

CHAPTER 6

INDICATORS FOR ASSESSING HEALTH STATUS AND MONITORING PROGRESS TOWARD ARIZONA AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES:

STATEWIDE TRENDS AND 2015 COUNTY PROFILES

6A. STATEWIDE TRENDS

6B. 2015 COUNTY PROFILES

6A

STATEWIDE TRENDS

**TABLE 6A
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES: STATEWIDE TRENDS**

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	Baseline for the U.S./AZ	ARIZONA RATES, RATIOS OR CASES BY YEAR:										U.S./AZ 2020 TARGET
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
6A-1. MATERNAL, INFANT, AND CHILD HEALTH												
Reduce fetal deaths at 20 or more weeks of gestation (HP-MICH-1.1)	6.2	5.5	5.5	6.4	6.0	6.0						5.6
Reduce fetal and infant deaths during perinatal period (HP-MICH-1.2)	6.6	5.4	5.7	5.7	6.3	6.1						5.9
Reduce infant deaths (HP-MICH-1.3)	6.7	5.9	5.8	5.3	6.2	5.6						6.0
Reduce neonatal deaths (HP-MICH-1.4)	4.5	3.9	3.9	3.4	4.1	3.5						4.1
Reduce postneonatal deaths (HP-MICH-1.5)	2.2	2.0	1.9	1.9	2.1	2.1						2.0
Reduce infant deaths due to birth defects (HP-MICH-1.6)	1.4	1.3	1.4	1.2	1.4	1.4						1.3
Reduce deaths from sudden infant death syndrome (SIDS) (HP-MICH-1.8)	0.55	0.3	0.2	0.2	0.2	0.2						0.50
Reduce the rate of death among children aged 1 to 4 years (HP-MICH-3.1)	28.6	28.6	33.1	37.3	27.4	29.4						25.7
Reduce the rate of death among children aged 5 to 9 years (HP-MICH-3.2)	13.7	10.7	12.8	10.1	12.5	10.1						12.3
Reduce the rate of death among children aged 10 to 14 years (HP-MICH-4.1)	16.9	15.3	15.4	16.1	15.9	10.2						15.2
Reduce the rate of death among adolescents aged 15 to 19 years (HP-MICH-4.2)	61.9	49.7	47.1	45.5	46.5	47.5						55.7
Reduce the rate of death among young adults aged 20 to 24 years (HP-MICH-4.3)	98.3	98.7	93.9	96.2	86.9	93.2						88.5
Reduce maternal deaths (HP-MICH-5)	12.7	**	21.0	10.6	10.4	9.4						11.4
Increase the proportion of pregnant women who receive prenatal care in the first trimester (HP-MICH-10.1)	70.8%	81.7%	82.6%	81.3%	66.0%	67.9%						77.9%
Reduce low birth weight (LBW) (HP-MICH-8.1)	8.2%	7.0%	6.9%	6.9%	7.0%	7.2%						7.8%
Reduce very low birth weight (VLBW) (HP-MICH-8.2)	1.5%	1.2%	1.2%	1.1%	1.2%	1.1%						1.4%
Reduce preterm births (HP-MICH-9.1)	12.7%	9.3%	9.2%	9.0%	9.0%	9.0%						11.4%
Increase abstinence from cigarette smoking among pregnant women (HP-MICH-11.3)	89.6%	95.7%	95.8%	95.6%	95.4%	94.2%						98.6%

Notes: Fetal and perinatal death rates were revised in order to include only spontaneous fetal losses and exclude induced terminations of pregnancy. The fetal death rate is per 1,000 live births plus spontaneous fetal losses of 20 or more weeks of gestation. The perinatal death rate is per 1,000 live births plus spontaneous fetal losses of 28 or more weeks of gestation (Perinatal period = 28 weeks of gestation to 7 days after birth). Infant, neonatal, and postneonatal deaths are per 1,000 live births. Infant deaths due to birth defects, congenital birth defects, and SIDS are per 1,000 live births. All age-specific mortality rates are per 100,000 persons. The maternal mortality ratio is per 100,000 live births. All other proportions and ratios are per 100 live births. Preterm births = births prior to 37 completed weeks of gestation.

** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; these rates are based on fewer than 10 cases and are not statistically reliable.

