: Taught HIV prevention

Threshold: All Schools=55 and By Grade Level=19

Q7_8. During this school year, have teachers in your school tried to increase student knowledge on human sexuality in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_8
Denominator: Respondents who answered A or B for Q7_8

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

human sexuality in a required course in any of grades 6 through 12 during the

current school year

Variable label: Taught human sexuality

Threshold: All Schools=55 and By Grade Level=19

Q7_9. During this school year, have teachers in your school tried to increase student knowledge on infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_9
Denominator: Respondents who answered A or B for Q7_9

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention) in a

required course in any of grades 6 through 12 during the current school year

Variable label: Taught infectious disease prevention
Threshold: All Schools=55 and By Grade Level=19

Q7_10. During this school year, have teachers in your school tried to increase student knowledge on injury prevention and safety in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_10
Denominator: Respondents who answered A or B for Q7_10

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

injury prevention and safety in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught injury prevention and safety
Threshold: All Schools=55 and By Grade Level=19

Q7_11. During this school year, have teachers in your school tried to increase student knowledge on mental and emotional health in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_11
Denominator: Respondents who answered A or B for Q7_11

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

mental and emotional health in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught mental and emotional health
Threshold: All Schools=55 and By Grade Level=19

Q7_12. During this school year, have teachers in your school tried to increase student knowledge on nutrition and dietary behavior in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_12 Denominator: Respondents who answered A or B for Q7_12

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

nutrition and dietary behavior in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught nutrition and dietary behavior
Threshold: All Schools=55 and By Grade Level=19

Q7_13. During this school year, have teachers in your school tried to increase student knowledge on physical activity and fitness in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_13
Denominator: Respondents who answered A or B for Q7_13

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

physical activity and fitness in a required course in any of grades 6 through 12

during the current school year

Variable label: Taught physical activity and fitness
Threshold: All Schools=55 and By Grade Level=19

Q7_14. During this school year, have teachers in your school tried to increase student knowledge on pregnancy prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_14
Denominator: Respondents who answered A or B for Q7_14

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

pregnancy prevention in a required course in any of grades 6 through 12 during the

current school year

Variable label: Taught pregnancy prevention

Threshold: All Schools=55 and By Grade Level=19

Q7_15. During this school year, have teachers in your school tried to increase student knowledge on sexually transmitted disease (STD) prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_15
Denominator: Respondents who answered A or B for Q7_15

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

sexually transmitted disease (STD) prevention in a required course in any of grades

6 through 12 during the current school year

Variable label: Taught STD prevention

Q7_16. During this school year, have teachers in your school tried to increase student knowledge on sleep health (e.g., how much sleep students need, good sleeping habits) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_16
Denominator: Respondents who answered A or B for Q7_16

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

sleep health (e.g., how much sleep students need, good sleeping habits) in a

required course in any of grades 6 through 12 during the current school year

Variable label: Taught sleep health

Threshold: All Schools=55 and By Grade Level=19

Q7_17. During this school year, have teachers in your school tried to increase student knowledge on suicide prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_17
Denominator: Respondents who answered A or B for Q7_17

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

suicide prevention in a required course in any of grades 6 through 12 during the

current school year

Variable label: Taught suicide prevention

Threshold: All Schools=55 and By Grade Level=19

Q7_18. During this school year, have teachers in your school tried to increase student knowledge on tobacco-use prevention or cessation in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_18
Denominator: Respondents who answered A or B for Q7_18

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

tobacco-use prevention or cessation in a required course in any of grades 6 through

12 during the current school year

Variable label: Taught tobacco-use prevention or cessation Threshold: All Schools=55 and By Grade Level=19

Q7_19. During this school year, have teachers in your school tried to increase student knowledge on violence prevention (e.g., bullying, fighting, dating violence prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q7_19
Denominator: Respondents who answered A or B for Q7_19

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

violence prevention (e.g., bullying, fighting, dating violence prevention) in a

required course in any of grades 6 through 12 during the current school year

Variable label: Taught violence prevention

Threshold: All Schools=55 and By Grade Level=19

Q8_1. During this school year, did teachers in your school teach identifying tobacco products and the harmful substances they contain in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_1
Denominator: Respondents who answered A or B for Q8_1

Summary text: Percentage of schools in which teachers taught identifying tobacco products and

the harmful substances they contain in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught tobacco products and harmful substances

Threshold: All Schools=55 and By Grade Level=19

Q8_2. During this school year, did teachers in your school teach identifying short- and long-term health consequences of tobacco product use in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_2 Denominator: Respondents who answered A or B for Q8_2

Summary text: Percentage of schools in which teachers taught identifying short- and long-term

health consequences of tobacco product use in a required course for students in any

of grades 6 through 12 during the current school year

Variable label: Taught health consequences of tobacco product use

Q8_3. During this school year, did teachers in your school teach identifying social, economic, and cosmetic consequences of tobacco product use in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_3
Denominator: Respondents who answered A or B for Q8_3

Summary text: Percentage of schools in which teachers taught identifying social, economic, and

cosmetic consequences of tobacco product use in a required course for students in

any of grades 6 through 12 during the current school year

Variable label: Taught consequences of tobacco product use Threshold: All Schools=55 and By Grade Level=19

Q8_4. During this school year, did teachers in your school teach understanding the addictive nature of nicotine in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_4
Denominator: Respondents who answered A or B for Q8_4

Summary text: Percentage of schools in which teachers taught understanding the addictive nature

of nicotine in a required course for students in any of grades 6 through 12 during

the current school year

Variable label: Taught addictive nature of nicotine
Threshold: All Schools=55 and By Grade Level=19

Q8_5. During this school year, did teachers in your school teach effects of nicotine on the adolescent brain in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_5
Denominator: Respondents who answered A or B for Q8_5

Summary text: Percentage of schools in which teachers taught effects of nicotine on the adolescent

brain in a required course for students in any of grades 6 through 12 during the

current school year

Variable label: Taught effects of nicotine on adolescent brain Threshold: All Schools=55 and By Grade Level=19

Q8_6. During this school year, did teachers in your school teach effects of tobacco product use on athletic performance in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_6
Denominator: Respondents who answered A or B for Q8_6

Summary text: Percentage of schools in which teachers taught effects of tobacco product use on

athletic performance in a required course for students in any of grades 6 through 12

during the current school year

Variable label: Taught effects of tobacco product use on athletic performance

Threshold: All Schools=55 and By Grade Level=19

Q8_7. During this school year, did teachers in your school teach effects of second-hand smoke and benefits of a smoke-free environment in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_7
Denominator: Respondents who answered A or B for Q8_7

Summary text: Percentage of schools in which teachers taught effects of second-hand smoke and

benefits of a smoke-free environment in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught effects of second-hand smoke
Threshold: All Schools=55 and By Grade Level=19

Q8_8. During this school year, did teachers in your school teach understanding the social influences on tobacco product use, including media, family, peers, and culture in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_8
Denominator: Respondents who answered A or B for Q8_8

Summary text: Percentage of schools in which teachers taught understanding the social influences

on tobacco product use, including media, family, peers, and culture in a required

course for students in any of grades 6 through 12 during the current school year

Variable label: Taught social influences on tobacco product use

Q8_9. During this school year, did teachers in your school teach identifying reasons why students do and do not use tobacco products in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_9
Denominator: Respondents who answered A or B for Q8_9

Summary text: Percentage of schools in which teachers taught identifying reasons why students do

and do not use tobacco products in a required course for students in any of grades

6 through 12 during the current school year

Variable label: Taught tobacco product use reasons
Threshold: All Schools=55 and By Grade Level=19

Q8_10. During this school year, did teachers in your school teach making accurate assessments of how many peers use tobacco products in a required course for students in any of grades 6 through

A. Yes B. No

Numerator: Respondents who answered A for Q8_10
Denominator: Respondents who answered A or B for Q8_10

Summary text: Percentage of schools in which teachers taught making accurate assessments of

how many peers use tobacco products in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught assessments of number of peers use tobacco products

Threshold: All Schools=55 and By Grade Level=19

Q8_11. During this school year, did teachers in your school teach using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_11
Denominator: Respondents who answered A or B for Q8_11

Summary text: Percentage of schools in which teachers taught using interpersonal communication

skills to avoid tobacco product use (e.g., refusal skills, assertiveness) in a required course for students in any of grades 6 through 12 during the current school year

The students in any of grades of though 12 dating the eartest sense

Variable label: Taught interpersonal communication skills to avoid tobacco product use

Q8_12. During this school year, did teachers in your school teach using goal-setting and decision-making skills related to not using tobacco products in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_12
Denominator: Respondents who answered A or B for Q8_12

Summary text: Percentage of schools in which teachers taught using goal-setting and decision-

making skills related to not using tobacco products in a required course for students

in any of grades 6 through 12 during the current school year

Variable label: Taught goal-setting skills to avoid tobacco product use

Threshold: All Schools=55 and By Grade Level=19

Q8_13. During this school year, did teachers in your school teach finding valid information and services related to tobacco-use prevention and cessation in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_13
Denominator: Respondents who answered A or B for Q8_13

Summary text: Percentage of schools in which teachers taught finding valid information and

services related to tobacco-use prevention and cessation in a required course for

students in any of grades 6 through 12 during the current school year

Variable label: Taught information on tobacco-use prevention and cessation

Threshold: All Schools=55 and By Grade Level=19

Q8_14. During this school year, did teachers in your school teach supporting others who abstain from or want to quit using tobacco products in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_14
Denominator: Respondents who answered A or B for Q8_14

Summary text: Percentage of schools in which teachers taught supporting others who abstain from

or want to quit using tobacco products in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught supporting others who want to quit using tobacco products

Q8_15. During this school year, did teachers in your school teach identifying harmful effects of tobacco product use on fetal development in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_15
Denominator: Respondents who answered A or B for Q8_15

Summary text: Percentage of schools in which teachers taught identifying harmful effects of

tobacco product use on fetal development in a required course for students in any

of grades 6 through 12 during the current school year

Variable label: Taught harmful effects of tobacco product use on fetal development

Threshold: All Schools=55 and By Grade Level=19

Q8_16. During this school year, did teachers in your school teach relationship between using tobacco products and alcohol or other drugs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_16
Denominator: Respondents who answered A or B for Q8_16

Summary text: Percentage of schools in which teachers taught relationship between using tobacco

products and alcohol or other drugs in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught relationship between tobacco products and alcohol or other drug use

Threshold: All Schools=55 and By Grade Level=19

Q8_17. During this school year, did teachers in your school teach how addiction to tobacco products can be treated in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_17
Denominator: Respondents who answered A or B for Q8_17

Summary text: Percentage of schools in which teachers taught how addiction to tobacco products

can be treated in a required course for students in any of grades 6 through 12 during

the current school year

Variable label: Taught treatment of tobacco product addiction Threshold: All Schools=55 and By Grade Level=19

Q8_18. During this school year, did teachers in your school teach understanding school policies and community laws related to the sale and use of tobacco products in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_18
Denominator: Respondents who answered A or B for Q8_18

Summary text: Percentage of schools in which teachers taught understanding school policies and

community laws related to the sale and use of tobacco products in a required course

for students in any of grades 6 through 12 during the current school year

Variable label: Taught policies and laws for tobacco products sale

Threshold: All Schools=55 and By Grade Level=19

Q8_19. During this school year, did teachers in your school teach benefits of tobacco product cessation programs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q8_19
Denominator: Respondents who answered A or B for Q8_19

Summary text: Percentage of schools in which teachers taught benefits of tobacco product

cessation programs in a required course for students in any of grades 6 through 12

during the current school year

Variable label: Taught benefits of tobacco product cessation programs

Threshold: All Schools=55 and By Grade Level=19

Q9_1. During this school year, did teachers in your school teach about cigarettes in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_1 Denominator: Respondents who answered A or B for Q9_1

Summary text: Percentage of schools in which teachers taught about cigarettes in a required course for

students in any of grades 6 through 12 during the current school year

Variable label: Taught about cigarettes

Q9_2. During this school year, did teachers in your school teach about smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus, dissolvable tobacco) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_2 Denominator: Respondents who answered A or B for Q9_2

Summary text: Percentage of schools in which teachers taught about smokeless tobacco (e.g., chewing

tobacco, snuff, dip, snus, dissolvable tobacco) in a required course for students in any

of grades 6 through 12 during the current school year

Variable label: Taught about smokeless tobacco

Threshold: All Schools=55 and By Grade Level=19

Q9_3. During this school year, did teachers in your school teach about cigars, little cigars, or cigarillos in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_3 Denominator: Respondents who answered A or B for Q9_3

Summary text: Percentage of schools in which teachers taught about cigars, little cigars, or cigarillos

in a required course for students in any of grades 6 through 12 during the current school

year

Variable label: Taught about cigars

Threshold: All Schools=55 and By Grade Level=19

Q9_4. During this school year, did teachers in your school teach about pipes in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_4
Denominator: Respondents who answered A or B for Q9_4

Summary text: Percentage of schools in which teachers taught about pipes in a required course for

students in any of grades 6 through 12 during the current school year

Variable label: Taught about pipes

Q9_5. During this school year, did teachers in your school teach about electronic vapor products (e.g., e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_5 Denominator: Respondents who answered A or B for Q9_5

Summary text: Percentage of schools in which teachers taught about electronic vapor products (e.g., e-

cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL) in a required

course for students in any of grades 6 through 12 during the current school year

Variable label: Taught about electronic vapor products Threshold: All Schools=55 and By Grade Level=19

Q10_1. During this school year, did teachers in your school teach about differences between proper use and abuse of over-the-counter medicines and prescription medicines in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_1 Denominator: Respondents who answered A or B for Q10_1

Summary text: Percentage of schools in which teachers taught about differences between proper use

and abuse of over-the-counter medicines and prescription medicines in a required

course for students in any of grades 6 through 12 during the current school year

Variable label: Taught about proper medicine use and abuse Threshold: All Schools=55 and By Grade Level=19

Q10_2. During this school year, did teachers in your school teach about harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_2 Denominator: Respondents who answered A or B for Q10_2

Summary text: Percentage of schools in which teachers taught about harmful short- and long-term

physical, psychological, and social effects of using alcohol and other drugs in a required

course for students in any of grades 6 through 12 during the current school year

Variable label: Taught about harmful effects of alcohol/drug use

Q10_3. During this school year, did teachers in your school teach about situations that lead to the use of alcohol and other drugs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_3 Denominator: Respondents who answered A or B for Q10_3

Summary text: Percentage of schools in which teachers taught about situations that lead to the use of

alcohol and other drugs in a required course for students in any of grades 6 through 12

during the current school year

Variable label: Taught about situations that lead to alcohol/drug use

Threshold: All Schools=55 and By Grade Level=19

Q10_4. During this school year, did teachers in your school teach about alcohol and other drug use as an unhealthy way to manage weight in a required course for students in any of grades 6 through 12?

A. Yes

B. No

Numerator: Respondents who answered A for Q10_4
Denominator: Respondents who answered A or B for Q10_4

Summary text: Percentage of schools in which teachers taught about alcohol and other drug use as an

unhealthy way to manage weight in a required course for students in any of grades 6

through 12 during the current school year

Variable label: Taught about alcohol/drug use as unhealthy way to manage weight

Threshold: All Schools=55 and By Grade Level=19

Q10_5. During this school year, did teachers in your school teach about identifying reasons why individuals choose to use or not to use alcohol and other drugs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_5
Denominator: Respondents who answered A or B for Q10_5

Summary text: Percentage of schools in which teachers taught about identifying reasons why

individuals choose to use or not to use alcohol and other drugs in a required course for

students in any of grades 6 through 12 during the current school year

Variable label: Taught about reasons for alcohol/drug use Threshold: All Schools=55 and By Grade Level=19

Q10_6. During this school year, did teachers in your school teach about using interpersonal communication skills to avoid alcohol and other drug use (e.g., refusal skills, assertiveness) in a required course for students in any of grades 6 through 12?

A. Yes

B. No

Numerator: Respondents who answered A for Q10_6
Denominator: Respondents who answered A or B for Q10_6

Summary text: Percentage of schools in which teachers taught about using interpersonal

communication skills to avoid alcohol and other drug use (e.g., refusal skills, assertiveness) in a required course for students in any of grades 6 through 12 during the

current school year

Variable label: Taught interpersonal communication skills to avoid alcohol/drug use

Threshold: All Schools=55 and By Grade Level=19

Q10_7. During this school year, did teachers in your school teach about supporting others who abstain from or want to quit using alcohol and other drugs in a required course for students in any of grades 6 through 12?

A. Yes

B. No

Numerator: Respondents who answered A for Q10_7
Denominator: Respondents who answered A or B for Q10_7

Summary text: Percentage of schools in which teachers taught about supporting others who abstain

from or want to quit using alcohol and other drugs in a required course for students in

any of grades 6 through 12 during the current school year

Variable label: Taught supporting others who want to quit using alcohol/drugs

Threshold: All Schools=55 and By Grade Level=19

Q10_8. During this school year, did teachers in your school teach about understanding the social influences on alcohol and other drug use, including media, family, peers, and culture in a required course for students in any of grades 6 through 12?

