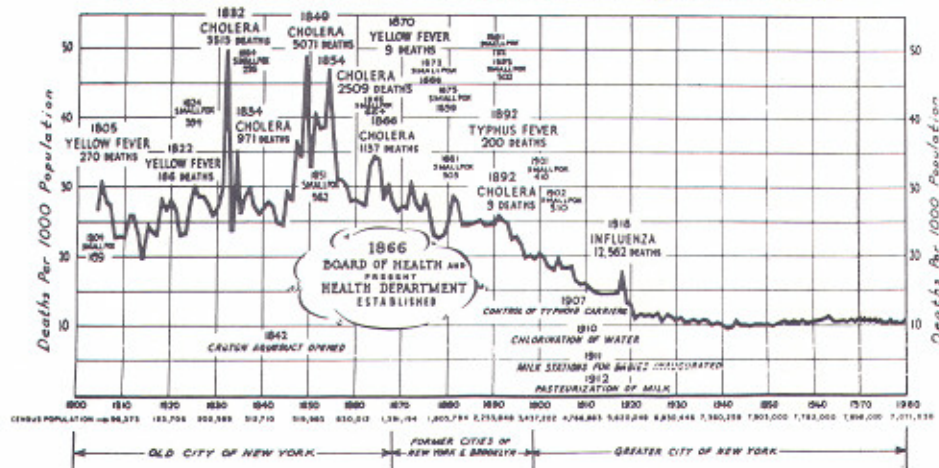


SUMMARY OF VITAL STATISTICS 1981

THE CITY OF NEW YORK

*The CONQUEST OF PESTILENCE in NEW YORK CITY ~
... As Shown by the Death Rate as Recorded in the Official Records of the Department of Health.*



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Table 1. Population, Births, Marriages, Deaths and Infant Mortality, New York City, 1898-1981

AVERAGE NUMBER

| YEAR | Estimated Population July 1 | LIVE BIRTHS* | | MARRIAGES | | DEATHS | | INFANT MORTALITY | |
|--------------|-----------------------------------|------------------------|----------------------|------------------------|----------------------|--------------------------|----------------------|-----------------------------|-------------------------------------|
| | | Total Re- ported | Rate per 1,000 | Total Re- ported | Rate per 1,000 | Total Re- one year | Rate per 1,000 | Deaths under one year | Rate per 1,000 live births |
| 1898-1900... | 3,358,000 | 119,000 | 35.4 | 30,535 | 9.1 | 67,503 | 20.1 | 16,264 | 136.7 |
| 1901-1905... | 3,786,000 | 129,000 | 34.1 | 37,988 | 10.0 | 71,689 | 18.9 | 15,611 | 121.0 |
| 1906-1910... | 4,473,000 | 144,000 | 32.2 | 44,966 | 10.1 | 75,865 | 17.0 | 16,609 | 115.3 |
| 1911-1915... | 5,049,000 | 140,581 | 27.8 | 51,157 | 10.1 | 74,666 | 14.9 | 14,060 | 100.0 |
| 1916-1920... | 5,492,000 | 136,101 | 24.9 | 59,081 | 10.8 | 80,435 | 14.6 | 12,004 | 88.2 |
| 1921-1925... | 6,175,000 | 130,462 | 21.1 | 62,710 | 10.1 | 69,303 | 11.2 | 8,985 | 68.9 |
| 1926-1930... | 6,703,000 | 125,590 | 18.7 | 62,278 | 9.7 | 75,395 | 11.2 | 7,662 | 61.0 |
| 1931-1935... | 7,101,000 | 106,179 | 15.0 | 63,273 | 8.9 | 75,561 | 10.6 | 5,521 | 52.0 |
| 1936-1940... | 7,363,000 | 102,418 | 13.9 | 69,184 | 9.4 | 76,065 | 10.3 | 4,079 | 39.8 |
| 1941-1945... | 7,597,000 | 126,495 | 16.7 | 76,086 | 10.0 | 78,382 | 10.3 | 3,528 | 30.3 |
| 1946-1950... | 7,815,000 | 158,926 | 20.3 | 90,924 | 11.6 | 79,708 | 10.2 | 4,139 | 26.0 |
| 1951..... | 7,891,000 | 162,755 | 20.6 | 76,983 | 9.8 | 79,109 | 10.0 | 3,847 | 23.6 |
| 1952..... | 7,879,000 | 164,165 | 20.8 | 71,004 | 9.0 | 81,139 | 10.3 | 3,980 | 24.2 |
| 1953..... | 7,867,000 | 161,499 | 20.5 | 71,942 | 9.1 | 82,039 | 10.4 | 3,945 | 24.4 |
| 1954..... | 7,854,000 | 164,060 | 20.9 | 69,900 | 8.9 | 79,014 | 10.1 | 3,891 | 23.7 |
| 1955..... | 7,843,000 | 165,150 | 21.1 | 68,615 | 8.7 | 81,612 | 10.4 | 4,268 | 25.8 |
| 1956..... | 7,831,000 | 165,553 | 21.1 | 70,291 | 9.0 | 81,118 | 10.4 | 4,052 | 24.5 |
| 1957..... | 7,818,000 | 166,977 | 21.4 | 69,498 | 8.9 | 84,141 | 10.8 | 4,176 | 25.0 |
| 1958..... | 7,806,000 | 167,775 | 21.5 | 67,594 | 8.7 | 84,586 | 10.8 | 4,435 | 26.4 |
| 1959..... | 7,794,000 | 168,138 | 21.6 | 66,887 | 8.6 | 85,352 | 11.0 | 4,458 | 26.5 |
| 1960..... | 7,782,000 | 166,300 | 21.4 | 67,133 | 8.6 | 86,252 | 11.1 | 4,328 | 26.0 |
| 1961..... | 7,793,000 | 168,383 | 21.6 | 66,258 | 8.5 | 86,855 | 11.1 | 4,307 | 25.6 |
| 1962..... | 7,805,000 | 165,244 | 21.2 | 65,512 | 8.4 | 87,089 | 11.2 | 4,510 | 27.3 |
| 1963..... | 7,816,000 | 167,848 | 21.5 | 67,886 | 8.7 | 88,621 | 11.3 | 4,334 | 25.8 |
| 1964..... | 7,828,000 | 165,695 | 21.2 | 70,053 | 9.0 | 88,026 | 11.2 | 4,438 | 26.8 |
| 1965..... | 7,839,000 | 158,815 | 20.3 | 71,880 | 9.2 | 87,395 | 11.1 | 4,076 | 25.7 |
| 1966..... | 7,850,000 | 153,335 | 19.5 | 66,689 | 8.5 | 88,418 | 11.3 | 3,819 | 24.9 |
| 1967..... | 7,862,000 | 145,802 | 18.5 | 68,876 | 8.8 | 87,610 | 11.1 | 3,489 | 23.9 |
| 1968..... | 7,873,000 | 141,920 | 18.0 | 73,307 | 9.3 | 91,169 | 11.6 | 3,282 | 23.1 |
| 1969..... | 7,885,000 | 146,221 | 18.5 | 75,220 | 9.5 | 88,535 | 11.2 | 3,563 | 24.4 |
| 1970..... | 7,896,000 | 149,192 | 18.9 | 74,174 | 9.4 | 88,161 | 11.2 | 3,230 | 21.6 |
| 1971..... | 7,832,000 | 131,920 | 16.8 | 73,810 | 9.4 | 86,724 | 11.1 | 2,751 | 20.9 |
| 1972..... | 7,731,000 | 117,088 | 15.1 | 73,253 | 9.5 | 85,363 | 11.0 | 2,321 | 19.8 |
| 1973..... | 7,648,000 | 110,639 | 14.5 | 70,104 | 9.2 | 82,319 | 10.8 | 2,206 | 19.9 |
| 1974..... | 7,566,000 | 110,642 | 14.6 | 61,925 | 8.3 | 79,846 | 10.6 | 2,175 | 19.7 |
| 1975..... | 7,484,000 | 109,418 | 14.6 | 59,591 | 8.0 | 76,312 | 10.2 | 2,110 | 19.3 |
| 1976..... | 7,401,000 | 109,995 | 14.9 | 55,829 | 7.5 | 77,538 | 10.5 | 2,092 | 19.0 |
| 1977..... | 7,318,000 | 110,486 | 15.1 | 52,804 | 7.2 | 75,011 | 10.3 | 1,971 | 17.8 |
| 1978..... | 7,236,000 | 106,720 | 14.7 | 54,247 | 7.5 | 73,081 | 10.1 | 1,827 | 17.1 |
| 1979..... | 7,154,000 | 106,021 | 14.8 | 58,532 | 8.2 | 72,079 | 10.1 | 1,767 | 16.7 |
| 1980..... | 7,071,000 | 107,066 | 15.1 | 58,637 | 8.3 | 76,625 | 10.8 | 1,719 | 16.1 |
| 1981..... | 7,071,000 | 108,547 | 15.4 | 61,775 | 8.7 | 73,329 | 10.4 | 1,678 | 15.5 |

