

Priority Area 14

Maternal and Infant Health

Health Status Objective: Infant mortality

PHS Agency Assignment: Health Resources and Services Administration

14.1 Reduce the infant mortality rate to no more than 7 per 1,000 live births.

| Infant Mortality (per 1,000 live births) | Baseline | | | | | | | | | | | | 2000 |
|---|----------|----------|----------|----------|---------|---------|------|------|------|------|------|----------|--------|
| | Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | •ua•1997 | Target |
| Total population | 1987 | 10.1 | 10.0 | 9.8 | 9.2 | 8.9 | 8.5 | 8.4 | 8.0 | 7.6 | 7.3 | 7.1 | 7 |
| Special Population Targets | | | | | | | | | | | | | |
| 14.1a Blacks | 1987 | 18.8 | 18.5 | 18.6 | 18.0 | 17.6 | 16.8 | 16.5 | 15.8 | 15.1 | 14.7 | 13.7 | 11 |
| 14.1b American Indians/Alaska Natives | 1984 | 13.4 | 12.7 | 13.4 | 13.1 | 11.3 | --- | --- | --- | 9.0 | 10.0 | --- | 8.5 |
| 14.1c Puerto Ricans | 1984 | 12.9•ub• | 11.6•uc• | 11.7•ud• | 9.9•ue• | 9.7•uf• | --- | --- | --- | 8.9 | 8.6 | --- | 8 |

- ua•Preliminary data.
- ub•Includes data for 23 States and D.C.
- uc•Includes data for 30 States and D.C.
- ud•Includes data for 47 States and D.C.
- ue•Includes data for 48 States and D.C.
- uf•Includes data for 49 States and D.C.

Note: Infant mortality is deaths of infants under 1 year.

Data Source: National Vital Statistics System, CDC, NCHS.

Health Status Objective: Infant mortality (cont'd)

PHS Agency Assignment: Health Resources and Services Administration

| <u>Neonatal and Postneonatal Mortality (per 1,000 live births)</u> | <u>Baseline</u> | | | | | | | | | | | | <u>2000 Target</u> |
|--|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|------------------------|
| | <u>Year</u> | <u>Baseline</u> | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>•ua•1997</u> | |
| 14.1d Neonatal mortality | 1987 | 6.5 | 6.3 | 6.2 | 5.7 | 5.6 | 5.4 | 5.3 | 5.1 | 4.9 | 4.8 | 4.7 | 4.5 |
| 14.1e Neonatal mortality among blacks | 1987 | 12.3 | 12.1 | 11.9 | 11.6 | 11.2 | 10.8 | 10.7 | 10.2 | 9.8 | 9.6 | 9.0 | 7 |
| 14.1f Neonatal mortality among Puerto Ricans | 1984 | 8.6•ub• | 7.3•uc• | 8.2•ud• | 6.9•ue• | 6.1•uf• | --- | --- | --- | 6.1 | 5.6 | --- | 5.2 |
| 14.1g Postneonatal mortality | 1987 | 3.6 | 3.6 | 3.6 | 3.4 | 3.4 | 3.1 | 3.1 | 2.9 | 2.7 | 2.5 | 2.4 | 2.5 |
| 14.1h Postneonatal mortality among blacks | 1987 | 6.4 | 6.5 | 6.7 | 6.4 | 6.3 | 6.0 | 5.8 | 5.6 | 5.3 | 5.1 | 4.7 | 4 |
| 14.1i Postneonatal mortality among American Indians/Alaska Natives | 1984 | 7.0 | 7.4 | 7.2 | 7.0 | 5.8 | --- | --- | --- | 5.1 | 5.3 | --- | 4 |
| 14.1j Postneonatal mortality among Puerto Ricans | 1984 | 4.3•ub• | 4.2•uc• | 3.6•ud• | 3.0•ue• | 3.5•uf• | --- | --- | --- | 2.8 | 3.0 | --- | 2.8 |

•ua•Preliminary data.
 •ub•Includes data for 23 States and D.C.
 •uc•Includes data for 30 States and D.C.
 •ud•Includes data for 47 States and D.C.
 •ue•Includes data for 48 States and D.C.
 •uf•Includes data for 49 States and D.C.

Note: Neonatal mortality is deaths of infants under 28 days; postneonatal mortality is deaths of infants 28 days up to 1 year.

Data Source: National Vital Statistics System, CDC, NCHS.