A. Yes

B. No

Numerator: Respondents who answered A for Q10_8
Denominator: Respondents who answered A or B for Q10_8

Summary text: Percentage of schools in which teachers taught about understanding the social

influences on alcohol and other drug use, including media, family, peers, and culture in a required course for students in any of grades 6 through 12 during the current school

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Variable label: Taught social influences on alcohol/drug use Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach how to persuade and support others to be alcohol and other drug free in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q10 9 Respondents who answered A or B for Q10 9 Denominator: Summary text: Percentage of schools in which teachers taught how to persuade and support others to be alcohol and other drug free in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught persuading others to be alcohol/drug free Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how HIV and other STDs are Q11 1 1. transmitted in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 1 Denominator: Respondents who answered A or B for Q11 1 1. Respondents who answered C for Q11 1 1 are excluded. Percentage of schools in which teachers taught how HIV and other STDs are Summary text: transmitted in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught HIV and STD transmission Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach health consequences of HIV, Q11 1 2. other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. В. No NA Respondents who answered A for Q11 1 2 Numerator: Respondents who answered A or B for Q11 1 2. Respondents who answered C for Denominator: O11 1 2 are excluded. Percentage of schools in which teachers taught health consequences of HIV, other Summary text: STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught HIV/STD health consequences All Schools=55 and By Grade Level=19 Threshold:

O11 1 3. During this school year, did teachers in your school teach the benefits of being sexually abstinent in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 3 Denominator: Respondents who answered A or B for Q11 1 3. Respondents who answered C for Q11 1 3 are excluded. Summary text: Percentage of schools in which teachers taught the benefits of being sexually abstinent in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught sex abstinence benefits All Schools=55 and By Grade Level=19 Threshold: Q11 1 4. During this school year, did teachers in your school teach how to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Numerator: Respondents who answered A for Q11 1 4 Respondents who answered A or B for Q11 1 4. Respondents who answered C for Denominator: O11 1 4 are excluded. Percentage of schools in which teachers taught how to access valid and reliable Summary text: health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught accessing HIV/STD information Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the influences of family, peers, Q11 1 5. media, technology and other factors on sexual risk behaviors in a required course for students in grades 6, 7, or 8? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 1 5 Respondents who answered A or B for Q11 1 5. Respondents who answered C for Denominator: Q11 1 5 are excluded. Summary text: Percentage of schools in which teachers taught the influences of family, peers, media, technology and other factors on sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year MS taught family influences on sexual risk behaviors Variable label: All Schools=55 and By Grade Level=19

Threshold:

Q11 1 6. During this school year, did teachers in your school teach communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 1 6 Respondents who answered A or B for Q11 1 6. Respondents who answered C for Denominator: Q11 1 6 are excluded. Percentage of schools in which teachers taught communication and negotiation Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught communication skills for HIV/STD risk reduction Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach goal-setting and decision-making Q11 1 7. skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. No В. C. NA Numerator: Respondents who answered A for Q11 1 7 Respondents who answered A or B for Q11 1 7. Respondents who answered C for Denominator: Q11 1 7 are excluded. Summary text: Percentage of schools in which teachers taught goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught goal-setting skills for HIV/STD risk reduction Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach influencing and supporting Q11 1 8. others to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 8 Respondents who answered A or B for Q11 1 8. Respondents who answered C for Denominator: Q11 1 8 are excluded. Percentage of schools in which teachers taught influencing and supporting others Summary text: to avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught influencing others to avoid sexual risk behaviors

All Schools=55 and By Grade Level=19

Threshold:

O11 1 9. During this school year, did teachers in your school teach efficacy of condoms, that is, how well condoms work and do not work in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 1 9 Respondents who answered A or B for Q11 1 9. Respondents who answered C for Denominator: Q11 1 9 are excluded. Percentage of schools in which teachers taught efficacy of condoms, that is, how Summary text: well condoms work and do not work in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught efficacy of condoms All Schools=55 and By Grade Level=19 Threshold: Q11 1 10. During this school year, did teachers in your school teach the importance of using condoms consistently and correctly in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Numerator: Respondents who answered A for Q11 1 10 Respondents who answered A or B for Q11 1 10. Respondents who answered C Denominator: for O11 1 10 are excluded. Percentage of schools in which teachers taught the importance of using condoms Summary text: consistently and correctly in a required course for students in any of grades 6, 7, or 8 during the current school year MS taught importance of condoms Variable label: Threshold: All Schools=55 and By Grade Level=19 Q11 1 11. During this school year, did teachers in your school teach how to obtain condoms in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 11 Respondents who answered A or B for Q11 1 11. Respondents who answered C Denominator: for Q11 1 11 are excluded. Summary text: Percentage of schools in which teachers taught how to obtain condoms in a required course for students in any of grades 6, 7, or 8 during the current school year MS taught how to obtain condoms Variable label: Threshold: All Schools=55 and By Grade Level=19

Q11 1 12. During this school year, did teachers in your school teach how to correctly use a condom in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 12 Denominator: Respondents who answered A or B for Q11 1 12. Respondents who answered C for Q11 1 12 are excluded. Summary text: Percentage of schools in which teachers taught how to correctly use a condom in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught correct use of condom Threshold: All Schools=55 and By Grade Level=19 Q11 1 13. During this school year, did teachers in your school teach methods of contraception other than condoms in a required course for students in grades 6, 7, or 8? A. Yes No B. C. NA Numerator: Respondents who answered A for Q11 1 13 Respondents who answered A or B for Q11 1 13. Respondents who answered C Denominator: for Q11 1 13 are excluded. Summary text: Percentage of schools in which teachers taught methods of contraception other than condoms in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught other contraception methods All Schools=55 and By Grade Level=19 Threshold: Q11 1 14. During this school year, did teachers in your school teach the importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 14 Respondents who answered A or B for Q11 1 14. Respondents who answered C Denominator: for Q11 1 14 are excluded. Summary text: Percentage of schools in which teachers taught the importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught importance of using condom and another contraception

All Schools=55 and By Grade Level=19

Threshold:

Q11 1 15. During this school year, did teachers in your school teach how to create and sustain healthy and respectful relationships in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 15 Denominator: Respondents who answered A or B for Q11 1 15. Respondents who answered C for Q11 1 15 are excluded. Summary text: Percentage of schools in which teachers taught how to create and sustain healthy and respectful relationships in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught healthy relationships Threshold: All Schools=55 and By Grade Level=19 Q11 1 16. During this school year, did teachers in your school teach the importance of limiting the number of sexual partners in a required course for students in grades 6, 7, or 8? A. Yes No B. C. NA Numerator: Respondents who answered A for Q11 1 16 Respondents who answered A or B for Q11 1 16. Respondents who answered C Denominator: for Q11 1 16 are excluded. Summary text: Percentage of schools in which teachers taught the importance of limiting the number of sexual partners in a required course for students in any of grades 6, 7, or Variable label: MS taught limiting sex partners All Schools=55 and By Grade Level=19 Threshold: Q11 1 17. During this school year, did teachers in your school teach preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 17 Respondents who answered A or B for Q11 1 17. Respondents who answered C Denominator: for Q11 1 17 are excluded. Summary text: Percentage of schools in which teachers taught preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught preventive care

All Schools=55 and By Grade Level=19

Threshold:

Q11 1 18. During this school year, did teachers in your school teach how to communicate sexual consent between partners in a required course for students in grades 6, 7, or 8? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 1 18 Denominator: Respondents who answered A or B for Q11 1 18. Respondents who answered C for Q11 1 18 are excluded. Summary text: Percentage of schools in which teachers taught how to communicate sexual consent between partners in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught sexual consent All Schools=55 and By Grade Level=19 Threshold: Q11 1 19. During this school year, did teachers in your school teach recognizing and responding to sexual victimization and violence in a required course for students in grades 6, 7, or 8? A. Yes No B. C. NA Numerator: Respondents who answered A for Q11 1 19 Denominator: Respondents who answered A or B for Q11 1 19. Respondents who answered C for Q11 1 19 are excluded. Summary text: Percentage of schools in which teachers taught recognizing and responding to sexual victimization and violence in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught recognizing sexual victimization All Schools=55 and By Grade Level=19 Threshold: Q11 1 20. During this school year, did teachers in your school teach diversity of sexual orientations and gender identities in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 1 20 Denominator: Respondents who answered A or B for Q11 1 20. Respondents who answered C for Q11 1 20 are excluded. Percentage of schools in which teachers taught diversity of sexual orientations and Summary text: gender identities in a required course for students in any of grades 6, 7, or 8 during the current school year MS taught sexual diversity Variable label:

All Schools=55 and By Grade Level=19

Q11 1 21. During this school year, did teachers in your school teach how gender roles and stereotypes affect goals, decision making, and relationships in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 1 21 Respondents who answered A or B for Q11 1 21. Respondents who answered C Denominator: for Q11 1 21 are excluded. Percentage of schools in which teachers taught how gender roles and stereotypes Summary text: affect goals, decision making, and relationships in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught effect of gender roles and stereotypes Threshold: All Schools=55 and By Grade Level=19 Q11 1 22. During this school year, did teachers in your school teach the relationship between alcohol and other drug use and sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes В. No NA C. Numerator: Respondents who answered A for Q11 1 22 Respondents who answered A or B for Q11 1 22. Respondents who answered C Denominator: for Q11 1 22 are excluded. Percentage of schools in which teachers taught the relationship between alcohol Summary text: and other drug use and sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS taught relationship between alcohol and other drug use and sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 Q11 2 1. During this school year, did teachers in your school teach how HIV and other STDs are transmitted in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 2 1 Respondents who answered A or B for Q11 2 1. Respondents who answered C for Denominator: Q11 2 1 are excluded. Summary text: Percentage of schools in which teachers taught how HIV and other STDs are transmitted in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught HIV and STD transmission Variable label: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach health consequences of HIV, Q11 2 2. other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 2 Denominator: Respondents who answered A or B for Q11 2 2. Respondents who answered C for Q11 2 2 are excluded. Summary text: Percentage of schools in which teachers taught health consequences of HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught HIV/STD health consequences Threshold: All Schools=55 and By Grade Level=19 O11 2 3. During this school year, did teachers in your school teach the benefits of being sexually abstinent in a required course for students in grades 9, 10, 11, or 12? A. Yes No B. C. NA Numerator: Respondents who answered A for Q11 2 3 Respondents who answered A or B for Q11 2 3. Respondents who answered C for Denominator: Q11 2 3 are excluded. Summary text: Percentage of schools in which teachers taught the benefits of being sexually abstinent in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught sex abstinence benefits Threshold: All Schools=55 and By Grade Level=19 Q11 2 4. During this school year, did teachers in your school teach how to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 4 Respondents who answered A or B for Q11 2 4. Respondents who answered C for Denominator: Q11 2 4 are excluded. Summary text: Percentage of schools in which teachers taught how to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught accessing HIV/STD information Variable label: All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach the influences of family, peers, Q11 2 5. media, technology and other factors on sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 5 Respondents who answered A or B for Q11 2 5. Respondents who answered C for Denominator: Q11 2 5 are excluded. Percentage of schools in which teachers taught the influences of family, peers, Summary text: media, technology and other factors on sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught family influences on sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 Q11 2 6. During this school year, did teachers in your school teach communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 6 Denominator: Respondents who answered A or B for Q11 2 6. Respondents who answered C for O11 2 6 are excluded. Percentage of schools in which teachers taught communication and negotiation Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught communication skills for HIV/STD risk reduction Threshold: All Schools=55 and By Grade Level=19 Q11 2 7. During this school year, did teachers in your school teach goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 2 7 Respondents who answered A or B for Q11 2 7. Respondents who answered C for Denominator: Q11 2 7 are excluded. Summary text: Percentage of schools in which teachers taught goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught goal-setting skills for HIV/STD risk reduction

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach influencing and supporting Q11 2 8. others to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 8 Respondents who answered A or B for Q11 2 8. Respondents who answered C for Denominator: Q11 2 8 are excluded. Percentage of schools in which teachers taught influencing and supporting others Summary text: to avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught influencing others to avoid sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 Q11 2 9. During this school year, did teachers in your school teach efficacy of condoms, that is, how well condoms work and do not work in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 9 Denominator: Respondents who answered A or B for Q11 2 9. Respondents who answered C for O11 2 9 are excluded. Percentage of schools in which teachers taught efficacy of condoms, that is, how Summary text: well condoms work and do not work in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught efficacy of condoms Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the importance of using condoms Q11 2 10. consistently and correctly in a required course for students in grades 9, 10, 11, or 12? Α. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 10 Denominator: Respondents who answered A or B for Q11 2 10. Respondents who answered C for Q11 2 10 are excluded. Percentage of schools in which teachers taught the importance of using condoms Summary text: consistently and correctly in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught importance of condoms Variable label:

All Schools=55 and By Grade Level=19

Q11 2 11. During this school year, did teachers in your school teach how to obtain condoms in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 11 Denominator: Respondents who answered A or B for Q11 2 11. Respondents who answered C for Q11 2 11 are excluded. Summary text: Percentage of schools in which teachers taught how to obtain condoms in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught how to obtain condoms Threshold: All Schools=55 and By Grade Level=19 Q11 2 12. During this school year, did teachers in your school teach how to correctly use a condom in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 12 Denominator: Respondents who answered A or B for Q11 2 12. Respondents who answered C for Q11 2 12 are excluded. Percentage of schools in which teachers taught how to correctly use a condom in a Summary text: required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught correct use of condom Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach methods of contraception other Q11 2 13. than condoms in a required course for students in grades 9, 10, 11, or 12? Yes A. В. No NA Respondents who answered A for Q11 2 13 Numerator: Respondents who answered A or B for Q11 2 13. Respondents who answered C Denominator: for O11 2 13 are excluded. Summary text: Percentage of schools in which teachers taught methods of contraception other than condoms in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught other contraception methods

All Schools=55 and By Grade Level=19

Q11_2_14. During this school year, did teachers in your school teach the importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 14 Respondents who answered A or B for Q11 2 14. Respondents who answered C Denominator: for Q11 2 14 are excluded. Percentage of schools in which teachers taught the importance of using a condom Summary text: at the same time as another form of contraception to prevent both STDs and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught importance of using condom and another contraception Threshold: All Schools=55 and By Grade Level=19 Q11 2 15. During this school year, did teachers in your school teach how to create and sustain healthy and respectful relationships in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 15 Respondents who answered A or B for Q11 2 15. Respondents who answered C Denominator: for O11 2 15 are excluded. Percentage of schools in which teachers taught how to create and sustain healthy Summary text: and respectful relationships in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught healthy relationships Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the importance of limiting the Q11 2 16. number of sexual partners in a required course for students in grades 9, 10, 11, or 12? Α. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 16 Denominator: Respondents who answered A or B for Q11 2 16. Respondents who answered C for Q11 2 16 are excluded. Percentage of schools in which teachers taught the importance of limiting the Summary text: number of sexual partners in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught limiting sex partners

All Schools=55 and By Grade Level=19

Q11 2 17. During this school year, did teachers in your school teach preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 17 Respondents who answered A or B for Q11 2 17. Respondents who answered C Denominator: for Q11 2 17 are excluded. Percentage of schools in which teachers taught preventive care (such as screenings Summary text: and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught preventive care All Schools=55 and By Grade Level=19 Threshold: Q11 2 18. During this school year, did teachers in your school teach how to communicate sexual consent between partners in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 18 Respondents who answered A or B for Q11 2 18. Respondents who answered C Denominator: for O11 2 18 are excluded. Percentage of schools in which teachers taught how to communicate sexual consent Summary text: between partners in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught sexual consent Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach recognizing and responding to Q11 2 19. sexual victimization and violence in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 2 19 Denominator: Respondents who answered A or B for Q11 2 19. Respondents who answered C for Q11 2 19 are excluded. Summary text: Percentage of schools in which teachers taught recognizing and responding to sexual victimization and violence in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught recognizing sexual victimization Variable label: All Schools=55 and By Grade Level=19

Q11 2 20. During this school year, did teachers in your school teach diversity of sexual orientations and gender identities in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 20 Denominator: Respondents who answered A or B for Q11 2 20. Respondents who answered C for Q11 2 20 are excluded. Summary text: Percentage of schools in which teachers taught diversity of sexual orientations and gender identities in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught sexual diversity Threshold: All Schools=55 and By Grade Level=19 Q11 2 21. During this school year, did teachers in your school teach how gender roles and stereotypes affect goals, decision making, and relationships in a required course for students in grades 9, 10, 11, or 12? Yes A. В. No C. NA Numerator: Respondents who answered A for Q11 2 21 Respondents who answered A or B for Q11 2 21. Respondents who answered C Denominator: for O11 2 21 are excluded. Percentage of schools in which teachers taught how gender roles and stereotypes Summary text: affect goals, decision making, and relationships in a required course for students in any of grades 9, 10, 11, or 12 during the current school year HS taught effect of gender roles and stereotypes Variable label: All Schools=55 and By Grade Level=19 Threshold: Q11 2 22. During this school year, did teachers in your school teach the relationship between alcohol and other drug use and sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Α. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 22 Respondents who answered A or B for Q11 2 22. Respondents who answered C Denominator: for Q11 2 22 are excluded. Percentage of schools in which teachers taught the relationship between alcohol Summary text: and other drug use and sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS taught the relationship between alcohol and other drug use and sexual risk behaviors

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to Q12 1 1. comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 1 Respondents who answered A or B for Q12 1 1. Respondents who answered C for Denominator: Q12 1 1 are excluded. Percentage of schools in which teachers assessed the ability of students to Summary text: comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS assessed student comprehension Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to Q12 1 2. analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in grades 6, 7, or 8? Yes A. No В. C. NA Numerator: Respondents who answered A for Q12 1 2 Respondents who answered A or B for Q12 1 2. Respondents who answered C for Denominator: Q12 1 2 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS assessed student ability to analyze family influence on sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to Q12 1 3. access valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 3 Respondents who answered A or B for Q12 1 3. Respondents who answered C for Denominator: Q12 1 3 are excluded. Percentage of schools in which teachers assessed the ability of students to access Summary text: valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year MS assessed student ability to access HIV/STD information Variable label:

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to use Q12 1 4. interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q12 1 4 Respondents who answered A or B for Q12 1 4. Respondents who answered C for Denominator: Q12 1 4 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS assessed student interpersonal communication skills Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to use Q12 1 5. decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 5 Respondents who answered A or B for Q12 1 5. Respondents who answered C for Denominator: Q12 1 5 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to use decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 during the current school year MS assessed student decision-making skills for HIV/STD prevention Variable label: Threshold: All Schools=55 and By Grade Level=19 Q12 1 6. During this school year, did teachers in your school assess the ability of students to set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in grades 6, 7, or 8? Yes A. B. No C. NA Numerator: Respondents who answered A for Q12 1 6 Respondents who answered A or B for Q12 1 6. Respondents who answered C for Denominator: Q12 1 6 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS assessed student goal-setting ability

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to Q12 1 7. influence and support others to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q12 1 7 Respondents who answered A or B for Q12 1 7. Respondents who answered C for Denominator: Q12 1 7 are excluded. Percentage of schools in which teachers assessed the ability of students to influence Summary text: and support others to avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 during the current school year Variable label: MS assessed student influence on sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 Q12 2 1. During this school year, did teachers in your school assess the ability of students to comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q12 2 1 Denominator: Respondents who answered A or B for Q12 2 1. Respondents who answered C for O12 2 1 are excluded. Percentage of schools in which teachers assessed the ability of students to Summary text: comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student comprehension Threshold: All Schools=55 and By Grade Level=19 Q12 2 2. During this school year, did teachers in your school assess the ability of students to analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q12 2 2 Respondents who answered A or B for Q12 2 2. Respondents who answered C for Denominator: Q12 2 2 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student ability to analyze family influence on sexual risk behaviors

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to Q12 2 3. access valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q12 2 3 Respondents who answered A or B for Q12 2 3. Respondents who answered C for Denominator: Q12 2 3 are excluded. Percentage of schools in which teachers assessed the ability of students to access Summary text: valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student ability to access HIV/STD information Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to use Q12 2 4. interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. No В. C. NA Numerator: Respondents who answered A for Q12 2 4 Respondents who answered A or B for Q12 2 4. Respondents who answered C for Denominator: Q12 2 4 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to use interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student interpersonal communication skills Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to use Q12 2 5. decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q12 2 5 Respondents who answered A or B for Q12 2 5. Respondents who answered C for Denominator: Q12 2 5 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student decision-making skills for HIV/STD prevention

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to set Q12 2 6. personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 6 Respondents who answered A or B for Q12 2 6. Respondents who answered C for Denominator: Q12 2 6 are excluded. Percentage of schools in which teachers assessed the ability of students to set Summary text: personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student goal-setting ability Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to Q12 2 7. influence and support others to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 7 Respondents who answered A or B for Q12 2 7. Respondents who answered C for Denominator: Q12 2 7 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to influence and support others to avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 during the current school year Variable label: HS assessed student influence on sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 Q13 1. During this school year, did teachers in your school provide students with the opportunity to practice communication, decision-making, goal-setting, or refusal skills related to sexual health (e.g., through role playing) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q13 1 Respondents who answered A or B for Q13 1 Denominator: Percentage of schools in which teachers provided students with the opportunity to Summary text: practice communication, decision-making, goal-setting, or refusal skills related to sexual health (e.g., through role playing) in a required course for students in any of

grades 6 through 12 during the current school year.

All Schools=55 and By Grade Level=19

Students can practice skills

Variable label:

Q13_2. During this school year, did teachers in your school provide students with the opportunity to practice analyzing the influence of family, peers, culture, media, or technology on sexual health in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q13_2 Denominator: Respondents who answered A or B for Q13_2

Summary text: Percentage of schools in which teachers provided students with the opportunity to

practice analyzing the influence of family, peers, culture, media, or technology on sexual health in a required course for students in any of grades 6 through 12 during

the current school year.

Variable label: Students can practice analyzing influence of family/peers/culture/media/

technology

Threshold: All Schools=55 and By Grade Level=19

Q13_3. During this school year, did teachers in your school provide students with the opportunity to practice accessing valid sexual health information, products, and services in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q13_3
Denominator: Respondents who answered A or B for Q13_3

Summary text: Percentage of schools in which teachers provided students with the opportunity to

practice accessing valid sexual health information, products, and services in a required course for students in any of grades 6 through 12 during the current school

year.

Variable label: Students can practice accessing information Threshold: All Schools=55 and By Grade Level=19

Q14_1. During this school year, did teachers in your school encourage use of gender-neutral pronouns such as "they/them" to recognize gender diversity among students when providing sexual health education in a required course for students in grades 6 through 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q14 1

Denominator: Respondents who answered A or B for Q14_1. Respondents who answered C for

Q14 1 are excluded.

Summary text: Percentage of schools in which teachers encouraged use of gender-neutral pronouns

such as "they/them" to recognize gender diversity among students when providing sexual health education in a required course for students in grades 6 through 12

during the current school year.*

Footnote: *Among schools that teach sexual health education.
Variable label: Inclusive practices – encouraged gender-neutral pronouns

Threshold: All Schools=55 and By Grade Level=19

Q14 2. During this school year, did teachers in your school provide positive examples of lesbian, gay, bisexual, or transgender (LGBT) people and same-sex or gender relationships (e.g., family, peer, or romantic) when providing sexual health education in a required course for students in grades 6 through 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q14 2 Denominator: Respondents who answered A or B for Q14 2. Respondents who answered C for Q14 2 are excluded. Summary text: Percentage of schools in which teachers provided positive examples of lesbian, gay, bisexual, or transgender (LGBT) people and same-sex or gender relationships (e.g., family, peer, or romantic) when providing sexual health education in a required course for students in grades 6 through 12 during the current school year.* *Among schools that teach sexual health education. Footnote: Inclusive practices – provided positive examples of LGBT people Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school encourage students to respect others' Q14 3. sexual and gender identities when providing sexual health education in a required course for students in grades 6 through 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q14 3 Denominator: Respondents who answered A or B for Q14 3. Respondents who answered C for O14 3 are excluded. Summary text: Percentage of schools in which teachers encouraged students to respect others' sexual and gender identities when providing sexual health education in a required

course for students in grades 6 through 12 during the current school year.*

*Among schools that teach sexual health education.

All Schools=55 and By Grade Level=19

Footnote:

Q14 4. During this school year, did teachers in your school provide students with information about LGBT resources within the school (e.g., counseling services, student support groups like Gay/Straight Alliances or Genders and Sexualities Alliances) when providing sexual health education in a required course for students in grades 6 through 12? Yes A. No B. C. NA Numerator: Respondents who answered A for Q14 4 Denominator: Respondents who answered A or B for Q14_4. Respondents who answered C for Q14 4 are excluded. Summary text: Percentage of schools in which teachers provided students with information about LGBT resources within the school (e.g., counseling services, student support groups like Gay/Straight Alliances or Genders and Sexualities Alliances) when providing sexual health education in a required course for students in grades 6 through 12 during the current school year.* *Among schools that teach sexual health education. Footnote: Variable label: Inclusive practices – provided information about LGBT resources within school All Schools=55 and By Grade Level=19 Threshold: Q14 5. During this school year, did teachers in your school identify additional LGBT resources available in the community or online when providing sexual health education in a required course for students in grades 6 through 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q14 5 Denominator: Respondents who answered A or B for Q14 5. Respondents who answered C for Q14 5 are excluded. Percentage of schools in which teachers identified additional LGBT resources Summary text: available in the community or online when providing sexual health education in a required course for students in grades 6 through 12 during the current school year.* *Among schools that teach sexual health education. Footnote: Variable label: Inclusive practices – identified LGBT resources available outside of school Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the benefits of healthy eating in Q15 1. a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 1 Denominator: Respondents who answered A or B for Q15 1 Percentage of schools in which teachers taught the benefits of healthy eating in a Summary text:

required course for students in any of grades 6 through 12 during the current school

year

Taught benefits of healthy eating

All Schools=55 and By Grade Level=19

Variable label:

During this school year, did teachers in your school teach the benefits of drinking plenty Q15 2. of water in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 2 Denominator: Respondents who answered A or B for Q15 2 Percentage of schools in which teachers taught benefits of drinking plenty of water Summary text: in a required course for students in any of grades 6 through 12 during the current school year Taught benefits of drinking plenty of water Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 3. During this school year, did teachers in your school teach the benefits of eating breakfast every day in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 3 Denominator: Respondents who answered A or B for Q15 3 Percentage of schools in which teachers taught benefits of eating breakfast every Summary text: day in a required course for students in any of grades 6 through 12 during the current school year Taught benefits of eating breakfast every day Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach food guidance using the current Q15 4. Dietary Guidelines for Americans (e.g., MyPlate, healthy eating patterns) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 4 Respondents who answered A or B for Q15 4 Denominator: Percentage of schools in which teachers taught food guidance using the current Summary text: Dietary Guidelines for Americans (e.g., MyPlate, healthy eating patterns) in a required course for students in any of grades 6 through 12 during the current school Variable label: Taught food guidance using current Dietary Guidelines for Americans Threshold: All Schools=55 and By Grade Level=19

Q15 5. During this school year, did teachers in your school teach using food labels in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 5 Denominator: Respondents who answered A or B for Q15 5 Percentage of schools in which teachers taught using food labels in a required Summary text: course for students in any of grades 6 through 12 during the current school year Variable label: Taught using food labels All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach differentiating between Q15 6. nutritious and non-nutritious beverages in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q15 6 Denominator: Respondents who answered A or B for Q15 6 Percentage of schools in which teachers taught differentiating between nutritious Summary text: and non-nutritious beverages in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught differentiating nutritious/non-nutritious beverages All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach balancing food intake and Q15 7. physical activity in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q15 7 Denominator: Respondents who answered A or B for Q15 7 Percentage of schools in which teachers taught balancing food intake and physical Summary text: activity in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught balancing food intake and physical activity All Schools=55 and By Grade Level=19 Threshold:

Q15 8. During this school year, did teachers in your school teach eating more fruits, vegetables, and whole grain products in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 8 Denominator: Respondents who answered A or B for Q15 8 Percentage of schools in which teachers taught eating more fruits, vegetables, and Summary text: whole grain products in a required course for students in any of grades 6 through 12 during the current school year Taught eating more fruits, vegetables, whole grain products Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 9. During this school year, did teachers in your school teach choosing a variety of options within each food group in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 9 Denominator: Respondents who answered A or B for Q15 9 Percentage of schools in which teachers taught choosing a variety of options within Summary text: each food group in a required course for students in any of grades 6 through 12 during the current school year Taught choosing a variety of options within each food group Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach choosing nutrient-dense foods Q15 10. and beverages that reflect personal preferences, culture, and budget in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 10 Respondents who answered A or B for Q15 10 Denominator: Percentage of schools in which teachers taught choosing nutrient-dense foods and Summary text: beverages that reflect personal preferences, culture, and budget in a required course for students in any of grades 6 through 12 during the current school year Taught choosing nutrient-dense foods and beverages that reflect personal Variable label: preferences, culture, and budget All Schools=55 and By Grade Level=19 Threshold:

Q15_11. During this school year, did teachers in your school teach choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_11
Denominator: Respondents who answered A or B for Q15_11

Summary text: Percentage of schools in which teachers taught choosing foods and snacks that are

low in solid fat (i.e., saturated and trans fat) in a required course for students in any

of grades 6 through 12 during the current school year

Variable label: Taught choosing low solid fat foods
Threshold: All Schools=55 and By Grade Level=19

Q15_12. During this school year, did teachers in your school teach choosing foods, snacks, and beverages that are low in added sugars in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_12
Denominator: Respondents who answered A or B for Q15_12

Summary text: Percentage of schools in which teachers taught choosing foods, snacks, and

beverages that are low in added sugar in a required course for students in any of

grades 6 through 12 during the current school year

Variable label: Taught choosing low added sugar foods Threshold: All Schools=55 and By Grade Level=19

Q15_13. During this school year, did teachers in your school teach choosing foods and snacks that are low in sodium in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_13
Denominator: Respondents who answered A or B for Q15_13

Summary text: Percentage of schools in which teachers taught choosing foods and snacks that are

low in sodium in a required course for students in any of grades 6 through 12 during

the current school year

Variable label: Taught choosing low sodium foods
Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach eating a variety of foods that are Q15 14. high in calcium in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 14 Denominator: Respondents who answered A or B for Q15 14 Percentage of schools in which teachers taught eating a variety of foods that are Summary text: high in calcium in a required course for students in any of grades 6 through 12 during the current school year Taught eating high calcium foods Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 15. During this school year, did teachers in your school teach eating a variety of foods that are high in iron in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 15 Denominator: Respondents who answered A or B for Q15 15 Percentage of schools in which teachers taught eating a variety of foods that are Summary text: high in iron in a required course for students in any of grades 6 through 12 Taught eating high iron foods Variable label: Threshold: All Schools=55 and By Grade Level=19 Q15 16. During this school year, did teachers in your school teach about food safety in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for O15 16 Respondents who answered A or B for Q15 16 Denominator: Summary text: Percentage of schools in which teachers taught about food safety in a required course for students in any of grades 6 through 12 during the current school year Taught food safety Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach preparing healthy meals and Q15 17. snacks in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q15 17 Respondents who answered A or B for Q15 17 Denominator: Percentage of schools in which teachers taught preparing healthy meals and snacks Summary text: in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught preparing healthy meals

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach about the risks of unhealthy Q15 18. weight control practices in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 18 Denominator: Respondents who answered A or B for Q15 18 Percentage of schools in which teachers taught about the risks of unhealthy weight Summary text: control practices in a required course for students in any of grades 6 through 12 during the current school year Taught unhealthy weight control practice risks Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 19. During this school year, did teachers in your school teach accepting body size differences in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 19 Denominator: Respondents who answered A or B for Q15 19 Percentage of schools in which teachers taught accepting body size differences in Summary text: a required course for students in any of grades 6 through 12 during the current school year Taught accepting body size differences Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 20. During this school year, did teachers in your school teach about signs, symptoms, and treatment for eating disorders in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 20 Respondents who answered A or B for Q15 20 Denominator: Percentage of schools in which teachers taught about signs, symptoms, and Summary text: treatment for eating disorders in a required course for students in any of grades 6 through 12 during the current school year Taught eating disorder signs, symptoms, treatment Variable label: Threshold: All Schools=55 and By Grade Level=19

Q15_21. During this school year, did teachers in your school teach relationship between diet and chronic diseases in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_21
Denominator: Respondents who answered A or B for Q15_21

Summary text: Percentage of schools in which teachers taught relationship between diet and

chronic diseases in a required course for students in any of grades 6 through 12

during the current school year

Variable label: Taught diet and chronic disease relationship
Threshold: All Schools=55 and By Grade Level=19

Q15_22. During this school year, did teachers in your school teach finding valid information about nutrition (e.g., differentiating between advertising and factual information) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_22
Denominator: Respondents who answered A or B for Q15_22

Summary text: Percentage of schools in which teachers taught finding valid information about

nutrition (e.g., differentiating between advertising and factual information) in a required course for students in any of grades 6 through 12 during the current school

year

Variable label: Taught finding valid nutrition information Threshold: All Schools=55 and By Grade Level=19

Q15_23. During this school year, did teachers in your school teach food production, including how food is grown, harvested, processed, packaged, and transported in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q15_23
Denominator: Respondents who answered A or B for Q15_23

Summary text: Percentage of schools in which teachers taught food production, including how

food is grown, harvested, processed, packaged, and transported in a required course

for students in any of grades 6 through 12 during the current school year

Variable label: Taught food production

Threshold: All Schools=55 and By Grade Level=19

Q16 1. During this school year, did teachers in your school teach short-term and long-term benefits of physical activity, including reducing the risks for chronic disease, in a required course for students in any of grades 6 through 12? A. Yes No В. Numerator: Respondents who answered A for Q16 1 Respondents who answered A or B for Q16 1 Denominator: Summary text: Percentage of schools in which teachers taught short-term and long-term benefits of physical activity, including reducing the risks for chronic disease, in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught physical activity benefits Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach mental and social benefits of Q16 2. physical activity in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 2 Denominator: Respondents who answered A or B for Q16 2 Percentage of schools in which teachers taught mental and social benefits of Summary text: physical activity in a required course for students in any of grades 6 through 12 during the current school year Taught mental and social benefits of physical activity Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach health-related fitness (i.e., Q16 3. cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 3 Respondents who answered A or B for Q16 3 Denominator: Percentage of schools in which teachers taught health-related fitness (i.e., Summary text: cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught health-related fitness

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach phases of a workout (i.e., warm-Q16 4. up, workout, cool down) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 4 Denominator: Respondents who answered A or B for Q16 4 Percentage of schools in which teachers taught phases of a workout (i.e., warm-up, Summary text: workout, cool down) in a required course for students in any of grades 6 through 12 during the current school year Taught phases of a workout Variable label: All Schools=55 and By Grade Level=19 Threshold: Q16 5. During this school year, did teachers in your school teach recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 5 Denominator: Respondents who answered A or B for Q16 5 Percentage of schools in which teachers taught recommended amounts and types Summary text: of moderate, vigorous, muscle-strengthening, and bone-strengthening physical

Variable label: Taught muscle- and bone-strengthening physical activity

Threshold: All Schools=55 and By Grade Level=19

current school year

Q16_6. During this school year, did teachers in your school teach decreasing sedentary activities (e.g., television viewing, using video games) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q16_6
Denominator: Respondents who answered A or B for Q16_6