NOTE: Figures for single years prior to 1951 appear in the annual summaries for 1965 and earlier.
*1898-1913 birth figures are estimated, as the number actually reported was undoubtedly incomplete.

Table 2. Births and Deaths in New York City by Borough of Residence and Occurrence, 1981

| Borough of Residence | BIRTHS | | | | | |
|-----------------------------|---------|-----------|--------|----------|--------|----------|
| | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond |
| Manhattan | 16,886 | 16,210 | 454 | 94 | 121 | 7 |
| Bronx | 19,037 | 4,007 | 14,841 | 63 | 125 | 1 |
| Brooklyn | 38,303 | 4,031 | 86 | 33,249 | 846 | 91 |
| Queens | 22,397 | 3,715 | 209 | 1,272 | 17,187 | 14 |
| Richmond | 4,718 | 239 | 7 | 656 | 34 | 3,782 |
| Non Residents | 7,204 | 3,426 | 984 | 490 | 2,182 | 122 |
| Residence Unknown | 2 | - | 1 | - | - | 1 |
| Total | 108,547 | 31,628 | 16,582 | 35,824 | 20,495 | 4,018 |

| Borough of Residence | DEATHS | | | | | |
|-----------------------------|--------|-----------|--------|----------|--------|----------|
| | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond |
| Manhattan | 14,591 | 13,546 | 698 | 131 | 174 | 42 |
| Bronx | 11,706 | 1,340 | 10,209 | 61 | 85 | 11 |
| Brooklyn | 21,216 | 1,643 | 177 | 18,472 | 667 | 257 |
| Queens | 17,882 | 1,970 | 416 | 934 | 14,520 | 42 |
| Richmond | 2,809 | 148 | 8 | 88 | 11 | 2,554 |
| Non Residents | 4,552 | 2,489 | 711 | 306 | 940 | 106 |
| Residence Unknown | 573 | 282 | 125 | 123 | 38 | 5 |
| Total | 73,329 | 21,418 | 12,344 | 20,115 | 16,435 | 3,017 |