Health Status Objective: Fetal deaths

PHS Agency Assignment: Health Resources and Services Administration

14.2 Reduce the fetal death rate (20 or more weeks of gestation) to no more than 5 per 1,000 live births plus fetal deaths.

| <u>Fetal deaths</u> (per 1,000 live births plus fetal deaths) | Baseline Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 2000 Target |
|--|------------------|----------|------|------|------|------|------|------|------|------|------|----------------|
| Total population | 1987 | 7.6 | 7.5 | 7.5 | 7.5 | 7.3 | 7.4 | 7.1 | 7.0 | 7.0 | 6.9 | 5 |
| Special Population Targets | | | | | | | | | | | | |
| 14.2a Blacks | 1987 | 13.1 | 13.0 | 13.1 | 13.3 | 12.8 | 13.3 | 12.8 | 12.5 | 12.7 | 12.5 | 7.5 |

Data Source: National Vital Statistics System, CDC, NCHS.

Health Status Objective: Maternal mortality

PHS Agency Assignment: Health Resources and Services Administration

14.3 Reduce the maternal mortality rate to no more than 3.3 per 100,000 live births.

| <u>Maternal Mortality</u> <u>(per 100,000 live births)</u> | Baseline Year | <u>Baseline</u> | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>•ua•1997</u> | 2000 Target |
|---|------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|----------------|
| Total population | 1987 | 6.6 | 8.4 | 7.9 | 8.2 | 7.9 | 7.8 | 7.5 | 8.3 | 7.1 | 7.6 | 7.5 | 3.3 |
| Special Population Targets | | | | | | | | | | | | | |
| 14.3a Blacks | 1987 | 14.9 | 20.5 | 18.4 | 22.4 | 18.3 | 20.8 | 20.5 | 18.5 | 22.1 | 20.3 | 18.3 | 5 |
| •ua•Preliminary data. | | | | | | | | | | | | | |
| ICD-9 codes: 630-676 | | | | | | | | | | | | | |

Data Source: National Vital Statistics System, CDC, NCHS.

Health Status Objective: Fetal alcohol syndrome

PHS Agency Assignment: Health Resources and Services Administration

14.4 Reduce the incidence of fetal alcohol syndrome to no more than 0.12 per 1,000 live births.

Fetal Alcohol Syndrome
(per 1,000 live births)

| | Baseline Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 2000 Target |
|---------------------------------------|------------------|----------|------|------|------|------|------|------|----------------|
| Total population | 1987 | 0.22 | 0.30 | 0.32 | 0.40 | 0.37 | 0.52 | 0.67 | 0.12 |
| Special Population Targets | | | | | | | | | |
| 14.4a American Indians/Alaska Natives | 1987 | 4.0 | 4.6 | 2.0 | 5.2 | --- | --- | --- | 2.0 |
| 14.4b Blacks | 1987 | 0.8 | 1.1 | 1.4 | 1.4 | 1.9 | 2.3 | 5.4 | 0.4 |

Data Source: Birth Defects Monitoring Program, CDC, NCEH.

Risk Reduction Objective: Low birth weight

PHS Agency Assignment: Health Resources and Services Administration

14.5 Reduce low birth weight to an incidence of no more than 5 percent of live births and very low birthweight to no more than 1 percent of live births.

| Birth Weight | Baseline | | | | | | | | | | | | 2000 |
|--|----------|---------------------|-------|-------|-------|---------------------|---------------------|-------|-------|-------|-------|-------|--------|
| | Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | Target |
| Low birth weight | 1987 | 6.9% | 6.9% | 7.0% | 7.0% | 7.1% | 7.1% | 7.2% | 7.3% | 7.3% | 7.4% | 7.5% | 5% |
| Very low birth weight | 1987 | 1.2% | 1.2% | 1.3% | 1.3% | 1.3% | 1.3% | 1.3% | 1.3% | 1.4% | 1.4% | 1.4% | 1% |
| Special Population Targets | | | | | | | | | | | | | |
| <u>Low Birth Weight</u> | | | | | | | | | | | | | |
| 14.5a Blacks | 1987 | 13.0% | 13.3% | 13.5% | 13.3% | 13.6% | 13.3% | 13.3% | 13.2% | 13.1% | 13.0% | 13.0% | 9% |
| <u>Very Low Birth Weight</u> | | | | | | | | | | | | | |
| 14.5b Blacks | 1987 | 2.8% | 2.9% | 3.0% | 2.9% | 3.0% | 3.0% | 3.0% | 3.0% | 3.0% | 3.0% | 3.0% | 2% |
| <u>Low Birth Weight</u> | | | | | | | | | | | | | |
| 14.5c Puerto Ricans | 1990 | 9.0% ^{•ub} | ... | ... | ... | 9.4% ^{•uc} | 9.2% ^{•uc} | 9.2% | 9.1% | 9.4% | 9.2% | 9.4% | 6% |
| <u>Very Low Birth Weight</u> | | | | | | | | | | | | | |
| 14.5d Puerto Ricans | 1990 | 1.6% ^{•ub} | ... | ... | ... | 1.7% ^{•uc} | 1.7% ^{•uc} | 1.7% | 1.6% | 1.8% | 1.7% | 1.9% | 1% |
| ^{•ub} 48 States and D.C. ^{•uc} 49 States and D.C. Note: Low birth weight is weight at birth of less than 2,500 grams; very low birth weight is weight at birth of less than 1,500 grams. | | | | | | | | | | | | | |

