

**20.5 Reduce by at least 10 percent the incidence of surgical wound infections and nosocomial infections in intensive care patients.**

Device-Associated Nosocomial Infection Rates in ICU patients (per 1,000 device-days)	Baseline Year	Baseline	1992	1993	1994	1995	1996	1997	1998	1999 <sup>a</sup>	2000 Target
<b>Bloodstream Infectious</b>											
Medical/Coronary ICUs	1986-90	6.9	6.5	5.9	5.4	5.7	5.7	5.9	5.8	5.0	6.2
Surgical/Medical-Surgical ICUs	1986-90	5.3	5.8	4.9	4.6	4.3	4.9	5.4	5.7	5.0	4.8
Pediatric ICUs	1986-90	11.4	7.9	8.3	8.0	7.8	7.5	7.8	7.8	6.4	10.3
<b>Urinary Tract Infections</b>											
Medical/Coronary ICUs	1986-90	10.7	10.1	8.5	7.9	7.3	6.9	6.7	6.4	5.7	9.6
Surgical/Medical-Surgical ICUs	1986-90	7.6	6.3	5.9	5.8	4.9	5.1	4.9	5.2	5.4	6.8
Pediatric ICUs	1986-90	5.8	5.4	5.1	5.2	5.9	4.9	4.9	5.3	4.1	5.2
<b>Pneumonia</b>											
Medical/Coronary ICUs	1986-90	12.8	9.0	9.5	8.6	10.1	9.2	7.5	6.4	6.6	11.5
Surgical/Medical-Surgical ICUs	1986-90	17.6	15.1	14.1	13.6	12.9	12.7	13.7	13.4	12.7	15.8
Pediatric ICUs	1986-90	4.7	6.7	5.8	5.7	5.5	5.3	5.5	5.3	3.9	4.2
<b>Surgical Wound Infection Rates (per 100 operations)</b>											
Low risk patients	1986-90	1.1	1.2	1.2	1.1	1.2	1.0	1.6	1.7	1.4	1.0
Medium-low risk patients	1986-90	3.2	3.2	3.2	3.1	3.4	3.2	2.7	2.7	2.3	2.9
Medium-high risk patients	1986-90	6.3	6.4	5.8	6.1	5.9	5.8	4.6	4.1	3.9	5.7
High risk patients	1986-90	14.4	12.1	11.0	11.0	10.1	10.3	6.4	7.3	5.7	13.0

<sup>a</sup> Pooled Mean Nosocomial Infection (NI) Rates (January 1997 - June 1999).

Data Sources: National Nosocomial Infection Surveillance System, CDC, NCID, Hospital Infections Program.

**20.6 Reduce selected illness among international travelers as follows:**

Number of cases among international travelers	Baseline Year	Baseline	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	2000 Target
Typhoid fever	1987	280	305	322	386	351	299	308	309	258	352	279	306	140
Hepatitis A	1987	4,475	4,960	4,406	3,962	3,814	3,814	4,581	6,602	7,815	6,331	6,575	6,411	1,119
Malaria	1987	932	1,023	1,102	1,098	1,046	910	1,275	1,014	1,167	1,392	1,544	---	750

**Data Sources:** Typhoid Surveillance System, CDC, NCID.  
 Sentinel Counties Surveillance of Acute Viral Hepatitis, Viral Hepatitis Surveillance Program, CDC, NCID; National Notifiable Disease Surveillance System, CDC, EPO.  
 Malaria Surveillance System, CDC, NCID.

**Health Status Objective: Bacterial meningitis**

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**PHS Agency Assignment: National Immunization Program; National Center for Infectious Diseases**

**20.7 Reduce bacterial meningitis to no more than 4.7 cases per 100,000 people.**

Bacterial Meningitis Cases (per 100,000)	Baseline Year	Baseline	1989	1990	1991	1995	1996	1997	1998	2000 Target
Total (U.S. estimate)	1986	6.5	---	---	---	1.9	2.3	2.1	1.9	4.7
H. influenzae	1986	2.9	2.0	1.4	0.7	0.2	---	0.1	0.1	...
S. pneumoniae	1986	1.1	---	---	---	0.9	---	1.1	1.0	...
N. meningitidis	1986	0.9	0.8	0.6	0.7	0.5	---	0.6	0.5	...
S. agalactiae (Group b streptococcus)	1986	0.4	0.5	0.5	0.5	0.3	---	0.2	0.2	...
L. monocytogenes	1986	0.2	0.3	0.3	0.3	0.1	---	0.1	0.1	...
Other	1986	1.0	---	---	---	---	---	---	---	...
<b>Special Population Target</b>										
20.7a Alaska Native	1987	33	---	---	17	---	1	---	---	8

**Data Source:** Bacterial Meningitis Surveillance System, CDC, NCID. For Alaska Natives: Arctic Investigations Laboratory, CDC, NCID.

**PHS Agency Assignment: National Immunization Program; National Center for Infectious Diseases**

**20.8 Reduce infectious diarrhea by at least 25 percent among children in licensed child care centers and children in programs that provide an Individualized Education Program (IEP) or Individualized Health Plan (IHP).**

Infectious diarrhea in past 12 months	Baseline Year	Baseline	2000 Target
Children receiving child care			
0-5 years old	1991	32%	24%
0-3 years old	1991	38%	28%

Data Source: National Health Interview Survey, CDC, NCHS.

**PHS Agency Assignment: National Immunization Program; National Center for Infectious Diseases**

**20.9 Reduce acute middle ear infections among children aged 4 and younger, as measured by days of restricted activity or school absenteeism, to no more than, 105 days per 100 children.**

Restricted Activity Days (per 100 children)	Baseline Year	Baseline	1988	1989	1990	1991	1992	1993	1994	1995	1996	2000 Target
Children 4 years and under	1987	135.4	130.8	138.8	125.0	155.7	155.2	196.3	137.0	134.4	103.4	105

*Note: 1996 data will be the last data point from NHIS for this objective.*

Data Source: National Health Interview Survey, CDC, NCHS.