

Hospital Respiratory Data – Weekly Import File

Specifications Updated: 06/26/2025

Version 3

Implementation date: 10/29/2024

Updates included in this version are highlighted in orange

NHSN HRD Import File Format – use the specifications below when reporting data to NHSN HRD Module, Weekly Data Pathway for weekending date 10/12/2024 and going forward. Full reporting guidance can be found in the NHSN HRD Protocol: <https://www.cdc.gov/nhsn/pdfs/pscmanual/HRD-Protocol-Final.pdf>. Additional NHSN HRD resources available here: <https://www.cdc.gov/nhsn/psc/hospital-respiratory-reporting.html>.

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
orgID	1a	NHSN Org ID	Required	Integer (whole number)	i.e., 12345	
context	1b	Reporting Context	Required	Character	HOSP IPF IRF CH OTH	<p>Unit- or location-level reporting indicator – required for all imports, including groups.</p> <p>Only allow IRF if the facility has an active IRF location enrolled in NHSN.</p> <p>Only allow IPF if the facility has an active IPF location enrolled in NHSN.</p> <p>CH and OTH contexts available for separate reporting of pediatric or other unit-specific data if desired, but not required.</p>
weekEndingDate	1c	Weekending Date	Required	Datetime MM/DD/YYYY		<p>Enter or select the week ending date for the reporting week for which the counts and/or responses in the pathway apply. For example, if reporting the total number of new hospital admissions of patients with laboratory-confirmed COVID-19 age 0-4 years for the Sunday - Saturday reporting week, Saturday of the reporting week should be entered as the weekEndingDate, or select the corresponding reporting week on the</p>

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
						calendar view as the week for which counts are being reported in the HRD Weekly Pathway.
numInPtBeds	2a	All hospital inpatient beds	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be >= 2b. numInPtBedsAdult + 2c. numInPtBedsPed Must be >= 3a. numInPtBedsOcc
numInPtBedsAdult	2b	All adult inpatient beds	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be <= 2a. numInPtBeds Must be >= 3b. numInPtBedsOccAdult
numInPtBedsPed	2c	All pediatric inpatient beds	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be <= 2a. numInPtBeds Must be >= 3c. numInPtBedsOccPed
numInPtBedsOcc	3a	All hospital inpatient occupancy	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be >= 5a. numICUBedsOcc (where 5a. numICUBedsOcc does not equal 9999) AND Must be >= (3b. numInPtBedsOccAdult + 3c. numInPtBedsOccPed)
numInPtBedsOccAdult	3b	All adult inpatient occupancy	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be <= 3a. numInPtBedsOcc AND Must be >= 5b. numICUBedsOccAdult (where 5b. numICUBedsOccAdult does not equal 9999)
numInPtBedsOccPed	3c	All pediatric inpatient occupancy	Required*, †	Integer (whole number)	0 to 2500	Required for all reporting weeks Must be <= 3a. numInPtBedsOcc AND Must be >= 5c. numICUBedsOccPed (where 5c. numICUBedsOccPed does not equal 9999)
numICUBeds	4a	All ICU beds	Required*, †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks If not equal to 9999: Must be <= 2a. numInPtBeds AND Must be >= 4b. numICUBedsAdult (where 4b. numICUBedsAdult does NOT equal 9999) + 4c.

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
						numICUBedsPed (where 4c. numICUBedsPed does NOT equal 9999)) AND Must be >= 5a. numICUBedsOcc
numICUBedsAdult	4b	Adult ICU beds	Required* , †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: Must be <= 4a. numICUBeds AND Must be >= 5b. numICUBedsOccAdult
numICUBedsPed	4c	Pediatric ICU beds	Required* , †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: Must be <= 4a. numICUBeds AND Must be >= 5c. numICUBedsOccPed
numICUBedsOcc	5a	All ICU bed occupancy	Required* , †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: Must be <= 3a. numInPtBedsOcc AND Must be >= 5b. numICUBedsOccAdult (where 5b. numICUBedsOccAdult does NOT equal 9999) + 5c. numICUBedsOccPed (where 5c. numICUBedsOccPed does NOT equal 9999)
numICUBedsOccAdult	5b	Adult ICU bed occupancy	Required* , †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 OR if 4b. numICUBedsAdult equals 9999 If not equal to 9999: Must be <= 5a. numICUBedsOcc
numICUBedsOccPed	5c	Pediatric ICU bed occupancy	Required* , †	Integer (whole number)	9999 (if applicable) OR 0 to 500	Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 OR if 4c. numICUBedsPed equals 9999 If not equal to 9999: Must be <= 5a. numICUBedsOcc