Data Source: National Vital Statistics System, CDC, NCHS.

Risk Reduction Objective: Weight gain during pregnancy

PHS Agency Assignment: Health Resources and Services Administration

14.6 Increase to at least 85 percent the proportion of mothers who achieve the minimum recommended weight gain during their pregnancies.

| <u>Weight gain during pregnancy</u> | Baseline | | | <u>2000 Target</u> |
|---|-------------|-------------------------------|---------------------------|--------------------|
| | <u>Year</u> | <u>Baseline^{•ua}</u> | <u>1988^{•ub}</u> | |
| Proportion of mothers achieving minimum recommended weight gain | 1980 | 68% ^{•ub} | 75% | 85% |

^{•ua}Baseline has been revised.
^{•ub}Data are for married women who had full-term live births and prenatal care.

Note: Recommended weight gain is pregnancy weight gain recommended in the 1990 National Academy of Science's report, Nutrition During Pregnancy.

Data Sources: Baseline: National Natality Survey, CDC, NCHS; Updates: 1988: National Maternal and Infant Health Survey, CDC, NCHS.

Risk Reduction Objective: Severe complications of pregnancy

PHS Agency Assignment: Health Resources and Services Administration

14.7 Reduce severe complications of pregnancy to no more than 15 per 100 deliveries.

| <u>Severe complications of pregnancy (per 100 deliveries)</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>2000 Target</u> |
|---|--------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
| Total population | 1987 | 22 | 21 | 19 | 18 | 18 | 17 | 15 | 15 | 14 | 14 | 15 |
| Special Population Target | | | | | | | | | | | | |
| 14.7a Blacks | 1991 | 28 | ... | ... | ... | ... | 26 | 24 | 25 | 24 | 23 | 16 |
| ICD-9 codes: 630-676, exclude 635 | | | | | | | | | | | | |
| <i>Note: Severe complications of pregnancy are measured using hospitalizations (not involving delivery) due to pregnancy-related complications.</i> | | | | | | | | | | | | |

Data Source: National Hospital Discharge Survey, CDC, NCHS.