Summary text: Percentage of schools in which teachers taught decreasing sedentary activities (e.g.,

television viewing, using video games) in a required course for students in any of

activity in a required course for students in any of grades 6 through 12 during the

grades 6 through 12 during the current school year

Variable label: Taught decreasing sedentary activities
Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach preventing injury during physical Q16 7. activity in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 7 Denominator: Respondents who answered A or B for Q16 7 Percentage of schools in which teachers taught preventing injury during physical Summary text: activity in a required course for students in any of grades 6 through 12 during the current school year Taught preventing injury during physical activity Variable label: All Schools=55 and By Grade Level=19 Threshold: Q16 8. During this school year, did teachers in your school teach about weather-related safety (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 8 Denominator: Respondents who answered A or B for Q16 8 Percentage of schools in which teachers taught about weather-related safety (e.g., Summary text: avoiding heat stroke, hypothermia, and sunburn while physically active) in a required course for students in any of grades 6 through 12 during the current school Variable label: Taught weather-related safety Threshold: All Schools=55 and By Grade Level=19 Q16 9. During this school year, did teachers in your school teach about the dangers of using performance-enhancing drugs (e.g., steroids) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 9 Respondents who answered A or B for Q16 9 Denominator: Percentage of schools in which teachers taught about the dangers of using Summary text: performance-enhancing drugs (e.g., steroids) in a required course for students in any of grades 6 through 12 during the current school year

Taught dangers of performance-enhancing drugs

All Schools=55 and By Grade Level=19

Variable label:

During this school year, did teachers in your school teach increasing daily physical activity Q16 10. in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 10 Denominator: Respondents who answered A or B for Q16 10 Percentage of schools in which teachers taught increasing daily physical activity in Summary text: a required course for students in any of grades 6 through 12 during the current school year Taught increasing daily physical activity Variable label: All Schools=55 and By Grade Level=19 Threshold: Q16 11. During this school year, did teachers in your school teach incorporating physical activity into daily life (without relying on a structured exercise plan or special equipment) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 11 Denominator: Respondents who answered A or B for Q16 11 Percentage of schools in which teachers taught incorporating physical activity into Summary text: daily life (without relying on a structured exercise plan or special equipment) in a required course for students in any of grades 6 through 12 during the current school Variable label: Taught incorporating physical activity into daily life Threshold: All Schools=55 and By Grade Level=19 Q16 12. During this school year, did teachers in your school teach using safety equipment for specific physical activities in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q16 12 Respondents who answered A or B for Q16 12 Denominator: Percentage of schools in which teachers taught using safety equipment for specific Summary text:

physical activities in a required course for students in any of grades 6 through 12

during the current school year Taught using safety equipment

All Schools=55 and By Grade Level=19

Variable label: Threshold:

During this school year, did teachers in your school teach the benefits of drinking water Q16 13. before, during, and after physical activity in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q16 13 Respondents who answered A or B for Q16 13 Denominator: Percentage of schools in which teachers taught benefits of drinking water before, Summary text: during, and after physical activity in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught drinking water benefits Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach identifying and labeling Q17 1. emotions in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 1 Denominator: Respondents who answered A or B for Q17 1 Percentage of schools in which teachers taught identifying and labeling emotions Summary text: in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught identifying and labeling emotions Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how to express feelings in a Q17 2. healthy way in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 2 Respondents who answered A or B for Q17 2 Denominator: Percentage of schools in which teachers taught how to express feelings in a Summary text: healthy way in a required course for students in any of grades 6 through 12 during the current school year Taught expressing feelings in a healthy way Variable label: All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach the importance of engaging in Q17 3. activities that are mentally and emotionally healthy in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 3 Respondents who answered A or B for Q17 3 Denominator: Summary text: Percentage of schools in which teachers taught the importance of engaging in activities that are mentally and emotionally healthy in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught importance of mentally/emotionally healthy activities All Schools=55 and By Grade Level=19 Threshold: Q17 4. During this school year, did teachers in your school teach how to manage interpersonal conflict in healthy ways in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 4 Respondents who answered A or B for Q17 4 Denominator: Percentage of schools in which teachers taught how to manage interpersonal Summary text: conflict in healthy ways in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught managing interpersonal conflict Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how to prevent and manage Q17 5. emotional stress and anxiety in healthy ways in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 5 Denominator: Respondents who answered A or B for Q17 5 Percentage of schools in which teachers taught how to prevent and manage Summary text: emotional stress and anxiety in healthy ways in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught managing emotional stress and anxiety Threshold: All Schools=55 and By Grade Level=19

Q17 6. During this school year, did teachers in your school teach how to use self-control and impulse control strategies to promote health (e.g., goal setting and tracking, breathing techniques) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q17 6 Respondents who answered A or B for Q17 6 Denominator: Summary text: Percentage of schools in which teachers taught how to use self-control and impulse control strategies to promote health (e.g., goal setting and tracking, breathing techniques) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught self-control strategies Threshold: All Schools=55 and By Grade Level=19 Q17 7. During this school year, did teachers in your school teach how to get help for troublesome thoughts, feelings, or actions for oneself and others in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 7 Respondents who answered A or B for Q17 7 Denominator: Summary text: Percentage of schools in which teachers taught how to get help for troublesome thoughts, feelings, or actions for oneself and others in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught how to get help for troublesome thoughts, feelings, or actions Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach value of individual differences Q17 8. (e.g., culture, ethnicity, ability) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 8 Respondents who answered A or B for Q17 8 Denominator: Percentage of schools in which teachers taught value of individual differences Summary text: (e.g., culture, ethnicity, ability) in a required course for students in any of grades 6 through 12 during the current school year Taught value of individual differences Variable label: All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach how to establish and maintain Q17 9. healthy relationships in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 9 Denominator: Respondents who answered A or B for Q17 9 Percentage of schools in which teachers taught how to establish and maintain Summary text: healthy relationships in a required course for students in any of grades 6 through 12 during the current school year Taught how to establish and maintain healthy relationships Variable label: All Schools=55 and By Grade Level=19 Threshold: Q17 10. During this school year, did teachers in your school teach importance of habits (e.g., exercise, healthy eating, meditation, mindfulness) that promote mental well-being in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q17 10 Denominator: Respondents who answered A or B for Q17 10 Percentage of schools in which teachers taught importance of habits (e.g., Summary text: exercise, healthy eating, meditation, mindfulness) that promote mental well-being in a required course for students in any of grades 6 through 12 during the current school year Taught importance of healthy habits Variable label: All Schools=55 and By Grade Level=19 Threshold: Q18 1. During this school year, did teachers in your school teach building empathy (e.g., identification with and understanding of another person's feelings) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q18 1 Respondents who answered A or B for Q18 1 Denominator: Percentage of schools in which teachers taught building empathy (e.g., Summary text: identification with and understanding of another person's feelings) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught building empathy

All Schools=55 and By Grade Level=19

Q18 2. During this school year, did teachers in your school teach perspective taking (e.g., taking another person's point of view) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q18 2 Respondents who answered A or B for Q18 2 Denominator: Percentage of schools in which teachers taught perspective taking (e.g., taking Summary text: another person's point of view) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught perspective taking Threshold: All Schools=55 and By Grade Level=19 Q18 3. During this school year, did teachers in your school teach strategies for being a positive bystander (e.g., safely de-escalating, preventing, or stopping bullying and harassment) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q18 3 Respondents who answered A or B for Q18 3 Denominator: Percentage of schools in which teachers taught strategies for being a positive Summary text: bystander (e.g., safely de-escalating, preventing, or stopping bullying and harassment) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught strategies for being a positive bystander Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how stigma, bias, and prejudice Q18 4. can lead to stereotypes, discrimination, and violence in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q18 4 Respondents who answered A or B for Q18 4 Denominator: Percentage of schools in which teachers taught how stigma, bias, and prejudice Summary text: can lead to stereotypes, discrimination, and violence in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught how stigma, bias, and prejudice can lead to stereotypes, discrimination, and violence Threshold: All Schools=55 and By Grade Level=19

Q18 5. During this school year, did teachers in your school teach identifying the signs and symptoms of when someone may be thinking of hurting themselves in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q18 5 Respondents who answered A or B for Q18 5 Denominator: Summary text: Percentage of schools in which teachers taught identifying the signs and symptoms of when someone may be thinking of hurting themselves in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught signs and symptoms of when someone may be thinking of hurting themselves Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach getting help to prevent or stop Q18 6. violence (including inappropriate touching, harassment, abuse, bullying, hazing, fighting, and hate crimes) in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q18 6 Denominator: Respondents who answered A or B for Q18 6 Summary text: Percentage of schools in which teachers taught getting help to prevent or stop violence (including inappropriate touching, harassment, abuse, bullying, hazing, fighting, and hate crimes) in a required course for students in any of grades 6 through 12 during the current school year Variable label: Taught getting help to prevent or stop violence All Schools=55 and By Grade Level=19 Threshold: Q18 7. During this school year, did teachers in your school teach getting help for self or others who are in danger of hurting themselves in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q18 7 Denominator: Respondents who answered A or B for Q18 7 Summary text: Percentage of schools in which teachers taught getting help for self or others who are in danger of hurting themselves in a required course for students in any of grades 6 through 12 during the current school year Taught getting help for self or others who are in danger of hurting themselves Variable label: All Schools=55 and By Grade Level=19 Threshold:

Q19 1. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of alcohol- or other druguse prevention? A. Yes B. No Numerator: Respondents who answered A for Q19 1 Respondents who answered A or B for Q19 1 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of alcohol- or other drug-use prevention during the current school year Variable label: Provide parents with alcohol- or other drug-use prevention information Threshold: All Schools=55 and By Grade Level=19 During this school year, did your school provide parents and families with health Q19 2. information designed to increase parent and family knowledge of asthma? A. Yes B. No Numerator: Respondents who answered A for Q19 2 Denominator: Respondents who answered A or B for Q19 2 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of asthma during the current school year Provide parents with asthma information Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did your school provide parents and families with health Q19 3. information designed to increase parent and family knowledge of chronic disease prevention (e.g., diabetes, obesity prevention)? Yes A. B. No Numerator: Respondents who answered A for Q19 3 Respondents who answered A or B for Q19 3 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of chronic disease prevention (e.g., diabetes, obesity prevention) during the current school year Variable label: Provide parents with chronic disease prevention information

All Schools=55 and By Grade Level=19

Q19 4. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of food allergies? A. Yes B. No Numerator: Respondents who answered A for Q19 4 Denominator: Respondents who answered A or B for Q19 4 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of food allergies during the current school year Provide parents with food allergies information Variable label: All Schools=55 and By Grade Level=19 Threshold: Q19 5. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of HIV, other STD, or pregnancy prevention? A. Yes B. No Numerator: Respondents who answered A for Q19 5 Respondents who answered A or B for Q19 5 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of HIV, other STD, or pregnancy prevention during the current school year Provide parents with HIV/other STD/pregnancy prevention information Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did your school provide parents and families with health Q19 6. information designed to increase parent and family knowledge of nutrition and healthy eating? Yes A. B. No Numerator: Respondents who answered A for Q19 6 Respondents who answered A or B for Q19 6 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of nutrition and healthy eating during the current school year Provide parents with nutrition and healthy eating information Variable label: Threshold: All Schools=55 and By Grade Level=19

Q19 7. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of physical activity? A. Yes B. No Numerator: Respondents who answered A for Q19 7 Denominator: Respondents who answered A or B for Q19 7 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of physical activity during the current school year Provide parents with physical activity information Variable label: All Schools=55 and By Grade Level=19 Threshold: Q19 8. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)? A. Yes B. No Numerator: Respondents who answered A for Q19 8 Respondents who answered A or B for Q19 8 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying), during the current school year Provide parents with bullying and sexual harassment information Variable label: Threshold: All Schools=55 and By Grade Level=19 Q19 9. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of tobacco-use prevention or cessation? A. Yes B. No Numerator: Respondents who answered A for Q19 9 Denominator: Respondents who answered A or B for Q19 9 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of tobacco-use prevention or cessation during the current school year Variable label: Provide parents with tobacco-use prevention or cessation information

All Schools=55 and By Grade Level=19

During this school year, have teachers in this school given students health education O20. homework assignments or activities to do at home with their parents? A. Yes B. No Numerator: Respondents who answered A for Q20 Denominator: Respondents who answered A or B for Q20 Percentage of schools in which teachers have given students health education Summary text: homework assignments or activities to do at home with their parents during the Homework to do with parents Variable label: Threshold: All Schools=55 and By Grade Level=19 Q21 1. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on alcohol- or other druguse prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 1 Denominator: Respondents who answered A or B for Q21 1 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on alcohol- or other drug-use prevention during the past two years Variable label: Received professional development on alcohol- or other drug-use prevention All Schools=55 and By Grade Level=19 Threshold: Q21 2. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on asthma? Yes A. B. No Numerator: Respondents who answered A for Q21 2 Respondents who answered A or B for Q21 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on asthma during the past two years Variable label: Received professional development on asthma Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q21 3. conferences, continuing education, any other kind of in-service) on chronic disease prevention (e.g., diabetes, obesity prevention)? A. Yes B. No Numerator: Respondents who answered A for Q21 3 Respondents who answered A or B for Q21 3 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on chronic disease prevention (e.g., diabetes, obesity prevention) during the past two years Variable label: Received professional development on chronic disease prevention All Schools=55 and By Grade Level=19 Threshold: O21 4. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on epilepsy or seizure disorder? Yes A. В. No Numerator: Respondents who answered A for Q21 4 Respondents who answered A or B for Q21 4 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on epilepsy or seizure disorder during the past two years Variable label: Received professional development on epilepsy or seizure disorder Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 5. conferences, continuing education, any other kind of in-service) on food allergies? A. Yes B. No Numerator: Respondents who answered A for Q21 5 Respondents who answered A or B for Q21 5 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on food allergies during the past two years Variable label: Received professional development on food allergies

All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q21 6. conferences, continuing education, any other kind of in-service) on foodborne illness prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 6 Respondents who answered A or B for Q21 6 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on foodborne illness prevention during the past two years Variable label: Received professional development on foodborne illness prevention Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 7. conferences, continuing education, any other kind of in-service) on human immunodeficiency virus (HIV) prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 7 Respondents who answered A or B for Q21 7 Denominator: Summary text: Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on human immunodeficiency virus (HIV) prevention during the past two years Variable label: Received professional development on HIV prevention Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 8. conferences, continuing education, any other kind of in-service) on human sexuality? A. Yes B. No Numerator: Respondents who answered A for Q21 8 Respondents who answered A or B for Q21 8 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on human sexuality during the past two years Variable label: Received professional development on human sexuality All Schools=55 and By Grade Level=19 Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q21 9. conferences, continuing education, any other kind of in-service) on infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention)? A. Yes B. No Numerator: Respondents who answered A for Q21 9 Respondents who answered A or B for Q21 9 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention) during the past two years Variable label: Received professional development on infectious disease prevention Threshold: All Schools=55 and By Grade Level=19 O21 10. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on injury prevention and safety? Yes A. B. No Numerator: Respondents who answered A for Q21 10 Respondents who answered A or B for Q21 10 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on injury prevention and safety during the past two years Variable label: Received professional development on injury prevention and safety Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 11. conferences, continuing education, any other kind of in-service) on mental and emotional health? A. Yes B. No Numerator: Respondents who answered A for Q21 11 Respondents who answered A or B for Q21 11 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on mental and emotional health during the past two years Variable label: Received professional development on mental and emotional health All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q21 12. conferences, continuing education, any other kind of in-service) on nutrition and dietary behavior? A. Yes В. No Numerator: Respondents who answered A for Q21 12 Respondents who answered A or B for Q21 12 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on nutrition and dietary behavior during the past two years Variable label: Received professional development on nutrition and dietary behavior Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 13. conferences, continuing education, any other kind of in-service) on physical activity and fitness? A. Yes В. No Numerator: Respondents who answered A for Q21 13 Respondents who answered A or B for Q21 13 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on physical activity and fitness during the past two years Received professional development on physical activity and fitness Variable label: Threshold: All Schools=55 and By Grade Level=19 Q21 14. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on pregnancy prevention? Yes A. B. No Numerator: Respondents who answered A for Q21 14 Respondents who answered A or B for Q21 14 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on pregnancy prevention during the past two years Variable label: Received professional development on pregnancy prevention Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q21 15. conferences, continuing education, any other kind of in-service) on sexually transmitted disease (STD) prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 15 Respondents who answered A or B for Q21 15 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on sexually transmitted disease (STD) prevention during the past two years Variable label: Received professional development on STD prevention Threshold: All Schools=55 and By Grade Level=19 O21 16. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on sleep health (e.g., how much sleep students need, good sleeping habits)? A. Yes В. No Numerator: Respondents who answered A for Q21 16 Respondents who answered A or B for Q21 16 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on sleep health (e.g., how much sleep students need, good sleeping habits) during the past two years Variable label: Received professional development on sleep health Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, O21 17. conferences, continuing education, any other kind of in-service) on suicide prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 17 Respondents who answered A or B for Q21 17 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on suicide prevention during the past two years Variable label: Received professional development on suicide prevention

All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q21 18. conferences, continuing education, any other kind of in-service) on tobacco-use prevention or cessation? A. Yes B. No Numerator: Respondents who answered A for Q21 18 Respondents who answered A or B for Q21 18 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on tobacco-use prevention or cessation during the past two years Variable label: Received professional development on tobacco-use prevention or cessation All Schools=55 and By Grade Level=19 Threshold: O21 19. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on violence prevention (e.g., bullying, fighting, dating violence prevention)? Yes A. В. No Numerator: Respondents who answered A for Q21 19 Respondents who answered A or B for Q21 19 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on violence prevention (e.g., bullying, fighting, dating violence prevention) during the past two years Variable label: Received professional development on violence prevention All Schools=55 and By Grade Level=19 Threshold: O22 1. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students with physical, medical, or cognitive disabilities? Yes A. B. No Numerator: Respondents who answered A for Q22 1 Denominator: Respondents who answered A or B for Q22 1 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students with physical, medical, or cognitive disabilities during the past two years Received professional development on teaching students with disabilities Variable label: Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q22 2. conferences, continuing education, any other kind of in-service) on teaching students of various racial/ethnic and cultural backgrounds? A. Yes B. No Numerator: Respondents who answered A for Q22 2 Respondents who answered A or B for Q22 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students of various racial/ethnic and cultural backgrounds during the past two years Variable label: Received professional development on teaching students of various racial/ethnic and cultural backgrounds Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q22 3. conferences, continuing education, any other kind of in-service) on teaching English language learners (ELL)? A. Yes В. No Numerator: Respondents who answered A for Q22 3 Denominator: Respondents who answered A or B for Q22 3 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching English language learners (ELL) during the past two years Variable label: Received professional development on teaching ELL Threshold: All Schools=55 and By Grade Level=19 Q22 4. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on how to support lesbian, gay, bisexual, and transgender students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBT resources within the school)? A. Yes B. No Numerator: Respondents who answered A for Q22 4 Denominator: Respondents who answered A or B for Q22 4 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on how to support lesbian, gay, bisexual, and transgender students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBT resources

within the school) during the past two years

All Schools=55 and By Grade Level=19

Received professional development on supporting LGBT students

Variable label:

During the past two years, did you receive professional development (e.g., workshops, Q22 5. conferences, continuing education, any other kind of in-service) on using interactive teaching methods (e.g., role plays, cooperative group activities)? A. Yes B. No Numerator: Respondents who answered A for Q22 5 Respondents who answered A or B for Q22 5 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on using interactive teaching methods (e.g., role plays, cooperative group activities) during the past two years Variable label: Received professional development on interactive teaching methods Threshold: All Schools=55 and By Grade Level=19 O22 6. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on encouraging family or community involvement? Yes A. B. No Numerator: Respondents who answered A for Q22 6 Respondents who answered A or B for Q22 6 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on encouraging family or community involvement during the past two years Variable label: Received professional development on encouraging family or community involvement All Schools=55 and By Grade Level=19 Threshold: Q22 7. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching skills for behavior change? A. Yes B. No Numerator: Respondents who answered A for Q22 7 Respondents who answered A or B for Q22 7 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching skills for behavior change during the past two

Received professional development on teaching skills for behavior change

All Schools=55 and By Grade Level=19

Variable label:

Q22_8. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)?