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
numConfC19HospPatsAdult	6a	All hospitalized adult patients with laboratory-confirmed COVID-19	Required*	Integer (whole number)	0 to 500	Required for all reporting weeks
numConfC19HospPatsPed	6b	All hospitalized pediatric patients with laboratory-confirmed COVID-19	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks
numConfC19ICUPatsAdult	9a	Adult ICU patients with laboratory-confirmed COVID-19	Required*	Integer (whole number)	0 to 200	Required for all reporting weeks Must be <= 6a. numConfC19HospPatsAdult
numConfC19ICUPatsPed	9b	Pediatric ICU patients with laboratory-confirmed COVID-19	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks Must be <= 6b. numConfC19HospPatsPed
numConfFluHospPatsAdult	7a	All hospitalized adult patients with laboratory-confirmed influenza	Required*	Integer (whole number)	0 to 200	Required for all reporting weeks
numConfFluHospPatsPed	7b	All hospitalized pediatric patients with laboratory-confirmed influenza	Required*	Integer (whole number)	0 to 200	Required for all reporting weeks
numConfFluICUPatsAdult	10a	Adult ICU patients with laboratory-confirmed influenza	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks Must be <= 7a. numConfFluHospPatsAdult
numConfFluICUPatsPed	10b	Pediatric ICU patients with laboratory-confirmed influenza	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks Must be <= 7b. numConfFluHospPatsPed
numConfRSVHospPatsAdult	8a	All Hospitalized adult patients with laboratory-confirmed RSV	Required*	Integer (whole number)	0 to 200	Required for all reporting weeks
numConfRSVHospPatsPed	8b	All Hospitalized pediatric patients with laboratory-confirmed RSV	Required*	Integer (whole number)	0 to 200	Required for all reporting weeks
numConfRSVICUPatsAdult	11a	Adult ICU patients with laboratory-confirmed RSV	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks Must be <= 8a. numConfRSVHospPatsAdult
numConfRSVICUPatsPed	11b	Pediatric ICU patients with laboratory-confirmed RSV	Required*	Integer (whole number)	0 to 100	Required for all reporting weeks Must be <= 8b. numConfRSVHospPatsPed
numConfC19NewAdmPed0to4	12a	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 0-4 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks

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numConfC19NewAdmPed5to17	12b	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 5-17 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfC19NewAdmAdult18to49	12c	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 18-49 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfC19NewAdmAdult50to64	12d	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 50-64 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfC19NewAdmAdult65to74	12e	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 65-74 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfC19NewAdmAdult75plus	12f	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 75+ years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfC19NewAdmUnk	12g	Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, unknown age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmPed0to4	13a	Weekly total number of new admissions of patients with laboratory-confirmed influenza, 0-4 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmPed5to17	13b	Weekly total number of new admissions of patients with laboratory-confirmed influenza, 5-17 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmAdult18to49	13c	Weekly total number of new admissions of patients with laboratory-confirmed	Required	Integer (whole number)	0 to 700	Required for all reporting weeks