**Table 3. Deaths by Cause and Borough of Residence and Comparability Ratios
New York City, 1981**

| CAUSE OF DEATH | Total Recorded in New York City | Known Residents by Borough of Residence | | | | | Res. of Inst. | Known Non-Residents of City | Permanently Res. Unknown | Comparability Ratio(1) |
|---|---------------------------------|---|--------|--------|--------|--------|---------------|-----------------------------|--------------------------|------------------------|
| | | Manhattan | Bronx | B'klyn | Queens | R'ch'd | | | | |
| | 73,329 | 14,127 | 10,904 | 20,799 | 17,468 | 2,671 | 2,235 | 4,552 | 573 | |
| 1. Total tuberculosis (010-018) | 155 | 54 | 20 | 48 | 19 | 3 | 3 | 5 | 3 | 0.77 |
| Respiratory tuberculosis (010-012) | 121 | 44 | 16 | 36 | 13 | 3 | 3 | 4 | 2 | 0.84 |
| Other forms (013-018) | 34 | 10 | 4 | 12 | 6 | — | — | 1 | 1 | 0.51 |
| 2. Syphilis and other venereal disease (090-099) | 2 | — | 1 | — | — | — | — | — | — | 1.01 |
| 3. Infectious hepatitis (070) | 56 | 13 | 10 | 19 | 10 | 2 | — | 2 | — | 1.40 |
| 4. Other infective and parasitic diseases (Rest of 001-139) | — | — | — | — | — | — | — | — | — | — |
| 5. Malignant neoplasms, all (140-208) | 16,147 | 3,153 | 2,234 | 4,422 | 3,791 | 679 | 191 | 1,650 | 27 | 1.00 |
| Lip, oral cavity, and pharynx (140-149) | 361 | 75 | 67 | 81 | 76 | 15 | 11 | 34 | 2 | 1.01 |
| Digestive organs and peritoneum (150-159) | 4,950 | 975 | 710 | 1,431 | 1,202 | 194 | 66 | 364 | 8 | 1.03 |
| Stomach (151) | 788 | 161 | 122 | 218 | 182 | 30 | 6 | 68 | 1 | — |
| Colon (153) | 1,882 | 376 | 258 | 538 | 464 | 83 | 36 | 124 | 3 | — |
| Rectum (154) | 312 | 81 | 40 | 72 | 84 | 11 | 6 | 18 | — | — |
| Liver, Bile ducts, gallbladder (155-156) | 572 | 105 | 81 | 184 | 131 | 21 | 3 | 45 | 2 | — |
| Pancreas (157) | 867 | 145 | 120 | 258 | 232 | 32 | 9 | 71 | — | — |
| Respiratory System (160-165) | 3,571 | 683 | 508 | 964 | 890 | 199 | 28 | 292 | 7 | 1.00 |
| Trachea, bronchus and lung (162) | 3,354 | 643 | 464 | 914 | 845 | 187 | 33 | 272 | 6 | — |
| Breast and genito-urinary organs (174,179-189) | 3,966 | 788 | 545 | 1,112 | 940 | 143 | 62 | 371 | 5 | — |
| Breast (174) | 1,606 | 320 | 211 | 458 | 396 | 51 | 25 | 145 | — | 1.01 |
| Cervix uteri (180) | 203 | 37 | 42 | 58 | 39 | 5 | 1 | 21 | — | 1.01 |
| Ovary, and other uterine adnexa (183) | 417 | 68 | 56 | 111 | 102 | 12 | 5 | 61 | 2 | 1.01 |
| Prostate (185) | 803 | 182 | 110 | 213 | 202 | 37 | 13 | 45 | 1 | 1.01 |
| Bladder and other urinary organs (188-189) | 642 | 126 | 81 | 183 | 137 | 31 | 11 | 71 | 2 | .99 |
| Other and unspecified sites (170-173, 175, 190-199) | 1,718 | 336 | 221 | 462 | 383 | 70 | 14 | 230 | 2 | .96 |
| Lymphatic and hematopoietic tissues (200-208) | 1,581 | 296 | 183 | 372 | 300 | 58 | 10 | 359 | 3 | .96 |
| Leukemia and leukemia (204-208) | 709 | 120 | 72 | 163 | 129 | 24 | 3 | 197 | 1 | 1.01 |
| 6. Benign and unspecified neoplasms (210-239) | 260 | 35 | 34 | 89 | 61 | 5 | 3 | 31 | 2 | 1.21 |
| 7. Diabetes (250) | 1,501 | 308 | 271 | 456 | 333 | 38 | 39 | 53 | 3 | 1.00 |
| 8. Alcoholic dependence (303) | 317 | 98 | 49 | 101 | 45 | 2 | 1 | 15 | 6 | — |
| 9. Drug dependence (304) | 511 | 173 | 82 | 108 | 65 | 10 | 5 | 49 | 19 | — |
| 10. Total Cardiovascular renal (390-459, 582-583, 587) | 37,881 | 6,726 | 5,561 | 10,895 | 9,756 | 1,413 | 1,631 | 1,712 | 189 | 1.01 |
| Coronary disease (430-438) | 3,430 | 677 | 480 | 878 | 983 | 122 | 122 | 152 | 16 | 1.00 |
| Diseases of the heart (393-398, 402, 404-429) | 32,721 | 5,629 | 4,863 | 9,512 | 8,386 | 1,240 | 1,455 | 1,464 | 162 | 1.01 |
| Chronic rheumatic heart disease (393-398) | 284 | 27 | 37 | 84 | 73 | 11 | 2 | 49 | 1 | .66 |
| Ischemic heart disease (410-414) | 29,325 | 4,904 | 4,327 | 8,572 | 7,655 | 1,119 | 1,348 | 1,257 | 143 | .88 |
| Other forms of heart disease (420-429) | 2,154 | 500 | 359 | 614 | 392 | 78 | 77 | 121 | 13 | 2.50 |
| Hypertensive disease (401-405) | 1,047 | 213 | 136 | 320 | 284 | 22 | 32 | 36 | 4 | 2.06 |
| Atherosclerosis (440) | 672 | 210 | 64 | 179 | 151 | 15 | 25 | 20 | 8 | 1.06 |
| Chronic and unspecified nephritis (582-583, 587) | 81 | 24 | 16 | 15 | 18 | 1 | 3 | 4 | — | .50 |
| 11. Influenza and pneumonia (480-487) | 2,567 | 568 | 337 | 657 | 650 | 72 | 163 | 99 | 21 | .93 |
| 12. Bronchitis, emphysema, asthma (490-493) | 697 | 162 | 136 | 186 | 147 | 28 | 16 | 20 | 2 | 1.00 |
| 13. Ulcer of stomach and duodenum (531-533) | 333 | 72 | 43 | 99 | 82 | 13 | 6 | 17 | 1 | 1.12 |
| 14. Appendicitis (540-543) | 17 | 4 | 3 | 4 | 3 | 2 | — | 1 | — | 1.01 |
| 15. Intestinal obstruction and hernia (550-553, 560) | 147 | 33 | 28 | 42 | 30 | 4 | 1 | 8 | 1 | .94 |
| 16. Cirrhosis of liver (571) | 1,975 | 576 | 289 | 575 | 360 | 39 | 12 | 59 | 65 | 1.01 |
| 17. Acute nephritis and nephrosis (580, 581) | 7 | — | 2 | 3 | 1 | — | — | — | — | .24 |
| 18. Hyperplasia of prostate (600) | 41 | 10 | 5 | 17 | 7 | 1 | — | 1 | — | 1.02 |
| 19. Complications of pregnancy, childbirth, and the puerperium (630-676) | 33 | 3 | 3 | 16 | 8 | — | — | 2 | 1 | 1.10 |
| 20. Congenital anomalies (740-759) | 556 | 77 | 98 | 146 | 93 | 21 | 2 | 116 | 3 | 1.00 |
| 21. Certain conditions originating in the perinatal period (760-779) | 905 | 95 | 157 | 345 | 165 | 36 | 1 | 103 | 3 | 1.08 |
| 22. Ill-defined (780-799) | 621 | 131 | 108 | 195 | 129 | 8 | 5 | 30 | 15 | .91 |
| 23. All other diseases | 3,452 | 747 | 524 | 938 | 745 | 168 | 100 | 214 | 16 | .78 |
| 24. Total accidents (800-949) | 1,393 | 202 | 200 | 385 | 385 | 45 | 19 | 129 | 28 | 1.00 |
| Motor vehicle accidents (810-825) | 542 | 61 | 58 | 168 | 153 | 28 | 1 | 64 | 9 | 1.01 |
| Home accidents | 467 | 81 | 83 | 138 | 139 | 10 | 3 | 7 | 6 | .99 |
| Injury undetermined whether accidentally or purposely inflicted (980-989) | 809 | 206 | 145 | 176 | 104 | 22 | 7 | 60 | 89 | .97 |
| 26. Suicide and self inflicted injuries (950-959) | 641 | 175 | 97 | 137 | 148 | 21 | 3 | 38 | 22 | 1.00 |
| 27. Homicide (960-975, 990-999) | 1,992 | 452 | 408 | 640 | 279 | 30 | 21 | 106 | 56 | 1.01 |