A. Yes B. No

Numerator: Respondents who answered A for Q22_8
Denominator: Respondents who answered A or B for Q22_8

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior

management) during the past two years

Variable label: Received professional development on classroom management techniques

Threshold: All Schools=55 and By Grade Level=19

Q22_9. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing student performance in health education?

A. Yes B. No

Numerator: Respondents who answered A for Q22_9
Denominator: Respondents who answered A or B for Q22_9

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing student performance in health education

during the past two years

Variable label: Received professional development on assessing student performance in health

education

Threshold: All Schools=55 and By Grade Level=19

Q23_1. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on aligning lessons and materials with the district scope and sequence for sexual health education?

A. Yes B. No

Numerator: Respondents who answered A for Q23_1 Denominator: Respondents who answered A or B for Q23_1

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on aligning lessons and materials with the district scope

and sequence for sexual health education during the past two years

Variable label: Received professional development on aligning lessons with district sexual health

education

Q23 2. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on creating a comfortable and safe learning environment for students receiving sexual health education? A. Yes B. No Numerator: Respondents who answered A for Q23 2 Respondents who answered A or B for Q23 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on creating a comfortable and safe learning environment for students receiving sexual health education during the past two years Variable label: Received professional development on creating safe learning environment Threshold: All Schools=55 and By Grade Level=19 Q23 3. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on connecting students to on-site or community-based sexual health services? Yes A. B. No Numerator: Respondents who answered A for Q23 3 Respondents who answered A or B for Q23 3 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on connecting students to on-site or community-based sexual health services during the past two years Variable label: Received professional development on connecting students to on-site sexual health services Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q23 4. conferences, continuing education, any other kind of in-service) on using a variety of effective instructional strategies to deliver sexual health education? A. Yes B. No Numerator: Respondents who answered A for Q23 4 Respondents who answered A or B for Q23 4 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on using a variety of effective instructional strategies to deliver sexual health education during the past two years

Received professional development on effective instructional strategies

All Schools=55 and By Grade Level=19

Variable label:

Q23_5. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on building student skills in HIV, other STD, and pregnancy prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q23_5 Denominator: Respondents who answered A or B for Q23_5

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on building student skills in HIV, other STD, and

pregnancy prevention during the past two years

Variable label: Received professional development on building student skills in HIV prevention

Threshold: All Schools=55 and By Grade Level=19

Q23_6. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing student knowledge and skills in sexual health education?

A. Yes B. No

Numerator: Respondents who answered A for Q23_6
Denominator: Respondents who answered A or B for Q23_6

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing student knowledge and skills in sexual health

education during the past two years

Variable label: Received professional development on assessing student knowledge in sexual

health education

Threshold: All Schools=55 and By Grade Level=19

Q23_7. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on understanding current district or school board policies or curriculum guidance regarding sexual health education?

A. Yes B. No

Numerator: Respondents who answered A for Q23_7
Denominator: Respondents who answered A or B for Q23_7

Summary text: Percentage of schools in which the lead health education teacher received

professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on understanding current district or school board policies or curriculum guidance regarding sexual health education during the past two years

Variable label: Received professional development on current sexual health education policies
Threshold: All Schools=55 and By Grade Level=19

Q23 8. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on identifying appropriate modifications to the sexual health curriculum to meet the needs of all students? A. Yes B. No Numerator: Respondents who answered A for Q23 8 Respondents who answered A or B for Q23 8 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on identifying appropriate modifications to the sexual health curriculum to meet the needs of all students during the past two years Variable label: Received professional development on identifying modifications to curriculum All Schools=55 and By Grade Level=19 Threshold: Q23 9. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on engaging parents in sexual health education? Yes A. B. No Numerator: Respondents who answered A for Q23 9 Respondents who answered A or B for Q23 9 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on engaging parents in sexual health education during the past two years Variable label: Received professional development on engaging parents All Schools=55 and By Grade Level=19 Threshold: Q23 10. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on delivering virtual or eLearning sexual health education instruction? Yes A. B. No Numerator: Respondents who answered A for Q23 10 Respondents who answered A or B for Q23 10 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on delivering virtual or eLearning sexual health education instruction during the past two years Variable label: Received professional development on delivering virtual sexual health education

instruction

Threshold:

All Schools=55 and By Grade Level=19

Q24 1. Would you like to receive professional development on alcohol- or other drug-use prevention? Yes A. B. No Numerator: Respondents who answered A for Q24 1 Denominator: Respondents who answered A or B for Q24 1 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on alcohol- or other drug-use prevention Variable label: Like professional development on alcohol- or other drug-use prevention Threshold: All Schools=55 and By Grade Level=19 O24 2. Would you like to receive professional development on asthma? A. Yes В. No Numerator: Respondents who answered A for Q24 2 Respondents who answered A or B for Q24 2 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on asthma Variable label: Like professional development on asthma All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on chronic disease prevention (e.g., Q24 3. diabetes, obesity prevention)? A. Yes В. No Numerator: Respondents who answered A for Q24 3 Denominator: Respondents who answered A or B for Q24 3 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on chronic disease prevention (e.g., diabetes, obesity prevention) Variable label: Like professional development on chronic disease prevention All Schools=55 and By Grade Level=19 Threshold: Q24 4. Would you like to receive professional development on epilepsy or seizure disorder? A. Yes B. No Numerator: Respondents who answered A for Q24 4 Respondents who answered A or B for Q24 4 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on epilepsy or seizure disorder Variable label: Like professional development on epilepsy or seizure disorder Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on food allergies? Q24 5. A. Yes В. No Respondents who answered A for Q24 5 Numerator: Respondents who answered A or B for Q24 5 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on food allergies Variable label: Like professional development on food allergies Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on foodborne illness prevention? Q24 6. A. Yes В. No Numerator: Respondents who answered A for Q24 6 Denominator: Respondents who answered A or B for Q24 6 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on foodborne illness prevention Variable label: Like professional development on foodborne illness prevention Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on human immunodeficiency virus Q24 7. (HIV) prevention? Yes A. В. No Numerator: Respondents who answered A for Q24 7 Respondents who answered A or B for Q24 7 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on human immunodeficiency virus (HIV) prevention Variable label: Like professional development on HIV prevention All Schools=55 and By Grade Level=19 Threshold: Q24 8. Would you like to receive professional development on human sexuality? Yes A. B. No Numerator: Respondents who answered A for Q24 8 Respondents who answered A or B for Q24 8 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on human sexuality Like professional development on human sexuality Variable label: Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on infectious disease prevention (e.g., Q24 9. influenza [flu] or COVID-19 prevention)? A. Yes B. No Numerator: Respondents who answered A for Q24 9 Denominator: Respondents who answered A or B for Q24 9 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on infectious disease prevention (e.g., influenza [flu] or COVID-19 prevention) Like professional development on infectious disease prevention Variable label: All Schools=55 and By Grade Level=19 Threshold: Q24 10. Would you like to receive professional development on injury prevention and safety? Yes A. B. No Numerator: Respondents who answered A for Q24 10 Respondents who answered A or B for Q24 10 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on injury prevention and safety Variable label: Like professional development on injury prevention and safety All Schools=55 and By Grade Level=19 Threshold: Q24 11. Would you like to receive professional development on mental and emotional health? A. Yes В. No Numerator: Respondents who answered A for Q24 11 Respondents who answered A or B for Q24 11 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on mental and emotional health Variable label: Like professional development on mental and emotional health Threshold: All Schools=55 and By Grade Level=19 O24 12. Would you like to receive professional development on nutrition and dietary behavior? A. Yes B. No Numerator: Respondents who answered A for Q24 12 Denominator: Respondents who answered A or B for Q24 12 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on nutrition and dietary behavior Like professional development on nutrition and dietary behavior Variable label: Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on physical activity and fitness? Q24 13. A. Yes B. No Respondents who answered A for Q24 13 Numerator: Respondents who answered A or B for Q24 13 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on physical activity and fitness Like professional development on physical activity and fitness Variable label: All Schools=55 and By Grade Level=19 Threshold: Q24 14. Would you like to receive professional development on pregnancy prevention? A. Yes B. No Numerator: Respondents who answered A for Q24 14 Denominator: Respondents who answered A or B for Q24 14 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on pregnancy prevention Variable label: Like professional development on pregnancy prevention Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on sexually transmitted disease (STD) O24 15. prevention? Yes A. B. No Numerator: Respondents who answered A for Q24 15 Respondents who answered A or B for Q24 15 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on sexually transmitted disease (STD) prevention Variable label: Like professional development on STD prevention Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on sleep health (e.g., how much sleep Q24 16. students need, good sleep habits)? A. Yes B. No Numerator: Respondents who answered A for Q24 16 Respondents who answered A or B for Q24 16 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on sleep health (e.g., how much sleep students need, good sleep habits) Variable label: Like professional development on sleep health All Schools=55 and By Grade Level=19 Threshold:

Q24 17. Would you like to receive professional development on suicide prevention? A. Yes B. No Numerator: Respondents who answered A for Q24 17 Respondents who answered A or B for Q24 17 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on suicide prevention Like professional development on suicide prevention Variable label: All Schools=55 and By Grade Level=19 Threshold: Q24 18. Would you like to receive professional development on tobacco-use prevention or cessation? A. Yes В. No Numerator: Respondents who answered A for Q24 18 Respondents who answered A or B for Q24 18 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on tobacco-use prevention or cessation Like professional development on tobacco-use prevention or cessation Variable label: All Schools=55 and By Grade Level=19 Threshold: Q24 19. Would you like to receive professional development on violence prevention (e.g., bullying, fighting, dating violence prevention)? A. Yes В. No Numerator: Respondents who answered A for Q24 19 Denominator: Respondents who answered A or B for Q24 19 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on violence prevention (e.g., bullying, fighting, dating violence prevention) Variable label: Like professional development on violence prevention All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on teaching students with physical, Q25 1. medical, or cognitive disabilities? A. Yes В. No Numerator: Respondents who answered A for Q25 1 Denominator: Respondents who answered A or B for Q25 1 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students with physical, medical, or cognitive disabilities Like professional development on teaching students with disabilities Variable label: All Schools=55 and By Grade Level=19 Threshold:

Q25 2. Would you like to receive professional development on teaching students of various racial/ethnic and cultural backgrounds? A. Yes B. No Numerator: Respondents who answered A for Q25 2 Denominator: Respondents who answered A or B for Q25 2 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students of various racial/ethnic and cultural backgrounds Like professional development on teaching students of various racial/ethnic and Variable label: cultural backgrounds All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on teaching English language Q25 3. learners (ELL)? A. Yes B. No Numerator: Respondents who answered A for Q25 3 Denominator: Respondents who answered A or B for Q25 3 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching English language learners (ELL) Like professional development on teaching ELL Variable label: All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on how to support lesbian, gay, Q25 4. bisexual, and transgender students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBT resources within the school)? Yes A. B. No Numerator: Respondents who answered A for Q25 4 Respondents who answered A or B for Q25 4 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on how to support lesbian, gay, bisexual, and transgender students (e.g., bystander intervention skills, implementing safe spaces, use of inclusive language, providing students with information about LGBT resources within the school) Variable label: Like professional development on supporting LGBT students

All Schools=55 and By Grade Level=19

Q25 5. Would you like to receive professional development on using interactive teaching methods (e.g., role plays, cooperative group activities)? A. Yes B. No Numerator: Respondents who answered A for Q25 5 Denominator: Respondents who answered A or B for Q25 5 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on using interactive teaching methods (e.g., role plays, cooperative group activities) Like professional development on interactive teaching methods Variable label: All Schools=55 and By Grade Level=19 Threshold: Q25 6. Would you like to receive professional development on encouraging family or community involvement? A. Yes В. No Numerator: Respondents who answered A for Q25 6 Respondents who answered A or B for Q25 6 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on encouraging family or community involvement Variable label: Like professional development on encouraging family or community involvement All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on teaching skills for behavior Q25 7. change? Yes A. B. No Numerator: Respondents who answered A for Q25 7 Denominator: Respondents who answered A or B for Q25 7 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching skills for behavior change Variable label: Like professional development on teaching skills for behavior change Threshold: All Schools=55 and By Grade Level=19

Q25 8. Would you like to receive professional development on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)? A. Yes B. No Numerator: Respondents who answered A for Q25 8 Respondents who answered A or B for Q25 8 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management) Variable label: Like professional development on classroom management techniques Threshold: All Schools=55 and By Grade Level=19 Q25 9. Would you like to receive professional development on assessing student performance in health education? Yes A. B No Numerator: Respondents who answered A for Q25 9 Respondents who answered A or B for Q25 9 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on assessing student performance in health Variable label: Like professional development on assessing student performance in health education Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on aligning lessons and materials Q26 1. with the district scope and sequence for sexual health education? Yes A. B. No Numerator: Respondents who answered A for Q26 1 Respondents who answered A or B for Q26 1 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on aligning lessons and materials with the district scope and sequence for sexual health education Variable label: Like professional development on aligning lessons with district sexual health education All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on creating a comfortable and safe Q26 2. learning environment for students receiving sexual health education? A. Yes B. No Numerator: Respondents who answered A for Q26 2 Denominator: Respondents who answered A or B for Q26 2 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on creating a comfortable and safe learning environment for students receiving sexual health education Like professional development on creating safe learning environment Variable label: All Schools=55 and By Grade Level=19 Threshold: Q26 3. Would you like to receive professional development on connecting students to on-site or community-based sexual health services? A. Yes В. No Numerator: Respondents who answered A for Q26 3 Denominator: Respondents who answered A or B for Q26 3 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on connecting students to on-site or communitybased sexual health services Variable label: Like professional development on connecting students to on-site sexual health services Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on using a variety of effective Q26 4. instructional strategies to deliver sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q26 4 Respondents who answered A or B for Q26 4 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on using a variety of effective instructional strategies to deliver sexual health education Like professional development on effective instructional strategies Variable label: All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on building student skills in HIV, Q26 5. other STD, and pregnancy prevention? A. Yes B. No Numerator: Respondents who answered A for Q26 5 Denominator: Respondents who answered A or B for Q26 5 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on building student skills in HIV, other STD, and pregnancy prevention Like professional development on building student skills in HIV prevention Variable label: All Schools=55 and By Grade Level=19 Threshold: Q26 6. Would you like to receive professional development on assessing student knowledge and skills in sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q26 6 Denominator: Respondents who answered A or B for Q26 6 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on assessing student knowledge and skills in sexual health education Variable label: Like professional development on assessing student knowledge in sexual health education Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on understanding current district or Q26 7. school board policies or curriculum guidance regarding sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q26 7 Respondents who answered A or B for Q26 7 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on understanding current district or school board policies or curriculum guidance regarding sexual health education Like professional development on current sexual health education policies Variable label: All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on identifying appropriate Q26 8. modifications to the sexual health curriculum to meet the needs of all students? Α. Yes B. No Numerator: Respondents who answered A for Q26 8 Denominator: Respondents who answered A or B for Q26 8 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on identifying appropriate modifications to the sexual health curriculum to meet the needs of all students Like professional development on identifying modifications to curriculum Variable label: All Schools=55 and By Grade Level=19 Threshold: Q26 9. Would you like to receive professional development on engaging parents in sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q26 9 Respondents who answered A or B for Q26 9 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on engaging parents in sexual health education Variable label: Like professional development on engaging parents All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on delivering virtual or eLearning Q26 10. sexual health education instruction? A. Yes B. No Numerator: Respondents who answered A for Q26 10 Respondents who answered A or B for Q26 10 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on delivering virtual or eLearning sexual health education instruction Variable label: Like professional development on delivering virtual sexual health education instruction Threshold: All Schools=55 and By Grade Level=19

Q27. What was the major emphasis of your professional preparation?