TABLE 6A (continued)
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES: STATEWIDE TRENDS

Focus areas and selected objectives: (in parentheses are Healthy People 2020 objective numbers)	Baseline for the U.S./AZ	ARIZONA RATES, RATIOS OR CASES BY YEAR:										U.S./AZ 2020 TARGET	
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
6A-2. RESPONSIBLE SEXUAL BEHAVIOR													
Reduce pregnancies among adolescent females aged 15 to 17 years ^a (HP-FP-8.1)	40.2	22.1	21.8	18.0	16.1	14.1							36.2
Reduce proportion of chlamydia infections among females aged 15 to 24 years attending family planning clinics ^b (HP-STD-1.1)	7.4/ [*] 8.4	5.1	7.1	9.0	8.4	7.4							6.7/ [*] 7.6
Reduce chlamydia rates among females aged 15 to 44 years ^b (STD-2)	NA/ [*] 1642.4	1628.5	1688.4	1683.0	1662.8	1657.5							NA/ [*] 1478.2
Reduce gonorrhea rates among females aged 15 to 44 years ^b (HP-STD-6.1)	285/ [*] 168	166.8	214.7	233.8	256.0	254.9							257/ [*] 151
Reduce gonorrhea rates among males aged 15 to 44 years ^b (HP-STD-6.2)	220/ [*] 163	161.4	205.0	219.3	267.7	310.4							198/ [*] 147
Reduce sustained transmission of primary and secondary syphilis among females ^b (HP-STD-7.1)	1.5/ [*] 0.5	0.4	0.5	0.8	1.4	1.4							1.4/ [*] 0.45
Reduce sustained transmission of primary and secondary syphilis among males ^b (HP-STD-7.2)	7.6/ [*] 8.1	8.0	5.8	8.0	15.6	16.0							6.8/ [*] 7.3
Reduce congenital syphilis ^b (HP-STD-8)	10.1/ [*] 16.1	17.2	16.3	15.3	13.8	16.5							9.1/ [*] 14.5
6A-3. VACCINE PREVENTABLE DISEASES^c													
Reduce or eliminate congenital rubella syndrome (HP-IID-1.1)	0	0	0	0	0	0							0
Reduce <i>Haemophilus influenzae type b</i> among children under age 5 years (HP-IID-1.2)	0.3	**	**	**	0	**							0.27
Reduce or eliminate measles (HP-IID-1.4)	115	**	**	**	**	0.1							30
Reduce or eliminate mumps (HP-IID-1.5)	421	0	**	**	12	**							500
Reduce or eliminate rubella (HP-IID-1.9)	10	0	0	0	0	0							10
Reduce the rate of hepatitis A (HP-IID-23)	1.0	1.2	1.4	1.1	0.5	1.1							0.3
Reduce the rate of meningococcal disease (HP-IID-3)	0.34	0.2	0.1	0.2	0.1	0.1							0.3
Reduce the rate of tuberculosis (HP-IID-29)	4.9	4.0	2.9	2.8	2.9	2.9							1.0

Notes: ^{*} Indicates objectives, baseline and targets for Arizona which were identified by the Office of Sexually Transmitted Diseases; ^a The pregnancy rate is the number of pregnancies per 1,000 females aged 15 to 17 years; ^b The rates of chlamydia, gonorrhea, and syphilis are per 100,000 persons. The rate of congenital syphilis is per 100,000 live births. Source: The numerators are by report date. The denominators are by the date of birth. Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services; ^c The rates of hepatitis A, meningococcal disease, and tuberculosis are per 100,000 persons. Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services; ^d There is no comparable U.S. baseline or target rate for Healthy People 2020 objective STD-2 which is focused on reducing chlamydia infections among "women 15-44 years who attended family planning clinics in the past 12 months".