Numbers in parentheses are those of the International Classification of Diseases, 1975 Revision.

(1) Ratio of deaths assigned to the ninth revision to deaths assigned to the eighth revision based on dual coding of 1976 death certificates from the National Center for Health Statistics DHEW Publication 80-1120 Feb. 29, 1980.

Table 4. Population in 1980 and Deaths in 1981, New York City

| AGE | 1980 POPULATION BY AGE, COLOR, SEX | | | | | DEATHS IN 1981 BY AGE, COLOR, AND SEX | | | | |
|-----------|------------------------------------|-----------|-----------|-----------|-----------|---------------------------------------|--------|--------|-----------|--------|
| | Total | WHITE | | NON-WHITE | | Total | WHITE | | NON-WHITE | |
| | | Male | Female | Male | Female | | Male | Female | Male | Female |
| All ages | 7,071,639 | 2,287,989 | 2,619,705 | 987,149 | 1,176,796 | 73,329 | 29,206 | 27,604 | 8,948 | 7,571 |
| Under 5 | 470,694 | 145,694 | 139,026 | 93,632 | 92,342 | 1,949 | 557 | 416 | 552 | 424 |
| 5-9 | 447,327 | 139,274 | 132,388 | 88,532 | 87,133 | 151 | 67 | 33 | 29 | 22 |
| 10-14 | 506,283 | 156,269 | 150,495 | 99,639 | 99,880 | 168 | 69 | 33 | 42 | 24 |
| 15-19 | 563,492 | 173,239 | 173,646 | 105,921 | 110,686 | 509 | 199 | 99 | 154 | 57 |
| 20-24 | 603,893 | 196,109 | 215,843 | 85,329 | 106,612 | 926 | 407 | 158 | 261 | 100 |
| 25-29 | 631,050 | 214,912 | 227,057 | 84,030 | 105,051 | 1,236 | 543 | 164 | 379 | 150 |
| 30-34 | 572,117 | 190,654 | 200,661 | 80,365 | 100,437 | 1,373 | 575 | 213 | 400 | 185 |
| 35-39 | 450,735 | 142,784 | 153,181 | 67,605 | 87,165 | 1,311 | 498 | 234 | 365 | 214 |
| 40-44 | 382,820 | 119,731 | 130,642 | 59,308 | 73,139 | 1,584 | 583 | 283 | 446 | 272 |
| 45-49 | 360,104 | 117,227 | 131,845 | 49,145 | 61,887 | 2,113 | 809 | 466 | 533 | 325 |
| 50-54 | 392,990 | 132,323 | 154,581 | 45,463 | 60,623 | 3,328 | 1,356 | 764 | 688 | 520 |
| 55-59 | 393,169 | 134,444 | 163,317 | 41,077 | 54,331 | 4,748 | 1,987 | 1,242 | 869 | 650 |
| 60-64 | 345,233 | 119,223 | 151,891 | 30,527 | 43,592 | 5,931 | 2,565 | 1,723 | 916 | 727 |
| 65-69 | 316,596 | 107,135 | 149,764 | 23,393 | 36,304 | 7,648 | 3,409 | 2,520 | 906 | 813 |
| 70-74 | 253,923 | 83,706 | 129,534 | 15,565 | 25,118 | 8,859 | 3,904 | 3,326 | 827 | 802 |
| 75-79 | 189,629 | 59,217 | 103,392 | 9,856 | 17,164 | 9,588 | 4,145 | 4,051 | 611 | 781 |
| 80-84 | 114,252 | 34,310 | 66,231 | 4,803 | 8,908 | 9,431 | 3,521 | 4,671 | 540 | 699 |
| 85 & over | 77,332 | 21,738 | 46,211 | 2,959 | 6,424 | 12,476 | 4,012 | 7,228 | 430 | 806 |