A. Health and physical education combined

B. Health education

C. Physical education

D. Other education degree

E. Kinesiology, exercise science, or exercise physiology

F. Home economics or family and consumer science

G. Biology or other science

H. Nursing

I. Counseling

J. Public health

K. Nutrition

L. Other

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q27

Denominator: Respondents who answered A, B, C, D, E, F, G, H, I, J, K, or L for Q27

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was on ROI. For example, physical education. Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was on physical education

Variable label: Major emphasis of preparation

Threshold: All Schools=55 and By Grade Level=19

Q28. Currently, are you certified, licensed, or endorsed by the state to teach health education in middle school or high school?

A. Yes

B. No

Numerator: Respondents who answered A for Q28
Denominator: Respondents who answered A or B for Q28

Summary text: Percentage of schools in which the lead health education teacher is certified,

licensed, or endorsed by the state to teach health education in middle school or high

school

Variable label: Certified by state to teach

Q29. Including this school year, how many years of experience do you have teaching health education courses or topics?

A. 1 year

B. 2 to 5 years

C. 6 to 9 years

D. 10 to 14 years

E. 15 years or more

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q29

Denominator: Respondents who answered A, B, C, D, or E for Q29

Summary text: Percentage of schools in which the lead health education teacher had ROI of

experience in teaching health education courses or topics. For example, 1 year. Percentage of schools in which the lead health education teacher had 1 year of

experience in teaching health education courses or topics.

Variable label: Years of teaching experience

4. Lead Health Education Teacher Supplemental Variables

Supplemental variables are calculated based on results from one or more than one question. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

SHE_PM_1807_1

Numerator: Respondents who answered A for at least 11 of Q11_1_1-Q11_1_22 and at least

11 of Q11 2 1-Q11 2 22

Denominator: Respondents who answered A for at least 11 of Q11 1 1-Q11 1 22 and at least

11 of Q11_2_1-Q11_2_22 or who answered A to less than 11 of Q11_1_1-

Q11_1_22 or less than 11 of Q11_2_1-Q11_2_22

Summary text: Percentage of schools that taught at least 11 of the following 22 topics in each grade span: grades 6, 7, or 8, and grades 9, 10, 11, or 12:

How HIV and other STDs are transmitted

• Health consequences of HIV, other STDs, and pregnancy

• The benefits of being sexually abstinent

• How to access valid and reliable health information, products, and services related to HIV, other STD, and pregnancy

• The influences of family, peers, media, technology and other factors on sexual risk behaviors

• Communication and negotiation skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy

- Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy
- Influencing and supporting others to avoid or reduce sexual risk behaviors
- Efficacy of condoms, that is, how well condoms work and do not work
- The importance of using condoms consistently and correctly
- How to obtain condoms
- How to correctly use a condom
- Methods of contraception other than condoms
- The importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy
- How to create and sustain healthy and respectful relationships
- The importance of limiting the number of sexual partners
- Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health
- How to communicate sexual consent between partners
- Recognizing and responding to sexual victimization and violence
- Diversity of sexual orientations and gender identities
- How gender roles and stereotypes affect goals, decision making, and relationships
- The relationship between alcohol and other drug use and sexual risk behaviors

Variable label: SHE

SHE PM 1807 1 MS/HS taught at least 11 topics

Dependence: Depends on Q11_1_1-Q11_1_22 and Q11_2_1-Q11_2_22

```
SAS code:
                 CNT1 1 = 0;
                 CNT2 1 = 0;
                 CNT1^{-}2 = 0;
                 CNT2 2 = 0;
                 CNT1 M = 0;
                 CNT2 M = 0;
                 array TQ11 1(22) Q11 1_1-Q11_1_22;
                 array TQ11 2(22) Q11 2 1-Q11 2 22;
                 do I = 1 to 22;
                 CNT1 1 = sum(CNT1 1, TQ11 1(I) = 1);
                 CNT2 1 = sum (CNT2 1,TQ11 2(I) = 1);
                 CNT1 2 = sum (CNT1 2,TQ11 1(I) = 2);
                 CNT2 2 = sum (CNT2 2, TQ11 2(I) = 2);
                 CNT1 M = sum (CNT1 M, TQ11 1(I) < 0);
                 CNT2 M = sum (CNT2 M, TQ11 2(I) < 0);
                 end;
                 /* MS */
                 if F GRDLVL2 = 1 and F HIGRADE < 9 then do;
                 if CNT1 1 \ge 11 then SHE PM 1807 1 = 1;
                 else if (sum(CNT1 1, CNT1 M) < 11 and CNT1 1 < 11) then
                 SHE PM 1807 1 = 2;
                 end;
                 /* MS/HS */
                 else if (F GRDLVL2 = 2 or (F LOWGRADE < 9 and F HIGRADE = 9)) then
                 if CNT1 1 \ge 11 and CNT2 1 \ge 11 then SHE PM 1807 1 = 1;
                 else if (sum(CNT1 1, CNT1 M) < 11 and CNT1 1 < 11) or (sum(CNT2 1,
                 CNT2 M) < 11 and CNT2 1 < 11) then SHE PM 1807 1 = 2;
                 end;
                 /* HS */
                 else if (F GRDLVL2 = 3 or (F LOWGRADE = 9 and F HIGRADE = 9)) then
                 if CNT2 1 \ge 11 then SHE PM 1807 1 = 1;
                 else if sum(CNT2 1, CNT2 M) < 11 and CNT2 1 < 11 then SHE PM 1807 1 =
                 2;
                 end;
```

```
SHE PM 1807 2
Numerator:
                   Respondents who answered A for for all of Q12 1 1-Q12 1 7 and who answered
                   A for all of Q12 2 1-Q12 2 7
Denominator:
                   Respondents who answered A for all of Q12 1 1-Q12 1 7 and who answered A
                   for all of O12 2 1-O12 2 7 or who answered B for any of O12 1 1-O12 1 or
                   Q12 2 1-Q12 2 7
Summary text:
                   Percentage of schools that assess the ability of students to do all of the following
                   skills in each grade span: 6, 7, or 8, and 9, 10, 11, or 12:
                       Comprehend concepts important to prevent HIV, other STDs, and pregnancy
                       Analyze the influence of family, peers, culture, media, technology, and other
                       factors on sexual risk behaviors

    Access valid information, products, and services to prevent HIV, other STDs,

                       and pregnancy
                       Use interpersonal communication skills to avoid or reduce sexual risk
                       behaviors
                   • Use decision making skills to prevent HIV, other STDs, and pregnancy
                       Set personal goals that enhance health, take steps to achieve these goals, and
                       monitor progress in achieving them
                       Influence and support others to avoid or reduce sexual risk behaviors
                   SHE PM 1807 2 MS/HS assess HIV topics
Variable label:
                   Depends on Q12 1 1-Q12 1 7 and Q12 2 1-Q12 2 7
Dependence:
Threshold:
                   All Schools=55 and By Grade Level=19
SAS code:
                   CNT1 = 0;
                   CNT2 = 0;
                   array TQ12 1(7) Q12 1 1-Q12 1 7;
                   array TQ12 2(7) Q12 2 1-Q12 2 7;
                   do I = 1 to 7;
                   CNT1 = sum(CNT1, TQ12 \ 1(I) = 1);
                   CNT2 = sum(CNT2, TQ12 \ 2(I) = 1);
                   end;
                   if (F GRDLVL2 = 1 and f higrade < 9 and CNT1 = 7) or ((F GRDLVL2 = 2 or
                   (f lowgrade < 9 and f higrade = 9)) and (CNT1 = 7 and CNT2 = 7)) or
                   ((F GRDLVL2 = 3 or (f lowgrade = 9 and f higrade = 9)) and CNT2=7) then
                   SHE PM 1807 2 = 1;
                   else if (F GRDLVL2 = 1 and (Q12 1 1 = 2 or Q12 1 2 = 2 or Q12 1 3 = 2 or
                   Q12 1 4=2 or Q12 1 5=2 or Q12 1 6=2 or Q12 1 7=2)) or ((F GRDLVL2)
                   = 2 \text{ or (f lowgrade} < 9 \text{ and F HIGRADE} = 9)) \text{ and (Q12 } 1 \ 1 = 2 \text{ or Q12 } 1 \ 2 = 2
                   or Q12 1 3 = 2 or Q12 1 4 = 2 or Q12 1 5 = 2 or Q12 1 6 = 2 or Q12 1 7 = 2
                   or Q12 2 1 = 2 or Q12 2 2 = 2 or Q12 2 3 = 2 or Q12 2 4 = 2 or Q12 2 5 = 2
                   or Q12 2 6 = 2 or Q12 2 7 = 2)) or ((F GRDLVL2 = 3 or (f lowgrade = 9 and
                   f_{igrade} = 9) and (Q12_2_1 = 2 \text{ or } Q12_2_2 = 2 \text{ or } Q12_2_3 = 2 \text{ or } Q12_2_4 = 2
                   or Q12 2 5 = 2 or Q12 \frac{1}{2} 6 = 2 or Q12 \frac{1}{2} \frac{1}{7} = 2) then SHE PM 1807 2 = 2;
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SHE PM 1807 3	
Numerator:	Respondents who answered A for all of Q5_1-Q5_6
Denominator:	Respondents who answered A for all of Q5_1-Q5_6 or who answered B for any of Q5_1-Q5_6
Summary text:	Percentage of schools in which those who teach sexual health education are provided with all of the following materials:
	 An approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction A written health education curriculum that includes objectives and content addressing sexual health education Teacher pacing guides for sexual health education instruction (i.e., schedules
	that regulate a teacher's pace of the unit or curriculum) • Teaching resources (e.g., lesson plans, handouts) to support sexual health
	 education instruction Strategies that are age-appropriate, relevant, and actively engage students in learning
	 Methods to assess student knowledge and skills related to sexual health education
Variable label:	SHE PM 1807 3 provided sex ed materials
Dependence:	Depends on Q5_1-Q5_6
Threshold:	All Schools=55 and By Grade Level=19
SAS code:	if $Q5_1 = 1$ and $Q5_2 = 1$ and $Q5_3 = 1$ and $Q5_4 = 1$ and $Q5_5 = 1$ and $Q5_6 = 1$
	1 then SHE_PM_1807_3 = 1; else if Q5_1 = 2 or Q5_2 = 2 or Q5_3 = 2 or Q5_4 = 2 or Q5_5 = 2 or Q5_6 = 2 then SHE_PM_1807_3 = 2;
	if $Q5_1 = 3$ or $Q5_2 = 3$ or $Q5_3 = 3$ or $Q5_4 = 3$ or $Q5_5 = 3$ or $Q5_6 = 3$ then SHE PM 1807 3 =.;
SHS_PM_1807_4	
Numerator: Denominator:	Respondents who answered A for Q11_2_4, Q11_2_11, and Q11_2_17 Respondents who answered A for Q11_2_4, Q11_2_11, and Q11_2_17 or who answered B for any of Q11_2_4, Q11_2_11, or Q11_2_17
Summary text:	Percentage of schools that taught all of the following topics in grades 9, 10, 11, or 12:
	 How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy
	How to obtain condoms
	 Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health
Variable label:	SHS_PM_1807_4 taught SHS topics
Dependence:	Depends on Q11_2_4, Q11_2_11, and Q11_2_17
Threshold: SAS code:	All Schools=55 and By Grade Level=19 if O11, 2, 4 = 1 and O11, 2, 11 = 1 and O11, 2, 17 = 1 then SHS, PM, 1807, 4 = 1;
SAS code:	if Q11_2_4 = 1 and Q11_2_11 = 1 and Q11_2_17 = 1 then SHS_PM_1807_4 = 1; else if Q11_2_4 = 2 or Q11_2_11 = 2 or Q11_2_17 = 2 then SHS_PM_1807_4 = 2;
	~;

SSE PM 1807 1 Numerator: Respondents who answered A for Q22 8 Respondents who answered A or B for Q22 8 Denominator: Summary text: Percentage of schools in which school staff received professional development on classroom management techniques Variable label: SSE PM 1807 1 professional development on classroom management Dependence: Depends on Q22 8 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q22 8 = 1 then SSE PM 1807 1 = 1; else if Q22 8 = 2 then SSE PM 1807 1 = 2; D PM 1807 1 Numerator: Respondents who answered A for all of Q10 1-Q10 9 Denominator: Respondents who answered A for all of Q10 1-Q10 9 or who answered B for any of O10 1-O10 9 Summary text: Percentage of schools that taught all of the following topics in a required course: Differences between proper use and abuse of over-the-counter medicines and prescription medicines Harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs Situations that lead to the use of alcohol and other drugs Alcohol and other drug use as an unhealthy way to manage weight Identifying reasons why individuals choose to use or not to use alcohol and other drugs Using interpersonal communication skills to avoid alcohol and other drug use (e.g., refusal skills, assertiveness) Supporting others who abstain from or want to quit using alcohol and other drugs Understanding the social influences on alcohol and other drug use, including media, family, peers, and culture How to persuade and support others to be alcohol and other drug free Variable label: D PM 1807 1 taught all alcohol and drug topics Dependence: Depends on Q10 1-Q10 9 Threshold: All Schools=55 and By Grade Level=19 if Q10 1= 1 and Q10 2 = 1 and Q10 3 = 1 and Q10 4 = 1 and Q10 5 = 1 and Q10 6SAS code: = 1 and Q10 7 = 1 and Q10 8 = 1 and Q10 9 = 1 then D PM 1807 1 = 1; else if Q10 $\overline{1} = 2$ or Q10 $\overline{2} = 2$ or Q10 $\overline{3} = 2$ or Q10 $\overline{4} = 2$ or Q10 $\overline{5} = 2$ or Q10 6 $= 2 \text{ or } Q10^{-}7 = 2 \text{ or } Q10^{-}8 = 2 \text{ or } Q10^{-}9 = 2 \text{ then } D^{-}PM 1807 1 = 2;$

Q1N

Numerator: Respondents who answered C, D, or E for Q1
Denominator: Respondents who answered A, B, C, D, or E for Q1

Summary text: Percentage of all schools that require students to take two or more health education

courses

Variable label: Require 2+ health education courses

Dependence: Depends on Q1

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q1 in (3, 4, 5) then Q1N = 1;

else if Q1 in (1, 2) then Q1N = 2;

Q8N	
Numerator: Denominator:	Respondents who answered A for all of Q8_1-Q8_19 Respondents who answered A for all of Q8_1-Q8_19 or who answered B for any of Q8_1-Q8_19
Summary text:	Q8_1-Q8_19 Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year*
Footnote:	*Responses to Q8_1 through Q8_19 all are answered A. Identifying tobacco products and the harmful substances they contain Identifying short- and long-term health consequences of tobacco product use Identifying social, economic, and cosmetic consequences of tobacco product use Understanding the addictive nature of nicotine Effects of nicotine on the adolescent brain Effects of tobacco product use on athletic performance Effects of second-hand smoke and benefits of a smoke-free environment
	 Effects of second-hand smoke and benefits of a smoke-free environment Understanding the social influences on tobacco product use, including media, family, peers, and culture Identifying reasons why students do and do not use tobacco products Making accurate assessments of how many peers use tobacco products Using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness) Using goal-setting and decision-making skills related to not using tobacco products Finding valid information and services related to tobacco-use prevention and cessation Supporting others who abstain from or want to quit using tobacco products Identifying harmful effects of tobacco product use on fetal development
	 Relationship between using tobacco products and alcohol or other drugs How addiction to tobacco products can be treated Understanding school policies and community laws related to the sale and use of tobacco products Benefits of tobacco product cessation programs
Variable label: Dependence:	Q8N taught all 19 tobacco topics Depends on Q8 1-Q8 19
Threshold:	All Schools=55 and By Grade Level=19
SAS code:	if Q8_1 = 1 and Q8_2 = 1 and Q8_3 = 1 and Q8_4 = 1 and Q8_5 = 1 and Q8_6 = 1 and Q8_7 = 1 and Q8_8 = 1 and Q8_9 = 1 and Q8_10 = 1 and Q8_11 = 1 and Q8_12 = 1 and Q8_13 = 1 and Q8_14 = 1 and Q8_15 = 1 and Q8_16 = 1 and Q8_17 = 1 and Q8_18 = 1 and Q8_19 = 1 then Q8N = 1; else if Q8_1 = 2 or Q8_2 = 2 or Q8_3 = 2 or Q8_4 = 2 or Q8_5 = 2 or Q8_6 = 2 or Q8_7 = 2 or Q8_8 = 2 or Q8_9 = 2 or Q8_10 = 2 or Q8_11 = 2 or Q8_12 = 2 or Q8_13 = 2 or Q8_14 = 2 or Q8_15 = 2 or Q8_17 = 2 or Q8_18 = 2 or Q8_19 = 2 then Q8N = 2;