TABLE 6A (continued)
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES: STATEWIDE TRENDS

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	Baseline for the U.S./AZ	ARIZONA RATES, RATIOS OR CASES BY YEAR:										U.S./AZ 2020 TARGET
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
6A-4. INJURY AND VIOLENCE												
Reduce firearm-related deaths (HP-IVP-30)	10.2	14.7	13.8	14.1	12.6	13.7						9.2
Reduce deaths caused by poisonings (HP-IVP-9.1)	13.1	17.6	16.9	19.1	19.2	20.4						13.1
Reduce deaths caused by suffocation (HP-IVP-24.1)	1.9	5.3	5.1	5.7	5.2	6.1						1.7
Reduce deaths caused by unintentional injuries (HP-IVP-11)	40.0	45.5	42.4	46.3	43.3	48.1						36.0
Reduce deaths caused by motor vehicle crashes (HP-IVP-13.1)	13.8	12.1	11.4	11.4	10.3	12.6						12.4
Reduce residential fire deaths (HP-IVP-28)	0.95	0.4	0.6	1	0.4	0.3						0.86
Reduce deaths from falls (HP-IVP-23.2)	45.3	11.6	11.2	12.1	11.7	12.8						45.3
Reduce drownings (HP-IVP-25)	1.2	1.3	1.3	1.1	1.2	1.2						1.1
Reduce homicides (HP-IVP-29)	6.1	6.1	5.9	5.9	4.6	5.6						5.5
Reduce the suicide rate (HP-MHMD-1)	11.3	17.2	16.2	17	16.5	17.8						10.2
Reduce the suicide rate among adolescents aged 15 to 19 years (HP-MHMD-2)	1.9	10.8	10.3	6.8	10.8	13.8						1.7
6A-5. CANCER												
Reduce the overall cancer death rate (HP-C-1)	178.4	151.3	149.8	149.6	136.3	144.0						160.6
Reduce the lung cancer death rate (HP-C-2)	50.6	37.8	37.7	36.4	32.2	35.1						45.5
Reduce the breast cancer death rate (HP-C-3)	22.9	19.7	19.2	20.7	17.9	19.2						20.6
Reduce the death rate from cancer of the uterine cervix (HP-C-4)	2.4	2.1	2.0	2.4	2.0	2.3						2.2
Reduce the colorectal cancer death rate (HP-C-5)	17.0	13.4	13.1	13.6	12.4	12.9						14.5
Reduce the oropharyngeal cancer death rate (HP-C-6)	2.5	2.1	2.2	2.3	2.1	2.4						2.3
Reduce the prostate cancer death rate (HP-C-7)	23.5	19.8	18.9	18.2	17.0	17.6						21.2
Reduce the rate of melanoma cancer deaths (HP-C-8)	2.7	2.7	3.0	3.0	2.8	2.7						2.4

Notes: Firearm-related deaths, deaths caused by poisonings, and deaths caused by suffocation include accidents, homicides, and suicides. Residential fire deaths, deaths from falls, and drowning deaths include only accidents. All mortality rates are per 100,000 persons. All mortality rates that are not age-specific are age-adjusted to the 2000 U.S. standard.

TABLE 6A (continued)
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES: STATEWIDE TRENDS

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	Baseline for the U.S./AZ	ARIZONA RATES, RATIOS OR CASES BY YEAR:										U.S./AZ 2020 TARGET
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
6A-6. DIABETES												
Reduce the diabetes-related death rate (HP-D-3) ^a	73.1	59.1	57.4	60.7	57.6	63.5						65.8
6A-7. HEART DISEASE AND STROKE												
Reduce coronary heart disease deaths (HP-HDS-2)	126.0	120.3	112.7	110.0	99.3	104.6						100.8
Reduce stroke deaths (HP-HDS-3)	42.2	30.6	29.9	28.2	26.2	31.1						33.8
6A-8. RESPIRATORY DISEASES												
Reduce asthma deaths among children and adults <35 years (HP-RD-1)	3.4	3.2	2.2	5.7	5.3	2.2						NA
Reduce asthma deaths among adults aged 35 to 64 years (HP-RD-1.2)	11.0	11.6	12.0	14.0	12.2	13.3						6.0
Reduce asthma deaths among adults aged 65 years and older (HP-RD-1.3)	43.3	54.1	41.5	41.8	34.1	32.5						22.9
Reduce deaths from chronic lower respiratory disease among adults aged 45 year and older (HP-RD-10)	112.4	126.2	124.5	126.6	119.1	123.2						98.5
6A-9. HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE												
Reduce the number of new AIDS cases per 100,000 population ^c (HP-HIV-4)	14.4	8.8	9.8	10.9	11.4	10.9						13.0
Reduce deaths from HIV disease (HP-HIV-12)	3.7	1.6	1.5	1.4	1.6	1.6						3.3
6A-10. SUBSTANCE ABUSE												
Reduce cirrhosis deaths (HP-SA-11)	9.1	13.4	13.6	14.5	13.2	14.9						8.2
Reduce drug-induced deaths (HP-SA-12)	12.6	16.8	16.3	16.9	18.4	19.8						11.3