**Table 5. Chief Causes of Death in Specified Age Groups by Sex (a)
New York City, 1981**

| Males | | ALL AGES | Females | |
|----------------|---------|---|---------|---------|
| Deaths | Percent | | Deaths | Percent |
| 15,988 | 41.9 | Heart Diseases | 16,733 | 47.6 |
| 8,249 | 21.6 | Malignant Neoplasms | 7,898 | 22.5 |
| 1,375 | 3.6 | Cerebrovascular Diseases | 2,055 | 5.8 |
| 1,321 | 3.5 | Influenza and Pneumonia | 1,246 | 3.5 |
| 1,691 | 4.4 | Homicides | 301 | 0.9 |
| 1,402 | 3.7 | Cirrhosis of Liver | 573 | 1.6 |
| 647 | 1.7 | Diabetes Mellitus | 854 | 2.4 |
| 920 | 2.4 | Accidents | 473 | 1.3 |
| 518 | 1.4 | Diseases of Early Infancy | 387 | 1.1 |
| 441 | 1.2 | Bronchitis, Emphysema and Asthma | 256 | 0.8 |
| 5,602 | 14.6 | All Other Causes | 4,399 | 12.5 |
| 38,154 | 100.0 | Total | 35,175 | 100.0 |
| UNDER ONE YEAR | | | | |
| 196 | 20.7 | Congenital Anomalies | 184 | 25.3 |
| 137 | 14.4 | Immaturity | 109 | 15.0 |
| 147 | 15.5 | Respiratory Distress Syndrome | 87 | 11.9 |
| 99 | 10.4 | Sudden Infant Death Syndrome | 62 | 8.5 |
| 65 | 6.8 | Respiratory Conditions of Newborn | 56 | 7.7 |
| 29 | 3.1 | Asphyxia | 30 | 4.1 |
| 25 | 2.6 | Influenza and Pneumonia | 6 | 0.8 |
| 12 | 1.3 | Diseases of the Nervous System and Sense Organs | 12 | 1.6 |
| 12 | 1.3 | Neonatal Hemorrhage | 11 | 1.5 |
| 11 | 1.2 | Infectious and Parasitic Diseases | 9 | 1.2 |
| 216 | 22.7 | All Other Causes | 163 | 22.4 |
| 949 | 100.0 | Total | 729 | 100.0 |
| 1 TO 14 YEARS | | | | |
| 78 | 21.3 | Malignant Neoplasms | 51 | 22.9 |
| 88 | 24.0 | Accidents | 34 | 15.2 |
| 43 | 11.7 | Congenital Anomalies | 29 | 13.0 |
| 40 | 10.9 | Homicides | 17 | 7.6 |
| 14 | 3.8 | Diseases of the Nervous System and Sense Organs | 15 | 6.7 |
| 9 | 2.5 | Infectious and Parasitic Diseases | 10 | 4.5 |
| 6 | 1.6 | Influenza and Pneumonia | 7 | 3.1 |
| 6 | 1.6 | Endocrine, Nutritional and Metabolic Diseases | 5 | 2.3 |
| 7 | 1.9 | Heart Diseases | 5 | 2.3 |
| 7 | 1.9 | Diseases of the Blood and Blood Forming Organs | 4 | 1.8 |
| 69 | 18.8 | All Other Causes | 46 | 20.6 |
| 367 | 100.0 | Total | 223 | 100.0 |
| 15 TO 24 YEARS | | | | |
| 475 | 46.5 | Homicides | 75 | 18.2 |
| 122 | 11.9 | Accidents | 37 | 8.9 |
| 75 | 7.3 | Malignant Neoplasms | 73 | 17.7 |
| 69 | 6.8 | Suicides | 20 | 4.8 |
| 40 | 3.9 | Drug Dependence | 17 | 4.1 |
| 24 | 2.4 | Heart Diseases | 12 | 2.9 |
| 16 | 1.6 | Diseases of the Nervous System and Sense Organs | 10 | 2.4 |
| 13 | 1.3 | Congenital Anomalies | 12 | 2.9 |
| 13 | 1.3 | Influenza and Pneumonia | 7 | 1.7 |
| 9 | 0.9 | Diseases of the Digestive System | 8 | 1.9 |
| 165 | 16.1 | All Other Causes | 143 | 34.5 |
| 1,021 | 100.0 | Total | 414 | 100.0 |
| 25 TO 44 YEARS | | | | |
| 843 | 22.3 | Homicides | 120 | 7.0 |
| 392 | 10.3 | Malignant Neoplasms | 443 | 25.9 |
| 400 | 10.6 | Heart Diseases | 197 | 11.5 |
| 419 | 11.1 | Cirrhosis of Liver | 161 | 9.4 |
| 322 | 8.5 | Drug Dependence | 80 | 4.7 |
| 250 | 6.6 | Accidents | 64 | 3.7 |
| 202 | 5.3 | Suicides | 77 | 4.5 |
| 85 | 2.2 | Cerebrovascular Diseases | 66 | 3.8 |
| 81 | 2.1 | Influenza and Pneumonia | 43 | 2.5 |
| 68 | 1.8 | Alcoholism | 28 | 1.6 |
| 727 | 19.2 | All Other Causes | 436 | 25.4 |
| 3,789 | 100.0 | Total | 1,715 | 100.0 |