```
Q11N 1
Numerator:
                                                                     Respondents who answered A for all of Q11 1 1-Q11 1 22
                                                                     Respondents who answered A for all of Q11 1 1-Q11 1 22 or who answered B for
Denominator:
                                                                     any of Q11 1 1-Q11 1 22
                                                                     Percentage of schools that taught all 22 HIV, STD, and pregnancy prevention topics
Summary text:
                                                                     in any of grades 6, 7, or 8 during the current school year*
Footnote:
                                                                     *Responses to Q11 1 1-Q11 1 22 all are answered A.
Variable label:
                                                                     Taught all 22 MS HIV topics
Dependence:
                                                                     Depends on Q11 1 1-Q11 1 22
Threshold:
                                                                     All Schools=55 and By Grade Level=19
                                                                     if Q11 1 1 = 1 and Q11 1 2 = 1 and Q11 1 3 = 1 and Q11 1 4 = 1 and Q11 1 5
SAS code:
                                                                                   = 1 and Q11 1 6 = 1 and Q11 1 7 = 1 and Q11 1 8 = 1 and Q11 1 9 = 1 and
                                                                                   Q11 1 10 = 1 and Q11 1 11 = 1 and Q11 1 12 = 1 and Q11 1 13 = 1 and
                                                                                   Q11 1 14 = 1 and Q11 1 15 = 1 and Q11 1 16 = 1 and Q11 1 17 = 1 and
                                                                                   Q11 1 18 = 1 and Q11 1 19 = 1 and Q11 1 20 = 1 and Q11 1 21 = 1 and
                                                                                   Q11 1 22 = 1 then Q11N 1 = 1;
                                                                     else if Q11 1 1 = 2 or Q11 1 2 = 2 or Q11 1 3 = 2 or Q11 1 4 = 2 or Q11 1 5
                                                                                   = 2 \text{ or } Q11 \ 1 \ 6 = 2 \text{ or } Q11 \ 1 \ 7 = 2 \text{ or } Q11 \ 1 \ 8 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 \text{ or } Q11 \ 1 \ 9 = 2 
                                                                                   Q11 1 10=2 or Q11 1 11=2 or Q11 1 12=2 or Q11 1 13=2 or Q11 1 14
                                                                                   = 2 or Q11 1 15 = 2 or Q11 1 16 = 2 or Q11 1 17 = 2 or Q11 1 18 = 2 or
                                                                                   Q11 1 19 = 2 or Q11 1 20 = 2 or Q11 1 21 = 2 or Q11 1 22 = 2 then
                                                                                   Q11N 1 = 2;
                                                                     if Q11 1 1 = 3 or Q11 1 2 = 3 or Q11 1 3 = 3 or Q11 1 4 = 3 or Q11 1 5 = 3
                                                                                   or Q11 1 6 = 3 or Q11 1 7 = 3 or Q11 1 8 = 3 or Q11 1 9 = 3 or Q11 1 10
                                                                                   = 3 \text{ or } Q11 \ 1 \ 11 = 3 \text{ or } Q11 \ 1 \ 12 = 3 \text{ or } Q11 \ 1 \ 13 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 1 \ 14 = 3 \text{ or } Q11 \ 
                                                                                   Q11 1 15=3 or Q11 1 16=3 or Q11 1 17=3 or Q11 1 18=3 or Q11 1 19
                                                                                   = 3 \text{ or } Q11 \ 1 \ 20 = 3 \text{ or } Q11 \ 1 \ 21 = 3 \text{ or } Q11 \ 1 \ 22 = 3 \text{ then } Q11N \ 1 = :;
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Q11N 2
Numerator:
                                                 Respondents who answered A for all of Q11 2 1-Q11 2 22
                                                 Respondents who answered A for all of Q11 2 1-Q11 2 22 or who answered B for
Denominator:
                                                 any of Q11 2 1- Q11 2 22
                                                 Percentage of schools that taught all 22 HIV, STD, and pregnancy prevention topics
Summary text:
                                                 in any of grades 9, 10, 11, or 12 during the current school year*
Footnote:
                                                  *Responses to Q11 2 1- Q11 2 22 all are answered A.
Variable label:
                                                 Taught all 22 HS HIV topics
Dependence:
                                                 Depends on Q11 2 1-Q11 2 22
Threshold:
                                                 All Schools=55 and By Grade Level=19
                                                 if Q11 2 1 = 1 and Q11 2 2 = 1 and Q11_23 = 1 and Q11_24 = 1 and
SAS code:
                                                           Q11 2 5 = 1 and Q11 2 6 = 1 and Q11 2 7 = 1 and Q11 2 8 = 1 and
                                                           Q11 2 9 = 1 and Q11 2 10 = 1 and Q11 2 11 = 1 and Q11 2 12 = 1 and
                                                           Q11 \overline{2} 13 = 1 and Q11 \overline{2} 14 = 1 and Q11 \overline{2} 15 = 1 and Q11 \overline{2} 16 = 1 and
                                                           Q11 2 17 = 1 and Q11 2 18 = 1 and Q11 2 19 = 1 and Q11 2 20 = 1 and
                                                           Q11 2 21 = 1 and Q11 2 22 = 1 then Q11N 2 = 1;
                                                 else if Q11 2 1 = 2 or Q11 2 2 = 2 or Q11 2 3 = 2 or Q11 2 4 = 2 or Q11 2 5
                                                           = 2 \text{ or } Q11 \ 2 \ 6 = 2 \text{ or } Q11 \ 2 \ 7 = 2 \text{ or } Q11 \ 2 \ 8 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 \text{ or } Q11 \ 2 \ 9 = 2 
                                                           Q11 2 10 = 2 or Q11 2 11 = 2 or Q11 2 12 = 2 or Q11 2 13 = 2 or
                                                           Q11 2 14 = 2 or Q11 2 15 = 2 or Q11 2 16 = 2 or Q11 2 17 = 2 or
                                                           Q11 2 18 = 2 or Q11 2 19 = 2 or Q11 2 20 = 2 or Q11 2 21 = 2 or
                                                           Q11 2 22 = 2 then Q11N 2 = 2;
                                                 if Q11 2 1 = 3 or Q11 2 2 = 3 or Q11 2 3 = 3 or Q11 2 4 = 3 or Q11 2 5 = 3
                                                           or Q11 2 6 = 3 or Q11 2 7 = 3 or Q11 2 8 = 3 or Q11 2 9 = 3 or
                                                           Q11 2 10 = 3 or Q11 2 11 = 3 or Q11 2 12 = 3 or Q11 2 13 = 3 or
                                                           Q11 2 14 = 3 or Q11 2 15 = 3 or Q11 2 16 = 3 or Q11 2 17 = 3 or
                                                           Q11 2 18 = 3 or Q11 2 19 = 3 or Q11 2 20 = 3 or Q11 2 21 = 3 or
                                                           Q11 2 22 = 3 then Q11N 2 = .;
Q15N
Numerator:
                                                 Respondents who answered A for all of Q15 1-Q15 23
Denominator:
                                                 Respondents who answered A for all of Q15 1-Q15 23 or who answered B for any
                                                 of Q15 1-Q15 23
                                                 Percentage of schools that taught all 23 nutrition and dietary behavior topics during
Summary text:
                                                 the current school year*
Footnote:
                                                 *Responses to Q15 1- Q15 23 all are answered A.
                                                 Taught all 23 nutrition topics
Variable label:
                                                 Depends on Q15 1-Q15 23
Dependence:
Threshold:
                                                 All Schools=55 and By Grade Level=19
SAS code:
                                                 if Q15 1 = 1 and Q15 2 = 1 and Q15 3 = 1 and Q15 4 = 1 and Q15 5 = 1 and
                                                           Q15 6 = 1 and Q15 7 = 1 and Q15 8 = 1 and Q15 9 = 1 and Q15 10 = 1 and
                                                           Q15 11 = 1 and Q15 12 = 1 and Q15 13 = 1 and Q15 14 = 1 and Q15 15 = 1
                                                           and Q15 16 = 1 and Q15 17 = 1 and Q15 18 = 1 and Q15 19 = 1 and Q15 20
                                                           = 1 and \overline{Q15} 21 = 1 and \overline{Q15} 22 = 1 and \overline{Q15} 23 = 1 then \overline{Q15N} = 1;
                                                 else if Q15 1 = 2 or Q15 2 = 2 or Q15 3 = 2 or Q15 4 = 2 or Q15 5 = 2 or Q15 6
                                                           = 2 \text{ or } Q15 \ 7 = 2 \text{ or } Q15 \ 8 = 2 \text{ or } Q15 \ 9 = 2 \text{ or } Q15 \ 10 = 2 \text{ or } Q15 \ 11 = 2 \text{ or } Q15 \ 10 = 2 \text{ or } Q15 \ 11 = 2 \text{ or 
                                                           Q15 12 = 2 or Q15 13 = 2 or Q15 14 = 2 or Q15 15 = 2 or Q15 16 = 2 or
                                                           Q15 17 = 2 or Q15 18 = 2 or Q15 19 = 2 or Q15 20 = 2 or Q15 21 = 2 or
                                                           Q15 22 = 2 or Q15 23 = 2 then Q15N = 2;
```

Q16N Numerator: Respondents who answered A for all of Q16 1-Q16 13 Respondents who answered A for all of Q16 1-Q16 13 or who answered B for any Denominator: of Q16 1-Q16 13 Percentage of schools that taught all 13 physical activity topics during the current Summary text: school year* Footnote: *Responses to Q16 1- Q16 13 all are answered A. Variable label: Taught all 13 physical activity topics Depends on Q16 1-Q16 13 Dependence: All Schools=55 and By Grade Level=19 Threshold: if Q16 1 = 1 and Q16 2 = 1 and Q16 3 = 1 and Q16 4 = 1 and Q16 5 = 1 and SAS code: Q16 6 = 1 and Q16 7 = 1 and Q16 8 = 1 and Q16 9 = 1 and Q16 10 =Q16 11 = 1 and Q16 12 = 1 and Q16 13 = 1 then Q16N = 1; else if $\overline{Q16}$ 1 = 2 or $\overline{Q16}$ 2 = 2 or $\overline{Q16}$ 3 = 2 or $\overline{Q16}$ 4 = 2 or $\overline{Q16}$ 5 = 2 or $\overline{Q16}$ 6 $= 2 \text{ or } Q16_7 = 2 \text{ or } Q16_8 = 2 \text{ or } Q16_9 = 2 \text{ or } Q16_10 = 2 \text{ or } Q16_11 = 2 \text{ or } Q1$ Q16 12 = 2 or Q16 13 = 2 then Q16N = 2; Q27N 1 Numerator: Respondents who answered A or B for Q27 Respondents who answered A or B for Q27 or who answered C-L for Q27 Denominator: Percentage of schools in which the major emphasis of the lead health education Summary text: teacher's professional preparation was health education or health and physical education combined (A or B) HE or HE/PE combined Variable label: Depends on Q27 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q27 in (1,2) = 1 then Q27N 1 = 1; else if Q27 > 2 then Q27N 1 = 2; Q27N 2 Numerator: Respondents who answered C or E for Q27 Respondents who answered C or E for Q27 or who answered A, B, D, or F-L for Denominator: Percentage of schools in which the major emphasis of the lead health education Summary text: teacher's professional preparation was physical education, kinesiology, exercise science or exercise physiology (C or E) Variable label: PE or kinesiology Dependence: Depends on O27 Threshold: All Schools=55 and By Grade Level=19 if Q27 in (3,5) = 1 then Q27N 2 = 1; SAS code: else if Q27 in (1,2,4) or $5 < Q27 \le 12$ then Q27N 2 = 2;

Q27N 3 Numerator: Respondents who answered F, G or K for Q27 Respondents who answered F, G or K for Q27 or who answered A-E, H-J, or L for Denominator: Q27 Percentage of schools in which the major emphasis of the lead health education Summary text: teacher's professional preparation was home economics or family and consumer science, biology or other science, or nutrition (F, G, or K) Variable label: Home economics or other Dependence: Depends on Q27 Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q27 in (6,7,11) = 1 then Q27N 3 = 1; else if Q27 in (8,9,10,12) or 0 < Q27 < 6 then Q27N 3 = 2; Q27N 4 Respondents who answered H or I for Q27 Numerator: Denominator: Respondents who answered H or I for Q27 or who answered A-G, J-L for Q27 Percentage of schools in which the major emphasis of the lead health education Summary text: teacher's professional preparation was nursing or counseling (H or I) Variable label: Nursing or counseling Dependence: Depends on Q27 All Schools=55 and By Grade Level=19 Threshold: SAS code: if Q27 in (8.9) = 1 then Q27N 4 = 1; else if 0 < Q27 < 8 or 9 < Q27 <= 12 then Q27N 4 = 2; Q27N 5 Numerator: Respondents who answered J or L for Q27 Denominator: Respondents who answered J or L for Q27 or who answered A-I or K for Q27 Percentage of schools in which the major emphasis of the lead health education Summary text: teacher's professional preparation was public health or other (J or L) Variable label: Public health or other

Dependence:

Threshold:

SAS code:

Depends on O27

All Schools=55 and By Grade Level=19

if Q27 in (10,12) = 1 then Q27N 5 = 1;

else if 0 < Q27 < 10 or Q27 in (11) then Q27N 5 = 2;

5. Combined Principal/Lead Health Education Teacher Supplemental Variables

Supplemental variables SSE_PM_1807_2 and SSE_PM_1807_3 are derived from both principal and lead health education teacher questions. Schools with either a participating principal or a participating lead health education teacher or both are counted as respondents and included in the calculation of these supplemental variables. Using this counting rule, a response rate is calculated for determining whether SSE_PM_1807_2 and SSE_PM_1807_3 are weighted. If the response rate is at least 70%, weighted estimates of SSE_PM_1807_2 and SSE_PM_1807_3 are produced. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

SSE PM 1807 2

Numerator: Respondents who answered A for principal Q9 3 and teacher Q22 4

Denominator: Respondents who answered A for principal Q9 3 and teacher Q22 4 or who

answered B for principal Q9 3 or teacher Q22 4

Summary text: Percentage of schools in which school staff received professional development to

support lesbian, gay, bisexual, and transgender students

Variable label: SSE PM 1807 2 PD support LGBT

Dependence: Depends on principal Q9_3 and teacher Q22_4

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $PQ9_3 = 1$ and $TQ22_4 = 1$ then $SSE_PM_1807_2 = 1$;

else if PQ9 3 = 2 or TQ22 4 = 2 then SSE PM 1807 2 = 2;

SSE PM 1807 3

Numerator: Respondents who answered A for principal Q46 1, Q46 2, Q46 3, Q46 4, and

teacher Q19 5

Denominator: Respondents who answered A for principal Q46 1, Q46 2, Q46 3, Q46 4, and

teacher Q19 5 or who answered B for principal Q46 1, Q46 2, Q46 3, Q46 4, or

teacher O19 5

Summary text: Percentage of schools that performed all of the following activities to communicate

with parents and families:

• Provided parents with information to support parent-adolescent

communication specifically about sex

• Provided parents with information to support parent-adolescent

communication about topics other than sex

• Provided parents with information about how to monitor their teen (e.g., setting parental expectations, keeping track of their teen, responding when

their teen breaks the rules)

Provided parents with information to support one-on-one time between

adolescents and their health care providers

Provided parents with health information designed to increase parent and

family knowledge of HIV, other STD, or pregnancy prevention

Variable label: SSE PM 1807 3 communicate families

Dependence: Depends on principal Q46 1- Q46 4 and teacher Q19 5

Threshold: All Schools=55 and By Grade Level=19

SAS code: if PO46 1 = 1 and PO46 2 = 1 and PO46 3 = 1 and PO46 4 = 1 and TO19 5 = 1

then SSE PM 1807 3 = 1;

else if PQ46 1 = 2 or PQ46 2 = 2 or PQ46 3 = 2 or PQ46 4 = 2 or TQ19 5 = 2

then SSE PM 1807 3 = 2;

III. Analysis Software Technical Notes

1. Software Requirements and Sample Packages

Profiles uses a systematic equal probability sample design. Statistical software used to analyze Profiles data should account for this design. Although the point estimates will always match, there will be small differences in the confidence intervals as different methods for calculating standard errors are used. Many packages with this capability for calculating standard errors are available (SUDAAN, SAS, STATA, SPSS, and Epi Info).

For Profiles, a finite population correction factor (fpc) is applied to the standard error of the proportion. The fpc accounts for sampling from a finite population without replacement. The large sample statistical theory and the standard errors of the percentage are based on the assumption that the samples are selected with replacement. However, in practice, samples are selected without replacement from populations that are of a finite size. When using the statistical packages mentioned above, special programming is required to incorporate the fpc into the calculation of asymmetric confidence intervals. Sample SAS programs using SAS-callable SUDAAN for calculating standard errors and for computing 95% asymmetric confidence intervals with fpc adjustment are provided in Section 3, separately for each survey and sample design (sample, census).

2. How to Use the SAS Format Library

The SAS format library contains the formats used to make SAS output more readable. Formats are linked to the data so that results are displayed as words ("Yes" or "No", for instance) instead of numbers (1 or 2). The SAS Profiles data file is designed to use its companion format library. You should download both the data file and the format library if you want to use SAS to analyze Profiles data.

The following example SAS program shows how to use the format library. It assumes that both the data file and the format library have been downloaded to "c:\data". The libname statement indicates where the data file and the format library are located

```
libname mydata "c:\data"; /* tells SAS where the data are */
options fmtsearch=(mydata.xx2022_formats); /* tells SAS where the formats are (xx is the site
code as it appears on the file name on the Survey TA website) */
proc freq data=mydata.xxt2022;
tables q3;
run;
```

Using the format library is recommended but technically is optional. If you do not want to use the format library, include the following statement at the start of your SAS program:

options nofmterr; /* tells SAS not to look for formats */

Please note that each year of Profiles data has its own format library. Format libraries are not the same across years of data.

For further information on using format libraries, please consult your SAS documentation.

3. Example SAS and SAS-callable SUDAAN Program

a. Principal Program for a Sample

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "2022 Example Principal Program_Sample.sas."