Risk Reduction Objective: Cesarean delivery

PHS Agency Assignment: Health Resources and Services Administration

14.8 Reduce the cesarean delivery rate to no more than 15 per 100 deliveries.

| <u>Cesarean Delivery (per 100 deliveries)</u> | Baseline | | | | | | | | | | | | 2000 |
|--|----------|----------|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------|------------------------------|
| | Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | Target |
| Total population | 1987 | 24.4 | 24.7 | 23.8 (22.8) ^{•ub•} | 23.5 (22.7) ^{•ub•} | 23.5 (22.6) ^{•ub•} | 23.6 (22.3) ^{•ub•} | 22.8 (21.8) ^{•ub•} | 22.0 (21.2) ^{•ub•} | 20.8 (20.8) ^{•ub•} | 21.8 (20.7) ^{•ub•} | --- | 15 (20.8) ^{•ub•} |
| Type-Specific Targets | | | | | | | | | | | | | |
| 14.8a Primary (first time) cesarean delivery | 1987 | 17.4 | 17.5 | 17.1 (16.1) ^{•ub•} | 16.8 (16.0) ^{•ub•} | 17.1 (15.9) ^{•ub•} | 16.8 (15.6) ^{•ub•} | 16.3 (15.3) ^{•ub•} | 15.8 (14.9) ^{•ub•} | 15.5 (14.7) ^{•ub•} | 15.7 (14.6) ^{•ub•} | --- | 12 (14.6) ^{•ub•} |
| 14.8b Repeat cesarean deliveries ^{•uc•} | 1987 | 91.2 | 87.4 | 81.5 (81.1) ^{•ub•} | 79.6 (80.1) ^{•ub•} | 75.8 (78.7) ^{•ub•} | 74.9 (77.4) ^{•ub•} | 74.6 (75.7) ^{•ub•} | 70.3 (73.7) ^{•ub•} | 64.5 (72.5) ^{•ub•} | 66.4 (71.7) ^{•ub•} | --- | 65 (72.6) ^{•ub•} |
| ^{•ub•} Data from the certificate of live birth per 100 births. ^{•uc•} Among women who had a previous cesarean delivery. | | | | | | | | | | | | | |
| ICD-9 codes: 148, procedure codes 74, excluding 74.3 and 74.91; 14.8a same, without 654.2; 14.8b with 654.2. | | | | | | | | | | | | | |

Data Sources: National Hospital Discharge Survey, CDC, NCHS. National Vital Statistics System, CDC, NCHS.

Risk Reduction Objective: Breastfeeding

PHS Agency Assignment: Health Resources and Services Administration

14.9 (2.11) Increase to at least 75 percent the proportion of mothers who breastfeed their babies in the early postpartum period and to at least 50 percent the proportion who continue breastfeeding until their babies are 5 to 6 months old.

| | Baseline | | | | | | | | | | | |
|---|----------|--------------------|------|------|------|------|------|------|------|------|------|--------|
| | Year | Baseline | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | Target |
| <u>Mothers breastfeeding their babies^{•ua}</u> | | | | | | | | | | | | |
| During early postpartum period ^{•ub} | 1988 | 54% | 52% | 52% | 53% | 54% | 56% | 57% | 60% | 59% | 62% | 75% |
| At age 6 months | 1988 | 20% ^{•uc} | 18% | 18% | 18% | 19% | 19% | 20% | 22% | 22% | 26% | 50% |
| Special Population Targets | | | | | | | | | | | | |
| <u>During early postpartum period^{•ub}</u> | | | | | | | | | | | | |
| 14.9a Low-income mothers ^{•ud} | 1988 | 34% ^{•uc} | 32% | 35% | 33% | 35% | 38% | 40% | 42% | 42% | | 75% |
| 14.9b Black mothers | 1988 | 25% | 23% | 23% | 26% | 28% | 31% | 33% | 37% | 37% | 41% | 75% |
| 14.9c Hispanic mothers | 1988 | 51% | 48% | 48% | 52% | 52% | 56% | 58% | 61% | 61% | 64% | 75% |
| 14.9d American Indian/Alaska Native mothers | 1988 | 47% | 43% | 47% | 46% | 53% | 51% | 44% | 52% | 54% | 56% | 75% |
| <u>At age 6 months</u> | | | | | | | | | | | | |
| 14.9a Low-income mothers ^{•ud} | 1988 | 9% | 8% | 8% | 8% | 9% | 10% | 10% | 11% | 12% | | 50% |
| 14.9b Black mothers | 1988 | 7% ^{•uc} | 6% | 6% | 7% | 8% | 9% | 10% | 11% | 11% | 15% | 50% |
| 14.9c Hispanic mothers | 1988 | 14% ^{•uc} | 14% | 13% | 15% | 16% | 16% | 18% | 20% | 20% | 25% | 50% |
| 14.9d American Indian/Alaska Native mothers | 1988 | 28% | 27% | 27% | 22% | 24% | 28% | 24% | 24% | 24% | 25% | 50% |

- ua•Includes exclusive use of human milk or the use of human milk with a supplemental bottle of formulas or cow's milk.
- ub•Breastfed in hospital.
- uc•Baseline has been revised.
- ud•Less than \$10,000 income.

Data Sources: Ross Laboratories Mother Survey; For 14.9d, Pediatric Nutrition Surveillance System, CDC, NCCDPHP.