| Males | | 45 TO 64 YEARS | | Females | |
|----------------|---------|--|--|---------|---------|
| Deaths | Percent | | | Deaths | Percent |
| 3,813 | 39.2 | Heart Diseases | | 1,965 | 30.7 |
| 2,662 | 27.4 | Malignant Neoplasms | | 2,497 | 39.0 |
| 724 | 7.4 | Cirrhosis of Liver | | 260 | 4.1 |
| 317 | 3.3 | Cerebrovascular Diseases | | 312 | 4.9 |
| 229 | 2.4 | Diabetes Mellitus | | 211 | 3.3 |
| 196 | 2.0 | Influenza and Pneumonia | | 132 | 2.1 |
| 266 | 2.7 | Homicides | | 45 | 0.7 |
| 205 | 2.1 | Accidents | | 91 | 1.4 |
| 126 | 1.3 | Alcoholism | | 36 | 0.6 |
| 90 | 0.9 | Bronchitis, Emphysema, and Asthma | | 66 | 1.0 |
| 1,095 | 11.3 | All Other Causes | | 782 | 12.2 |
| 9,723 | 100.0 | Total | | 6,397 | 100.0 |
| 65 TO 74 YEARS | | | | | |
| 4,406 | 48.7 | Heart Diseases | | 3,405 | 45.6 |
| 2,528 | 27.9 | Malignant Neoplasms | | 2,254 | 30.2 |
| 308 | 3.4 | Cerebrovascular Diseases | | 395 | 5.3 |
| 268 | 3.0 | Influenza and Pneumonia | | 170 | 2.3 |
| 186 | 2.1 | Diabetes Mellitus | | 214 | 2.9 |
| 183 | 2.0 | Cirrhosis of Liver | | 105 | 1.4 |
| 136 | 1.5 | Bronchitis, Emphysema, and Asthma | | 75 | 1.0 |
| 86 | 1.0 | Accidents | | 82 | 1.1 |
| 78 | 0.9 | Arteriosclerosis | | 62 | 0.8 |
| 54 | 0.6 | Diseases of Oesophagus, Stomach and Duodenum | | 35 | 0.5 |
| 813 | 8.9 | All Other Causes | | 664 | 8.9 |
| 9,046 | 100.0 | Total | | 7,461 | 100.0 |
| 75 TO 84 YEARS | | | | | |
| 4,717 | 53.5 | Heart Diseases | | 5,841 | 57.2 |
| 1,903 | 21.6 | Malignant Neoplasms | | 1,886 | 18.5 |
| 427 | 4.8 | Cerebrovascular Diseases | | 720 | 7.1 |
| 390 | 4.4 | Influenza and Pneumonia | | 361 | 3.5 |
| 145 | 1.6 | Diabetes Mellitus | | 250 | 2.5 |
| 98 | 1.1 | Arteriosclerosis | | 144 | 1.4 |
| 132 | 1.5 | Bronchitis, Emphysema, and Asthma | | 58 | 0.6 |
| 99 | 1.1 | Accidents | | 88 | 0.9 |
| 61 | 0.7 | Diseases of Oesophagus, Stomach and Duodenum | | 62 | 0.6 |
| 50 | 0.6 | Nephritis and Nephrosis | | 41 | 0.4 |
| 795 | 9.1 | All Other Causes | | 751 | 7.3 |
| 8,817 | 100.0 | Total | | 10,202 | 100.0 |
| 85 AND OVER | | | | | |
| 2,618 | 58.9 | Heart Diseases | | 5,304 | 66.0 |
| 608 | 13.7 | Malignant Neoplasms | | 690 | 8.6 |
| 342 | 7.7 | Influenza and Pneumonia | | 519 | 6.5 |
| 230 | 5.2 | Cerebrovascular Diseases | | 557 | 6.9 |
| 67 | 1.5 | Arteriosclerosis | | 151 | 1.9 |
| 58 | 1.3 | Diabetes Mellitus | | 154 | 1.9 |
| 64 | 1.4 | Accidents | | 74 | 0.9 |
| 33 | 0.7 | Diseases of Oesophagus, Stomach and Duodenum | | 52 | 0.7 |
| 44 | 1.0 | Bronchitis, Emphysema and Asthma | | 28 | 0.3 |
| 25 | 0.6 | Nephritis and Nephrosis | | 23 | 0.3 |
| 353 | 8.0 | All Other Causes | | 482 | 6.0 |
| 4,442 | 100.0 | Total | | 8,034 | 100.0 |

(a) Ten leading causes of death in each age group arranged in order of importance for both sexes combined.

**Table 6. Deaths by Descent or Origin of Deceased and Borough of Residence
New York City, 1981**

| Descent or Origin of Deceased | Borough of Residence | | | | | | | Residence Unknown |
|-------------------------------|----------------------|-----------|--------|----------|--------|----------|--------------|-------------------|
| | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond | Non-Resident | |
| Mexican..... | 39 | 17 | 3 | 7 | 7 | 1 | 4 | - |
| Puerto Rican | 3,697 | 971 | 1,337 | 1,040 | 254 | 21 | 58 | 16 |
| Cuban | 407 | 144 | 47 | 51 | 131 | 6 | 26 | 2 |
| Other Spanish..... | 2,764 | 645 | 430 | 849 | 644 | 37 | 112 | 47 |
| American..... | 22,191 | 4,184 | 2,717 | 5,935 | 5,492 | 1,369 | 2,430 | 64 |
| European..... | 26,340 | 3,729 | 4,139 | 7,791 | 8,251 | 1,126 | 1,292 | 12 |
| Asian..... | 2,036 | 572 | 208 | 565 | 521 | 45 | 124 | 1 |
| African..... | 13,612 | 3,780 | 2,586 | 4,371 | 2,218 | 154 | 370 | 133 |
| Not Stated..... | 2,243 | 549 | 239 | 607 | 364 | 50 | 136 | 298 |
| Total..... | 73,329 | 14,591 | 11,706 | 21,216 | 17,882 | 2,809 | 4,552 | 573 |