Notes: ^a Objectives IVP-24-1, IVP-28, and D-3 of *Healthy People 2020* use as the numerator the number of deaths reported as the underlying or multiple cause of death. Mortality rates for asthma are per 1,000,000 population. All other mortality rates are per 100,000 persons. Mortality rates for diabetes, coronary heart disease, stroke chronic lower respiratory disease, HIV disease, cirrhosis and drug-induced deaths are age-adjusted to the 2000 U.S. standard.

^c The rates for prior years are revised annually and reflect reported new HIV/AIDS cases by year of diagnosis. **Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control, Office of HIV/AIDS Services.**

6B

201) COUNTY PROFILES

**TABLE 6B
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED NATIONAL YEAR 2020 OBJECTIVES: 2015 COUNTY PROFILES**

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	U.S./AZ 2020 TARGET	RATES, RATIOS OR CASES IN 2015															
		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
6B-1. MATERNAL, INFANT AND CHILD HEALTH																	
Reduce fetal deaths at 20 or more weeks of gestation (HP-MICH-1.1)	5.6	6.1	**	7.6	5.7	**	**	0.0	0.0	6.0	5.9	4.6	6.2	6.2	**	6.9	8.9
Reduce fetal and infant deaths during perinatal period (HP-MICH-1.2)	5.9	6.0	9.4	8.3	5.7	**	0.0	0.0	5.7	6.5	6.5	3.9	5.5	**	**	8.0	10.6
Reduce infant deaths (HP-MICH-1.3)	6.0	5.6	10.5	7.7	6.3	**	**	10.1	5.3	8.7	8.7	8.6	4.2	**	4.8	6.9	**
Reduce neonatal deaths (HP-MICH-1.4)	4.1	3.5	6.3	6.4	**	**	0.0	0.0	3.3	3.8	4.0	4.0	2.7	**	4.8	6.0	6.0
Reduce postneonatal deaths (HP-MICH-1.5)	2.0	2.1	**	**	**	**	0.0	**	2.1	4.9	4.6	1.5	2.5	0.0	**	**	**
Increase the proportion of pregnant women who receive prenatal care in the first trimester (HP-MICH-10.1)	77.9%	67.9	66.2	59.2	73.9	53.8	60.5	66.2	35.7	68.6	62.0	65.3	67.0	72.2	57.6	73.5	62.5
Reduce low birth weight (LBW) (HP-MICH-8.1)	7.8%	7.2	5.6	8.5	9.1	11.4	7.2	5.2	6.0	7.1	7.6	8.4	6.9	7.2	6.6	6.7	6.4
Reduce very low birth weight (VLBW) (HP-MICH-8.2)	1.4%	1.1	**	1.5	1.3	2.1	1.6	**	**	1.2	1.2	1.3	1.0	1.2	1.4	0.8	1.2
Reduce preterm births (HP-MICH-9.1)	11.4%	9.0	6.3	9.3	8.8	12.8	10.0	6.5	7.5	9.2	9.1	9.9	8.5	9.0	7.9	8.5	8.6
Increase abstinence from cigarette smoking among pregnant women (HP-MICH-11.3)	98.6%	94.2	1.0	1.7	1.8	0.6	0.6	0.2	0.2	61.4	1.7	1.6	12.7	4.8	0.7	1.9	3.4
6B-2. RESPONSIBLE SEXUAL BEHAVIOR																	
Reduce pregnancies among adolescent females aged 15 to 17 years ^a (HP-FP-8.1)	36.2	14.1	18.1	16.2	15.5	24.4	19.6	**	26.7	13.5	10.2	23.7	13.2	12.6	13.9	13.0	15.0
Reduce gonorrhea rates among females aged 15-44 years ^b (HP-STD-6.1)	257/151	266.8	190.2	222.4	198.9	137.0	101.3	0.0	248.0	303.0	203.9	424.2	176.6	226.9	139.8	56.6	341.0
Reduce the incidence of primary and secondary syphilis ^b (HP-STD-7.1)	1.4	8.6	**	**	4.3	**	0.0	0.0	0.0	10.7	**	**	11.0	1.7	**	**	**

Notes: * Indicates objectives, baseline and targets for Arizona which were identified by the **Office of Sexually Transmitted Diseases**.