Risk Reduction Objective: Alcohol, tobacco, and drug use during pregnancy

PHS Agency Assignment: Health Resources and Services Administration

14.10 Increase abstinence from tobacco use by pregnant women to at least 90 percent and increase abstinence from alcohol, cocaine, and marijuana by pregnant women by at least 20 percent.

| <u>Abstinence from alcohol, tobacco, and drug use during pregnancy</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>1997</u> | <u>2000 Target</u> |
|--|----------------------|-----------------|-------------|--------------------|-----------------------------|-----------------------------|--------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------|
| Abstinence from tobacco | 1985 | 75% | 78% | 80% ^{•ua} | 79% (82%) ^{•ua} | 80% (82%) ^{•ua} | 83% ^{•ua} | 80% (84%) ^{•ua} | --- (85%) ^{•ua} | --- (86%) ^{•ua} | --- (86%) ^{•ua} | --- (87%) ^{•ua} | 90% |
| Abstinence from alcohol | 1988 | 79% | ... | --- | --- | --- | --- | 81% | --- | --- | --- | --- | 95% |
| Abstinence from cocaine | 1988 | 99% | ... | --- | --- | --- | --- | 99% | --- | --- | --- | --- | 100% |
| Abstinence from marijuana | 1988 | 98% | ... | --- | --- | --- | --- | 97% | --- | --- | --- | --- | 100% |

^{•ua}Data from the certificate of live birth.

Data Sources: 1985 Baseline - National Health Interview Survey, CDC, NCHS; 1988 Baselines - National Maternal and Infant Health Survey, CDC, NCHS. Updates - National Maternal and Infant Health Survey, CDC, NCHS (1988); National Vital Statistics System, CDC, NCHS (smoking: 1989-96); National Health Interview Survey, CDC, NCHS (smoking: 1990-91); National Pregnancy & Health Survey, NIH, NIDA (1993).

Services and Protection Objective: Prenatal Care

PHS Agency Assignment: Health Resources and Services Administration

14.11 Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.

| <u>Proportion of Pregnant Women Receiving Early Prenatal Care (percent of live births)</u> | Baseline | | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>1997</u> | <u>2000 Target</u> |
|--|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|-------------|-------------|-------------|-------------|--------------------|
| | <u>Year</u> | <u>Baseline</u> | | | | | | | | | | | |
| Percent of live births | 1987 | 76.0% | 75.9% | 75.5% | 75.8% | 76.2% | 77.7% | 78.9% | 80.2% | 81.3% | 81.9% | 82.5% | 90% |
| Special Population Targets | | | | | | | | | | | | | |
| 14.11a Black women | 1987 | 60.8% | 60.7% | 60.0% | 60.6% | 61.9% | 63.9% | 66.0% | 68.3% | 70.4% | 71.4% | 72.3% | 90% |
| 14.11b American Indian/Alaska Native | 1987 | 57.6% | 58.1% | 57.9% | 57.9% | 59.9% | 62.1% | 63.4% | 65.2% | 66.7% | 67.7% | 68.1% | 90% |
| 14.11c Hispanic women (Selected States) | 1987 | 61.0% ^{•ub} | 61.3% ^{•uc} | 59.5% ^{•ud} | 60.2% ^{•ue} | 61.0% ^{•uf} | 64.2% ^{•uf} | 66.6% | 68.9% | 70.8% | 72.2% | 73.7% | 90% |

^{•ub}Includes data for 23 States and D.C.
^{•uc}Includes data for 30 States and D.C.
^{•ud}Includes data for 47 States and D.C.
^{•ue}Includes data for 48 States and D.C.
^{•uf}Includes data for 49 States and D.C.

Data Source: National Vital Statistics System, CDC, NCHS.

Service and Protection Objective: Age-appropriate preconception counseling by clinicians

PHS Agency Assignment: Health Resources and Services Administration

14.12 (5.10) Increase to at least 60 percent the proportion of primary care providers who provide age-appropriate preconception care and counseling.

| <u>Age-appropriate preconception counseling</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>1997-98</u> | <u>2000 Target</u> |
|---|----------------------|-----------------|----------------|--------------------|
| Primary care providers | | --- | --- | 60% |
| <u>Percent of clinicians routinely providing service to 81-100% of patients</u> | | | | |
| <u>Inquiry about family planning (females, childbearing ages)</u> | | | | |
| Pediatricians | 1992 | 18% | --- | 60% |
| Nurse Practitioners | 1992 | 53% | 42% | 60% |
| Obstetrician/Gynecologists | 1992 | 48% | --- | 60% |
| Internists | 1992 | 24% | --- | 60% |
| Family Physicians | 1992 | 28% | --- | 60% |
| <u>Counseling about family planning</u> | | | | |
| Pediatricians | 1992 | 36% | --- | 60% |
| Nurse Practitioners | 1992 | 53% | 40% | 60% |
| Obstetrician/Gynecologists | 1992 | 65% | --- | 60% |
| Internists | 1992 | 26% | --- | 60% |
| Family Physicians | 1992 | 36% | --- | 60% |