**Table 7. Age and Sex Specific Death Rates Per 1,000 Population
New York City, 1909-1981**

| Age | 1909-'10-'11 | | 1919-'20* | | 1929-'30-'31 | | 1939-'40-'41 | | 1949-'50-'51 | | 1959-'60-'61 | | 1969-'70-'71 | | 1979-'80-'81 | |
|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females | Males/Females |
| 0-4 | 50.2 | 43.2 | 32.4 | 26.5 | 19.4 | 15.4 | 11.3 | 8.8 | 7.6 | 6.0 | 8.2 | 6.4 | 6.6 | 5.3 | 4.6 | 3.8 |
| 5-9 | 4.2 | 3.9 | 3.8 | 3.1 | 2.5 | 2.0 | 1.0 | 0.8 | 0.6 | 0.5 | 0.7 | 0.5 | 0.6 | 0.4 | 0.4 | 0.3 |
| 10-14 | 2.4 | 2.3 | 2.4 | 2.2 | 1.7 | 1.3 | 0.9 | 0.7 | 0.6 | 0.4 | 0.5 | 0.3 | 0.5 | 0.3 | 0.4 | 0.3 |
| 15-19 | 3.9 | 3.1 | 4.0 | 3.7 | 2.6 | 2.2 | 1.3 | 1.1 | 0.9 | 0.6 | 0.9 | 0.5 | 1.8 | 0.7 | 1.3 | 0.5 |
| 20-24 | 5.3 | 4.6 | 5.8 | 5.4 | 3.4 | 3.2 | 1.7 | 1.6 | 1.3 | 0.9 | 1.5 | 0.7 | 2.9 | 0.9 | 2.5 | 0.8 |
| 25-29 | 6.9 | 5.9 | 6.5 | 6.9 | 3.8 | 3.4 | 2.2 | 2.0 | 1.4 | 1.2 | 1.7 | 1.0 | 2.8 | 1.1 | 3.0 | 0.9 |
| 30-34 | 9.6 | 7.6 | 7.7 | 7.0 | 5.1 | 4.1 | 3.1 | 2.4 | 2.0 | 1.6 | 2.4 | 1.6 | 3.3 | 1.7 | 3.4 | 1.2 |
| 35-39 | 13.0 | 9.3 | 9.2 | 7.3 | 7.0 | 5.0 | 4.5 | 3.2 | 3.2 | 2.2 | 3.5 | 2.3 | 4.8 | 2.5 | 4.0 | 1.8 |
| 40-44 | 16.5 | 11.2 | 10.9 | 9.0 | 10.1 | 6.9 | 7.0 | 4.8 | 5.5 | 3.6 | 5.6 | 3.5 | 6.7 | 3.6 | 5.6 | 2.7 |
| 45-49 | 20.8 | 14.3 | 15.2 | 12.1 | 14.8 | 10.5 | 11.7 | 7.4 | 8.9 | 5.3 | 8.6 | 5.0 | 9.5 | 5.3 | 8.4 | 4.2 |
| 50-54 | 26.5 | 19.1 | 20.6 | 16.3 | 22.0 | 15.0 | 17.2 | 11.5 | 14.5 | 8.3 | 13.7 | 7.2 | 13.5 | 7.3 | 12.0 | 6.2 |
| 55-59 | 37.0 | 28.8 | 30.1 | 24.8 | 32.0 | 23.4 | 25.9 | 17.5 | 22.6 | 12.8 | 19.7 | 9.8 | 19.8 | 9.9 | 16.5 | 8.7 |
| 60-64 | 51.4 | 44.1 | 40.8 | 33.8 | 44.7 | 35.3 | 37.9 | 26.8 | 32.9 | 20.5 | 30.0 | 15.8 | 28.3 | 13.4 | 24.1 | 12.8 |
| 65-69 | 68.5 | 58.9 | 60.1 | 55.0 | 62.0 | 50.2 | 55.0 | 40.8 | 46.2 | 29.7 | 43.4 | 24.2 | 41.1 | 20.3 | 34.1 | 17.9 |
| 70-74 | 89.6 | 81.2 | 85.1 | 79.5 | 84.3 | 73.3 | 78.9 | 62.5 | 68.0 | 49.7 | 61.1 | 40.7 | 57.3 | 32.6 | 49.9 | 26.7 |
| 75-79 | 127.3 | 114.4 | 116.2 | 107.6 | 120.7 | 109.2 | 111.4 | 93.3 | 95.9 | 77.0 | 87.7 | 65.6 | 83.1 | 55.3 | 69.9 | 41.0 |
| 80-84 | 167.4 | 159.6 | 162.6 | 143.6 | 170.9 | 151.2 | 149.8 | 141.5 | 134.0 | 121.2 | 138.9 | 117.1 | 120.3 | 91.7 | 106.2 | 72.3 |
| 85&Over | 257.4 | 232.3 | 224.8 | 210.2 | 242.8 | 227.5 | 230.5 | 222.2 | 202.8 | 183.8 | 206.6 | 198.3 | 167.0 | 155.6 | 179.1 | 147.7 |

*As Census date is the midpoint of the period presented, only two years are used for 1919-'20 calculation, the Census having been made on Jan. 1, 1920.

**Table 8. Age-Adjusted Death Rates (a) Certain Causes,
Per 100,000 Population, New York City, 1901-1981**

| Cause of Death | 1901-'03 | 1909-'11 | 1919-'20 | 1929-'31 | 1939-'41 | 1949-'51 | 1959-'61 | 1969-'71 | 1979-'81 |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| All causes | 2,324.2 | 1,934.1 | 1,691.4 | 1,449.0 | 1,128.1 | 885.8 | 813.3 | 771.1 | 655.8 |
| Respiratory tuberculosis | 241.0 | 191.4 | 143.7 | 73.7 | 48.6 | 25.2 | 7.3 | 3.0 | 0.9 |
| Other forms of tuberculosis | 31.2 | 25.2 | 22.0 | 10.9 | 5.2 | 2.1 | 0.5 | 0.3 | 0.2 |
| Influenza and pneumonia | 302.8 | 260.8 | 301.7 | 178.6 | 60.3 | 30.7 | 36.4 | 29.0 | 20.7 |
| Malignant neoplasms (b) | 116.8 | 124.8 | 134.3 | 156.0 | 176.9 | 170.6 | 162.9 | 161.2 | 154.3 |
| Diabetes | 23.3 | 25.4 | 26.5 | 35.8 | 43.6 | 17.0 | 14.8 | 15.9 | 11.8 |
| Appendicitis | 13.4 | 13.6 | 14.6 | 16.9 | 9.4 | 2.3 | 1.2 | 0.5 | 0.2 |
| Nephritis | 244.8 | 181.9 | 141.6 | 63.3 | 52.6 | 6.7 | 5.5 | 3.5 | 2.7 |
| Diseases of circulatory system | 258.6 | 383.2 | 427.7 | 506.7 | 421.1 | 404.8 | 355.8 | 306.6 | 294.0 |
| Cardiovascular-Renal | 634.8 | 599.3 | 601.1 | 582.5 | 515.4 | 444.0 | 416.1 | 356.7 | 296.8 |
| Total accidents | 108.2 | 87.8 | 73.8 | 81.3 | 55.9 | 38.4 | 28.1 | 22.7(d) | 17.5 |
| Auto accidents | (c) | (c) | 14.9 | 22.6 | 12.8 | 7.3 | 7.7 | 11.0 | 7.8 |
| Other accidents | (c) | (c) | 58.9 | 58.7 | 43.1 | 31.0 | 20.3 | 11.6 | 9.6 |
| Suicide | 26.8 | 21.2 | 14.1 | 21.3 | 14.3 | 9.7 | 9.2 | 6.4(d) | 10.0 |
| Homicide | 3.6 | 5.1 | 6.2 | 8.0 | 4.4 | 4.0 | 5.3 | 14.0 | 23.0 |

(a) For 1901-'03 and 1909-'11 rates are adjusted for age and sex; for all other years rates are adjusted for age, sex and color. Standard is the population of the United States in 1940.