Fetal and perinatal death rates were revised in order to include only spontaneous fetal losses and exclude induced terminations of pregnancy. The fetal death rate is per 1,000 live births plus spontaneous fetal losses of 20 or more weeks of gestation. The perinatal death rate is per 1,000 live births plus spontaneous fetal losses of 28 or more weeks of gestation (Perinatal period= 28 weeks of gestation to 7 days after birth). Infant, neonatal, and postneonatal deaths are per 1,000 live births. Source: **Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Service**.

All other proportions and ratios are per 100 live births. Preterm births = births prior to 37 completed weeks of gestation;^a The pregnancy rates are per 1,000 females 15-17 years old; b The incidence rates of gonorrhea and primary and secondary syphilis are per 100,000 population.

The rates based on fewer than 10 cases are not statistically reliable. See Tables 5A-1, 5B-16, 5C-1, 5C-3, 5E-16, 5E-21, 5E-23, 5F-1 for the numerators.

** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6;

TABLE 6B (continued)
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED NATIONAL YEAR 2020 OBJECTIVES: 2015 COUNTY PROFILES

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	U.S./AZ 2020 TARGET	RATES, RATIOS OR CASES IN 2015															
		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
6B-3. VACCINE PREVENTABLE DISEASES																	
Reduce the rate of hepatitis A (HP-IID-23)	0.3	1.1	**	21.7	**	**	**	**	**	0.3	**	**	1.1	**	**	**	**
Reduce the rate of meningococcal disease (HP-IID-3)	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**	0.0	**	**
Reduce the rate of tuberculosis (HP-IID-29)	1.0	2.9	**	**	**	0.0	0.0	0.0	0.0	2.3	**	0.0	3.6	7.9	**	**	8.8
6B-4. INJURY AND VIOLENCE																	
Reduce firearm-related deaths (HP-IVP-30)	9.2	13.7	15.5	12.1	16.8	11.9	14.7	0.0	23.2	12.7	22.0	17.7	13.6	13.1	**	19.8	10.2
Reduce deaths caused by unintentional injuries (HP-IVP-11)	36.0	48.1	157.2	49.4	62.8	89.4	36.7	62.4	75.2	42.9	62.9	95.5	50.2	47.7	36.5	55.1	28.9
Reduce deaths caused by motor vehicle crashes (HP-IVP-13.1)	12.4	12.6	58.5	9.8	22.9	45.5	**	0.0	**	10.9	14.7	38.9	9.6	16.1	12.1	13.0	6.8
Reduce deaths from falls (HP-IVP-23.2)	45.3	12.8	10.1	13.0	14.8	13.2	**	0.0	**	13.0	8.1	13.4	13.9	13.8	**	18.3	6.3
Reduce homicides (HP-IVP-29)	5.5	5.6	24.0	**	**	**	**	0.0	**	5.6	5.2	11.2	4.8	4.2	**	5.7	**
Reduce the suicide rate (HP-MHMD-1)	10.2	17.8	24.7	17.8	23.4	28.9	15.7	0.0	26.1	15.8	30.3	28.2	18.3	16.3	**	32.8	14.7
Reduce the suicide rate among adolescents aged 15 to 19 years (HP-MHMD-2)	1.7	13.8	**	**	**	**	0.0	0.0	0.0	11.5	**	**	11.7	32.0	0.0	0.0	**
6B-5. CANCER																	
Reduce the overall cancer death rate (HP-C-1)	160.6	144.0	109.1	155.7	121.7	192.2	135.0	190.5	111.7	144.3	181.4	132.4	143.5	132.7	101.7	154.4	111.0
Reduce the lung cancer death rate (HP-C-2)	45.5	35.1	16.5	40.7	16.0	44.5	33.1	57.8	45.2	34.3	57.2	28.3	34.9	32.5	19.6	37.0	33.0
Reduce the breast cancer death rate (HP-C-3)	20.6	10.3	**	7.4	5.8	16.0	**	0.0	16.3	10.6	15.2	10.9	10.8	8.0	**	8.4	7.6
Reduce the colorectal cancer death rate (HP-C-5)	14.5	12.9	12.0	14.5	10.0	22.6	**	**	**	12.9	18.7	18.8	11.9	11.4	**	16.4	7.0
Reduce the prostate cancer death rate (HP-C-7)	21.2	7.8	**	7.7	13.3	11.8	**	**	**	7.4	9.2	9.9	8.5	5.4	**	9.4	5.6