Note: Primary Care Providers include pediatricians, physicians, nurse, practitioners, obstetricians, gynecologists and physician assistants. Response rates to the Primary Care Provider Surveys were: Family Physicians 50%, Nurse Practitioners 70%, Obstetrician/Gynecologists 71% and Pediatricians 80%. Data on assessment/inquiry represent the proportion of providers who queried 81-100% of their patients. Data on counseling/treatment /referral represent the proportion of providers who delivered these services to 81-100% of their clients who need the particular intervention.

Data Source: Baseline: Primary Care Providers Survey, OPHS, ODPHP. Update: Prevention in Primary Care Study, ACPM

Services and Protection Objective: Counseling on detection of fetal abnormalities

PHS Agency Assignment: Health Resources and Services Administration

14.13 Increase to at least 90 percent the proportion of women enrolled in prenatal care who are offered screening and counseling on prenatal detection of fetal abnormalities.

| <u>Prenatal detection of fetal abnormalities</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>1992</u> | <u>2000 Target</u> |
|---|--------------------------|-----------------|-------------|------------------------|
| Proportion of pregnant women screened for alpha-fetoprotein | 1988 | 29% | 51% | 90% |

Data Sources: College of American Pathologists, Foundation for Blood Research.

Services and Protection Objective: Risk-appropriate care

PHS Agency Assignment: Health Resources and Services Administration

14.14 Increase to at least 90 percent the proportion of pregnant women and infants who receive risk-appropriate care.

Risk-appropriate care

Baseline

2000
Target

Proportion of pregnant women and infants

90%

Data Source:

Services and Protection Objective: New born screening and followup

PHS Agency Assignment: Health Resources and Services Administration

14.15 Increase to at least 95 percent the proportion of newborns screened by State-sponsored Systems for genetic disorders and other disabling conditions and to 90 percent the proportion of newborns testing positive for disease who receive appropriate treatment.

| | Baseline Year | Baseline | 1990 | 2000 Target |
|--|------------------|--------------------|--------------------|----------------|
| <u>Newborn screening and treatment</u> | | | | |
| Screened by State-sponsored Systems for genetic disorders and other conditions | | --- | --- | 95% |
| Testing positive for disease and receiving appropriate treatment | | --- | --- | 90% |
| Sickle cell anemia screening | 1987 | 33% ^{•ua} | 89% ^{•ub} | 95% |
| Black infants | 1987 | 57% ^{•ua} | 77% ^{•uc} | 95% |
| Newborns diagnosed positive for sickle cell anemia receiving treatment | | --- | 95% | 90% |
| Galactosemia with 38 States reporting screening | 1987 | 70% | 97% | 95% |
| Newborns diagnosed positive for galactosemia receiving treatment | | --- | 100% | 90% |
| ^{•ua} Based on 20 States reporting screening. ^{•ub} Based on 43 States reporting screening. ^{•uc} Based on 9 States because other States do not report race of child. | | | | |

Data Source: Council of Regional Networks for Genetic Services

Services and Protection Objective: Primary care for babies

PHS Agency Assignment: Health Resources and Services Administration

14.16 Increase to at least 90 percent the proportion of babies aged 18 months and younger who receive recommended primary care services services at the appropriate intervals.

| <u>Primary care services at appropriate intervals</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>2000 Target</u> |
|---|----------------------|-----------------|--------------------|
| Babies aged 18 months and younger | | --- | 90% |

Data Source:

Health Status Objective: Spina bifida and neural tube defects

PHS Agency Assignment: Health Resources and Services Administration

14.17 Reduce the incidence of spinal bifida and other neural tube defects to 3 per 10,000 live births.

| <u>Spina bifida and other neural tube defects (per 10,000 live births)</u> | <u>Baseline Year</u> | <u>Baseline</u> | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>2000 Target</u> |
|--|--------------------------|-----------------|-------------|-------------|-------------|------------------------|
| Total population | 1990 | 6 | 7 | 6 | 7 | 3 |

Data Source: Birth Defects Monitoring Program, CDC, NCEH.