```
* Assign the locations for the SAS data and format library;
libname pdata "c:\profiles2022"; /* tells SAS where the data are
libname library "c:\profiles2022"; /* tells SAS where the format library is */
* Create a temporary dataset from the principal SAS data set loaded to the Survey TA website retaining only
   records that have principal analysis weights greater than zero (xx is the site code as it appears on the file
   name on the Survey TA website);
data principal;
   set pdata.xx principal;
   if finalwt > 0:
run;
* Sort the data by stratum – this is a SUDAAN requirement;
proc sort data=principal;
   by psstrat;
run;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q3 by
   grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=principal filetype=sas design=strwr atlevel1=1;
weight finalwt;
nest psstrat;
subgroup f grdlvl2;
levels 3;
var q1_1 q1_2 q1_3 q1_4 q1_5 q1_6 q1_7
      q3 q3
catlevel
/* q1 */ 1111111
/* q3 */ 12
setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;
output nsum wsum percent sepercent /filename=pdata.xx2022 principal estimate filetype=sas
tablecell=default replace;
title "2022 school health profiles – principal survey";
print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;
```

```
* Compute asymmetric 95% confidence intervals for principal percent estimates with finite population
   correction;
* Extract finite population correction factor (ps. fpc) from the principal SAS dataset on the Survey TA website;
data ps fpc;
set principal (keep=ps fpc);
if n = 1;
run:
* Run Proc Means for computing the number of participating principals (nobs p) and the number of unique
strata in the principal dataset (npsstrat) - these variables are used for calculating the degrees of freedom (df p);
proc means data = principal;
var psstrat;
output out=out p n=nobs p max=npsstrat;
* Create a dataset that contains ps fpc, nobs p, npsstrat, percent, sepercent;
data xx2022 allvar;
if n = 1 then set ps fpc;
if n = 1 then set out p (DROP= TYPE FREQ );
 set pdata.xx2022 principal estimate;
format all;
run:
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data pdata.xx2022 principal ci;
 set xx2022 allvar;
  se s1=sepercent;
  wpct s= percent/100;
  se s2 = se s1*(sqrt(ps fpc));
  if 0 < \text{wpct } s < 1 \text{ then do};
  wpct s 2 = 1 - wpct s;
   ln p = log(wpct s) - log(wpct s 2);
  if wpct s=0 or wpct s=0 then se p=0;
   else se p = (se s2/100)/(wpct s*(wpct s 2));
   df p = nobs p - npsstrat;
  lf = ln p - (tinv(0.975,df p))*se p;
  uf = \ln p + (tinv(0.975,df p))*se p;
  lower = 100*(\exp(1f)/(1+\exp(1f)));
  upper = 100*(exp(uf)/(1+exp(uf)));
  end;
  else do;
  lower = .;
  upper = .;
  end;
* Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1 1';
if variable = 2 then var name = 'q1 2';
if variable = 3 then var name = 'q1 3';
if variable = 4 then var name = 'q1 	 4';
if variable = 5 then var name = 'q1 5';
if variable = 6 then var name = 'q1 6';
if variable = 7 then var name = 'q1 7';
if variable = 8 then var name = 'q3';
if variable = 9 then var name = 'q3';
label
 ps fpc = "principal finite population correction factor"
 nobs p = "number of participating principals"
 npsstrat = "number of unique strata in the principal dataset"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
  c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In p = "logit transformation of proportion"
 se p = "standard error of logit-transformed proportion"
 df p = "degrees of freedom in the principal dataset"
 lf = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run;
* print the final results;
proc print data=pdata.xx2022 principal ci;
var var name f grdlvl2 ps fpc nobs p npsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct uppct
se_s1 wpct_s se_s2 wpct_s_2 ln_p se p df p lf uf lower upper
run;
```

b. Principal Program for a Census

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "2022 Example Principal Program Census.sas."

```
* Assign the locations for the SAS data and format library;
libname pdata "c:\profiles2022"; /* tells SAS where the data are
libname library "c:\profiles2022"; /* tells SAS where the format library is */
* Create a temporary dataset from the principal SAS data set loaded to the Survey TA website retaining only
   records that have principal analysis weights greater than zero (xx is the site code as it appears on the file
   name on the Survey TA website);
data principal;
   set pdata.xx principal;
   if finalwt > 0;
run;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q3 by
   grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=principal filetype=sas design=strwor atlevel1=1;
weight finalwt;
nest ONE;
totent adjfsize;
subgroup f grdlvl2;
levels 3;
var q1_1 q1_2 q1_3 q1_4 q1_5 q1_6 q1_7
      q3 q3
catlevel
/* q1 */ 1111111
/* q3 */ 12
setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;
output nsum wsum percent sepercent /filename=pdata.xx2022 principal estimate filetype=sas
tablecell=default replace;
title "2022 school health profiles – principal survey";
print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;
run;
```

```
* Compute asymmetric 95% confidence intervals for principal percent estimates with finite population
   correction;
* Extract finite population correction factor (ps fpc) from the principal SAS dataset on the Survey TA website;
data ps fpc;
set principal (keep=ps fpc);
if n = 1;
run:
* Run Proc Means for computing the number of participating principals (nobs p) which is used for calculating
the degrees of freedom (df p);
proc means data= principal;
var finalwt;
output out=out p n=nobs p;
run;
* Create a dataset that contains ps fpc, nobs p, percent, sepercent;
data xx2022 allvar;
if n = 1 then set ps fpc;
if n = 1 then set out_p (DROP=_TYPE__FREQ_);
set pdata.xx2022 principal estimate;
format all;
run;
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data pdata.xx2022 principal ci;
 set xx2022 allvar;
  se s1 = sepercent;
  wpct s = percent/100;
  se s2 = se s1*(sqrt(ps fpc));
  if 0 < wpct s < 1 then do;
  wpct s 2 = 1 - wpct s;
  ln p = log(wpct s) - log(wpct s 2);
  if wpct s=0 or wpct s 2 = 0 then se p=0;
  else se p = (se s2/100)/(wpct s*(wpct s 2));
  npsstrat = 1;
  df p = nobs p - npsstrat;
  lf = ln p - (tinv(0.975,df p))*se p;
  uf = \ln p + (tinv(0.975,df p))*se p;
  lower = 100*(\exp(lf)/(1+\exp(lf)));
  upper = 100*(\exp(uf)/(1+\exp(uf)));
  end;
  else do:
  lower = .;
  upper = .;
  end;
* Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1 1';
if variable = 2 then var name = 'q1 2';
if variable = 3 then var name = 'q1 3';
if variable = 4 then var name = 'q1 \ 4';
if variable = 5 then var name = 'q1 5';
if variable = 6 then var name = 'q1 6';
if variable = 7 then var name = 'q1 7';
if variable = 8 then var name = 'q3';
if variable = 9 then var name = 'q3';
label
 ps fpc = "principal finite population correction factor"
 nobs p = "number of participating principals"
 npsstrat = "number of unique strata in the principal dataset (set to 1 for a Census)"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
 _c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In p = "logit transformation of proportion"
 se p = "standard error of logit-transformed proportion"
 df p = "degrees of freedom in the principal dataset"
 If = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run;
* print the final results;
proc print data=pdata.xx2022 principal ci;
var var name f grdlvl2 ps fpc nobs p npsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct uppct
se s1 wpct s se s2 wpct s 2 ln p se p df p lf uf lower upper;
run;
```

c. Lead Health Education Teacher Program for a Sample

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "2022 Example Teacher Program_Sample.sas."

```
* Assign the locations for the SAS data and format library;
libname tdata "c:\profiles2022"; /* tells SAS where the data are
libname library "c:\profiles2022"; /* tells SAS where the format library is */
* Create a temporary dataset from the teacher SAS data set loaded on the Survey TA website retaining only
       records that have teacher analysis weights greater than zero (xx is the site code as it appears on the file name
       on the Survey TA website);
option ls=132 ps=85;
data teacher;
       set tdata.xx teacher;
       if finalwt > 0;
      /* Special processing is required for Q2 1 – Q2 7 before running SUDAAN. Q2, a grade-specific question,
       can be skipped depending on the response of Q1. Q1=1 ("0 courses") is counted as Q2 1 – Q2 7=2 ("No")
       provided the school taught that specific grade. Respondents who answered "Grade not taught in your school"
       are excluded */
        if q2 = 1 = 2 or (q1 = 1) and (f \cdot lowgrade < 7) and (f \cdot lowgrade < 7) then (g1 = 1) then (g2 \cdot 1) = 2;
         if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 8) and (g1 = 1) then (g2 \cdot 2) = 2;
         if q2 \cdot 3 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 9 \text{ and } f \text{ higrade} > 7)) then <math>q2 \cdot 3 = 2;
         if q2 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 10 \text{ and } f \text{ higrade} > 8)) then <math>q2 = 4 = 2;
         if q2 = 5 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 11 \text{ and } f \text{ higrade} > 9)) then <math>q2 = 5 = 2;
         if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 12) and (f \cdot lowgrade < 12) then (g1 = 1) then (g2 \cdot lowgrade < 12) and (g1 = 1) then (g2 \cdot lowgrade < 12) and (g1 = 1) then (g2 \cdot lowgrade < 12) and (g1 = 1) then (g2 \cdot lowgrade < 12) th
         if q2 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 13 \text{ and } f \text{ higrade} > 11)) then <math>q2 = 2;
         array com q2(7) q2_1 - q2_7;
         do J = 1 to 7;
             if com q2(J) = 3 then com q2(J) = .N;
          end;
run;
* Sort the data by stratum – this is a SUDAAN requirement;
proc sort data=teacher;
       by tsstrat;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q2 by
       grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=teacher filetype=sas design=strwr atlevel1=1;
weight finalwt;
nest tsstrat;
subgroup f grdlvl2;
levels 3;
var q1 q1 q1 q1 q1
            q2 1 q2 2 q2 3 q2 4 q2 5 q2 6 q2 7
```

```
catlevel
/* q1 */ 1 2 3 4 5
/* q2 */ 1 1 1 1 1 1 1
;
setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;
output nsum wsum percent sepercent /filename=tdata.xx2022_teacher_estimate filetype=sas tablecell=default replace;
title "2022 school health profiles – teacher survey";
print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;
run;
```

```
* Compute asymmetric 95% confidence intervals for teacher percent estimates with finite population
   correction;
* Extract finite population correction factor (ts fpc) from the teacher SAS dataset loaded on the Survey TA
website:
data ts fpc;
set teacher (keep=ts fpc);
if n = 1;
run;
* Run Proc Means for computing the number of participating teachers (nobs t) and the number of unique strata
in the teacher dataset (ntsstrat) - these variables are used for calculating the degrees of freedom (df t);
proc means data= teacher;
var tsstrat;
output out=out t n=nobs t max=ntsstrat;
* Create a dataset that contains ts fpc, nobs t, ntsstrat, percent, sepercent;
data xx2022 allvar;
if n = 1 then set ts fpc;
if n = 1 then set out t (DROP= TYPE FREQ );
set tdata.xx2022 teacher estimate;
format all;
run;
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data tdata.xx2022 teacher ci;
 set xx2022 allvar;
  se s1=sepercent;
  wpct s = percent/100;
  se s2 = se s1*(sqrt(ts fpc));
  if 0 < wpct s < 1 then do;
  wpct s 2 = 1 - wpct s;
  ln t = log(wpct s) - log(wpct s 2);
  if wpct s=0 or wpct s=0 then se t=0;
  else se t = (se s2/100)/(wpct s*(wpct s 2));
  df t = nobs t - ntsstrat;
  1f = \ln t - (tinv(0.975, df t))*se t;
  uf = \ln t + (tinv(0.975,df t))*se t;
  lower = 100*(\exp(lf)/(1+\exp(lf)));
  upper = 100*(\exp(uf)/(1+\exp(uf)));
  end;
  else do:
  lower = .;
  upper = .;
 Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1';
if variable = 2 then var name = 'q1';
if variable = 3 then var name = 'q1';
if variable = 4 then var name = 'q1';
if variable = 5 then var name = 'q1';
if variable = 6 then var name = 'q2 1';
if variable = 7 then var name = 'q2 2';
if variable = 8 then var name = 'q2 3';
if variable = 9 then var name = 'q2 4';
if variable = 10 then var name = 'q2 5';
if variable = 11 then var name = 'q2 6';
if variable = 12 then var name = 'q2 7';
label
 ts fpc = "teacher finite population correction factor"
 nobs t = "number of participating teachers"
 ntsstrat = "number of unique strata in the teacher dataset"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
  c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In t = "logit transformation of proportion"
 se t = "standard error of logit-transformed proportion"
 df t = "degrees of freedom in the teacher dataset"
 If = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run:
* print the final results;
proc print data=tdata.xx2022 teacher ci;
var var name f grdlvl2 ts fpc nobs t ntsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct uppct
se s1 wpct s se s2 wpct s 2 ln t se t df t lf uf lower upper
run;
```

d. Lead Health Education Teacher Program for a Census

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "2022 Example Teacher Program Census.sas."

```
* Assign the locations for the SAS data and format library;
libname pdata "c:\profiles2022"; /* tells SAS where the data are
libname library "c:\profiles2022"; /* tells SAS where the format library is */
* Create a temporary dataset from the teacher SAS data set loaded on the Survey TA website retaining only
      records that have teacher analysis weights greater than zero (xx is the site code as it appears on the file name
      on the Survey TA website);
option ls=132 ps=85;
data teacher;
      set tdata.xx teacher;
      if finalwt > 0;
       /* Special processing is required for Q2 1 – Q2 7 before running SUDAAN. Q2, a grade-specific question,
      can be skipped depending on the response of Q1. Q1=1 ("0 courses") is counted as Q2 1 – Q2 7=2 ("No")
      provided the school taught that specific grade. Respondents who answered "Grade not taught in your school"
      are excluded */
        if q2 = 1 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 7 \text{ and } f \text{ higrade} > 5)) then <math>q2 = 1 = 2;
        if q2 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 8 \text{ and } f \text{ higrade} > 6)) then <math>q2 = 2 = 2;
        if q2 = 2 or (q1 = 1 \text{ and } (f \text{ lowgrade} < 9 \text{ and } f \text{ higrade} > 7)) then <math>q2 = 3 = 2;
        if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 10) and (g1 = 1) then (g2 = 4) = 2;
        if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 11) and (f \cdot lowgrade < 11) then (g1 = 1) then (g2 = 1)
        if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 12) and (f \cdot lowgrade > 10) then (g1 = 1) then (g2 \cdot lowgrade > 10)
        if q2 = 2 or (q1 = 1) and (f \cdot lowgrade < 13) and (f \cdot lowgrade < 13) then (g1 = 1) then (g2 = 1)
        array com q2(7) q2 1 - q2 7;
        do J = 1 to 7;
            if com q2(J) = 3 then com q2(J) = .N;
         end;
run;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q2 by
      grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=teacher filetype=sas design=strwor atlevel1=1;
weight finalwt;
nest one;
totent adjfsize;
subgroup f grdlvl2;
levels 3;
var q1 q1 q1 q1 q1
          q2 1 q2 2 q2 3 q2 4 q2 5 q2 6 q2 7
catlevel
/* q1 */ 12345
/* q2 */ 1111111
```

setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;

output nsum wsum percent sepercent /filename=tdata.xx2022_teacher_estimate filetype=sas tablecell=default replace;

title "2022 school health profiles – teacher survey";

print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;

run;

```
* Compute asymmetric 95% confidence intervals for teacher percent estimates with finite population
   correction;
* Extract finite population correction factor (ts fpc) from the teacher SAS dataset loaded on the Survey TA
website:
data ts fpc;
set teacher (keep=ts fpc);
if n = 1;
run;
* Run Proc Means for computing the number of participating teachers (nobs t) which is used for calculating the
degrees of freedom (df t);
proc means data= teacher;
var finalwt;
output out=out t n=nobs t;
run;
* Create a dataset that contains ts fpc, nobs t, percent, sepercent;
data xx2022 allvar;
if n = 1 then set ts fpc;
if n = 1 then set out t (DROP= TYPE FREQ );
set tdata.xx2022 teacher estimate;
format all;
run;
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data tdata.xx2022 teacher ci;
 set xx2022 allvar;
  se s1 = sepercent;
  wpct s = percent/100;
  se s2 = se s1*(sqrt(ts fpc));
  if 0 < \text{wpct } s < 1 \text{ then do};
  wpct s 2 = 1 - wpct s;
  ln t = log(wpct s) - log(wpct s 2);
  if wpct s=0 or wpct s 2 = 0 then se t=0;
  else se t = (se s2/100)/(wpct s*(wpct s 2));
  ntsstrat = 1;
  df t = nobs t - ntsstrat;
  1f = \ln t - (tinv(0.975, df t))*se t;
  uf = ln t + (tinv(0.975,df t))*se t;
  lower = 100*(\exp(lf)/(1+\exp(lf)));
  upper = 100*(\exp(uf)/(1+\exp(uf)));
  end;
  else do:
  lower = .;
  upper = .;
  end;
* Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1';
if variable = 2 then var name = 'q1';
if variable = 3 then var name = 'q1';
if variable = 4 then var name = 'q1';
if variable = 5 then var name = 'q1';
if variable = 6 then var name = 'q2 1';
if variable = 7 then var_name = 'q2 2';
if variable = 8 then var name = 'q2 3';
if variable = 9 then var name = 'q2 4';
if variable = 10 then var name = 'q2 	 5';
if variable = 11 then var name = 'q2 6';
if variable = 12 then var name = 'q2 7';
label
 ts fpc = "teacher finite population correction factor"
 nobs t = "number of participating teachers"
 ntsstrat = "number of unique strata in the teacher dataset (set to 1 for a Census)"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
  c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In t = "logit transformation of proportion"
 se t = "standard error of logit-transformed proportion"
 df t = "degrees of freedom in the teacher dataset"
 If = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run:
* print the final results;
proc print data=tdata.xx2022 teacher ci;
var var name f grdlvl2 ts fpc nobs t ntsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct uppct
se s1 wpct s se s2 wpct s 2 ln t se t df t lf uf lower upper
run;
```