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
		influenza, 18-49 years of age				
numConfFluNewAdmAdult50to64	13d	Weekly total number of new admissions of patients with laboratory-confirmed influenza, 50-64 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmAdult65to74	13e	Weekly total number of new admissions of patients with laboratory-confirmed influenza, 65-74 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmAdult75plus	13f	Weekly total number of new admissions of patients with laboratory-confirmed influenza, 75+ years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfFluNewAdmUnk	13g	Weekly total number of new admissions of patients with laboratory-confirmed influenza, unknown age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmPed0to4	14a	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 0-4 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmPed5to17	14b	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 5-17 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmAdult18to49	14c	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 18-49 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmAdult50to64	14d	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 50-64 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmAdult65to74	14e	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 65-74 years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
numConfRSVNewAdmAdult75plus	14f	Weekly total number of new admissions of patients with laboratory-confirmed RSV, 75+ years of age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
numConfRSVNewAdmUnk	14g	Weekly total number of new admissions of patients with laboratory-confirmed RSV, unknown age	Required	Integer (whole number)	0 to 700	Required for all reporting weeks
N95MaskSupplyDays	15a	On hand supply (DURATION in days) n95 respirators	Optional [§]	character	0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS	Optional for all reporting weeks
surgMaskSupplyDays	15b	On hand supply (DURATION in days) surgical and procedure masks	Optional [§]	character	0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS	Optional for all reporting weeks
shieldSupplyDays	15c	On hand supply (DURATION in days) eye protection including face shields and goggles	Optional [§]	character	0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS	Optional for all reporting weeks
gownSupplyDays	15d	On hand supply (DURATION in days) single use gowns	Optional [§]	character	0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS	Optional for all reporting weeks
gloveSupplyDays	15e	On hand supply (DURATION in days) exam gloves (sterile and non-sterile)	Optional [§]	character	0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS	Optional for all reporting weeks
N95Mask3DaySupply	16a	Are you able to MAINTAIN at least a 3-day supply of	Optional [§]	character	Y N N/A	Optional for all reporting weeks

Template Data Element Column Name	ID	Column Description	Status	Format	Valid Values	Business Rules
		these items (y/n/N/A)? N95 respirators				
surgMask3DaySupply	16b	Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Surgical and procedure masks	Optional [§]	character	Y N N/A	Optional for all reporting weeks
shield3DaySupply	16c	Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Eye protection including face shields and goggles	Optional [§]	character	Y N N/A	Optional for all reporting weeks
gown3DaySupply	16d	Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Single use gowns	Optional [§]	character	Y N N/A	Optional for all reporting weeks
glove3DaySupply	16e	Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Exam gloves	Optional [§]	character	Y N N/A	Optional for all reporting weeks

*These required fields include those that are only required to be reported for Wednesday of a given reporting week.

+These required fields can also be fulfilled by data reported to the NHSN Connectivity Initiative: Hospital Bed Capacity Project by actively participating facilities (<https://www.cdc.gov/nhsn/bed-capacity/index.html>). Data for these fields will auto-populate into the NHSN application (when available) for fulfillment of the HRD requirements.

[§]Supply fields are designated as optional for reporting to NHSN; if your facility is opting to report this information to NHSN, it is recommended that Wednesday is selected as the reporting for date, to maintain consistency with previously required supply data and current set of Wednesday-only required fields in the HRD reporting.

Hospital Respiratory Data – Weekly Import File Specifications Change Log

The change log details changes in the weekly import file specifications to aid partners in tracking updates.

Changes from previous version (Version 2, dated October 31, 2024)

- **Business Rules**
 - Business rules were updated for the following data elements:
 - numInPtBeds
 - numInPtBedsAdult
 - numInPtBedsPed
 - numICUBeds
 - numICUBedsAdult
 - numICUBedsPed

Changes from earlier version (Version 1, dated September 27, 2024)

- **Valid Values**
 - Valid value ranges were updated for the following data elements:
 - numInPtBeds
 - numInPtBedsAdult
 - numInPtBedsPed
 - numInPtBedsOcc
 - numInPtBedsOccAdult
 - numInPtBedsOccPed
 - N95MaskSupplyDays
 - surgMaskSupplyDays
 - shieldSupplyDays
 - gownSupplyDays
 - gloveSupplyDays