Notes: The rates of hepatitis A, meningococcal disease, and tuberculosis are per 100,000 persons. Source: **Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services**. Except the age-specific mortality rates for suicide, all mortality rates are adjusted to the 2000 standard population and expressed per 100,000 population.

**TABLE 6B (continued)
MONITORING PROGRESS TOWARD ARIZONA AND SELECTED NATIONAL YEAR 2020 OBJECTIVES: 2015 COUNTY PROFILES**

Focus areas and selected objectives: (in parentheses are <i>Healthy People 2020</i> objective numbers)	U.S./AZ 2020 TARGET	RATES, RATIOS OR CASES IN 2015															
		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
6B-6. DIABETES																	
Reduce the diabetes-related death rate (HP-D-3)	65.8	63.5	114.5	60.3	58.5	94.7	101.8	86.6	47.0	60.8	59.6	90.3	64.9	61.1	66.7	63.1	74.4
6B-7. HEART DISEASE AND STROKE																	
Reduce coronary heart disease deaths (HP-HDS-2)	100.8	104.6	91.4	112.8	87.5	132.2	66.2	92.1	169.2	99.8	187.8	93.8	102.6	102.8	113.3	100.4	82.3
Reduce stroke deaths (HP-HDS-3)	33.8	31.1	28.4	37.7	28.8	39.3	45.7	**	17.9	30.7	31.5	29.7	32.1	29.2	25.9	33.8	27.0
6B-8. RESPIRATORY DISEASES																	
Reduce deaths from chronic lower respiratory disease among adults aged 45 years and older (HP-RD-10)	98.5	123.2	78.5	128.2	109.6	158.2	114.5	**	78.7	124.8	158.4	98.1	117.7	109.4	45.7	151.9	100.5
6B-9. HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE																	
Reduce the number of new HIV/AIDS cases per 100,000 population (HP-HIV-4)	13.0	10.9	13.8	7.0	**	**	0.0	**	0.0	13.2	2.9	6.4	10.5	7.9	**	4.1	4.2
Reduce deaths from HIV disease (HP-HIV-12)	3.3	1.6	**	**	**	**	**	0.0	0.0	1.6	**	**	1.5	**	0.0	**	**
6B-10. SUBSTANCE ABUSE																	
Reduce cirrhosis deaths (HP-SA-11)	8.2	14.9	40.2	15.7	21.2	47.8	**	**	27.7	12.0	21.0	48.2	15.8	16.2	11.1	20.0	11.5
Reduce drug-induced deaths (HP-SA-12)	11.3	19.8	**	27.8	16.3	34.8	20.4	62.8	41.3	17.6	30.9	16.1	25.8	14.8	11.8	26.3	13.2

Notes: Objective D-3 of *Healthy People 2020* uses as the numerator the number of deaths due to diabetes reported as the underlying or multiple cause of death. The multiple cause of death data are not available for all of the out-of-State deaths of Arizona residents, therefore the diabetes-related deaths are understated. All mortality rates are age-adjusted to the 2000 U.S. standard and expressed per 100,000 population. The age-adjustment standard for chronic lower respiratory disease uses the weights for three age groups among persons 45 years or older (45-49 years, 50-64 years, and 65+ years). The incidence rates of reported new HIV/AIDS cases are based on numerators provided by the **Office of HIV/AIDS Services, Bureau of Epidemiology and Disease Control** (see Table 5F-3).

The rates for new HIV/AIDS cases were calculated using the population table 10a1.