(b) Under malignant neoplasms in the sixth and later revisions are included deaths from Hodgkin's disease, leukemia and aleukemia, and mycosis fungoides to which 643, 1,916 and 22 deaths respectively were assigned to the three-year period 1949-1951. The adjusted rate for these 2,581 deaths was 10.0 per 100,000.

(c) Data not available for 1901-1911.

(d) Accidents and suicides not strictly comparable with previous years figures.

**Table 9. Deaths from Injury Undertermined
Whether Accidentally or Purposely Inflicted, By Age, New York City, 1981**

| Type of Injury | All Ages | Age Group | | | | | | |
|--------------------------------------|----------|-----------|------|-------|-------|-------|-------|-------------|
| | | 0-4 | 5-14 | 15-24 | 25-44 | 45-64 | 65-74 | 75 and over |
| Total | 809 | 42 | 20 | 112 | 289 | 187 | 86 | 73 |
| Poisonings (Gas Excepted) | 61 | — | 1 | 11 | 28 | 17 | 3 | 1 |
| Poisonings by gases and vapors | 10 | — | 1 | 2 | 2 | 3 | 1 | 1 |
| Hanging and strangulation | 9 | — | — | 2 | 1 | 5 | 1 | — |
| Submersion (Drowning) | 78 | 1 | — | 8 | 40 | 13 | 12 | 4 |
| Firearms and explosives | 18 | — | — | 7 | 8 | 1 | 1 | 1 |
| Cutting and piercing | 7 | — | — | 1 | 2 | 4 | — | — |
| Falling from high places | 80 | 4 | 2 | 14 | 27 | 14 | 11 | 8 |
| Other and unspecified | 546 | 37 | 16 | 67 | 181 | 130 | 57 | 58 |

Table 10. Deaths from Accidents* By Age, New York City, 1981

| Type of Accident | All Ages | 0-4 | 5-14 | 15-24 | 25-44 | 45-64 | 65-74 | 75 and over |
|---------------------------------------|----------|-----|------|-------|-------|-------|-------|-------------|
| Total | 1,393 | 68 | 63 | 159 | 314 | 296 | 168 | 325 |
| Occupational | 45 | — | — | 5 | 17 | 21 | 2 | — |
| Home | 467 | 43 | 18 | 21 | 74 | 98 | 53 | 160 |
| Poisonings (gas excepted)..... | 1 | — | — | 1 | — | — | — | — |
| Poisonings by gases and vapors..... | 7 | — | — | 1 | 5 | — | 1 | — |
| Fire and flames | 118 | 14 | 9 | 7 | 25 | 33 | 12 | 18 |
| Suffocation..... | 25 | 7 | — | 1 | 4 | 5 | 4 | 4 |
| Falls | 280 | 15 | 5 | 8 | 33 | 54 | 33 | 132 |
| Other home accidents..... | 36 | 7 | 4 | 3 | 7 | 6 | 3 | 6 |
| Motor Vehicles..... | 542 | 18 | 31 | 96 | 158 | 90 | 75 | 74 |
| Injury to pedestrian | 273 | 16 | 27 | 18 | 52 | 44 | 55 | 61 |
| Collision with other motor vehicles.. | 123 | 1 | 2 | 34 | 44 | 28 | 7 | 7 |
| Collision with fixed object | 78 | — | 1 | 29 | 33 | 5 | 7 | 3 |
| Non-collision | 23 | 1 | — | 3 | 11 | 6 | 2 | — |
| Other motor vehicle | 45 | — | 1 | 12 | 18 | 7 | 4 | 3 |
| Public Non-Motor Vehicle | 330 | 7 | 13 | 37 | 62 | 85 | 37 | 89 |
| Subway and elevated train..... | 29 | — | 1 | 5 | 14 | 8 | — | 1 |
| Air transportation | 0 | — | — | — | — | — | — | — |
| Fire, explosion | 8 | 1 | 1 | 1 | 1 | 3 | — | 1 |
| Drowning | 29 | 3 | 3 | 11 | 6 | 6 | — | — |
| Falls | 135 | 1 | 3 | 8 | 15 | 24 | 23 | 61 |
| Other public..... | 129 | 2 | 5 | 12 | 26 | 44 | 14 | 26 |
| Type Unknown | 9 | — | 1 | — | 3 | 2 | 1 | 2 |

*Including 18 deaths occurring in New York City as a result of accidents out of city.

Table 11. Deaths from Suicides, By Age, New York City, 1981

| Type of Suicide | All Ages | 0-4 | 5-14 | 15-24 | 25-44 | 45-64 | 65-74 | 75 and over |
|--|----------|-----|------|-------|-------|-------|-------|-------------|
| Total | 641 | — | 5 | 89 | 279 | 140 | 70 | 58 |
| Solid or Liquid Substances | 73 | — | — | 6 | 30 | 25 | 3 | 9 |
| Gases in Domestic use..... | — | — | — | — | — | — | — | — |
| Other gases | 4 | — | — | 1 | 1 | 1 | 1 | — |
| Hanging, Strangulation and Suffocation | 150 | — | 2 | 18 | 61 | 28 | 23 | 18 |
| Submersion (drownings) | 12 | — | — | 2 | 5 | 2 | 1 | 2 |
| Firearms and Explosives | 115 | — | 1 | 25 | 60 | 17 | 8 | 4 |
| Cutting and Piercing..... | 14 | — | — | — | 5 | 5 | 2 | 2 |
| Jumping from high places..... | 228 | — | 1 | 33 | 92 | 50 | 30 | 22 |
| Other and Unspecified | 45 | — | 1 | 4 | 25 | 12 | 2 | 1 |

Table 12. Deaths from Homicides, By Age, New York City, 1981

| Type of Homicide | All Ages | 0-4 | 5-14 | 15-24 | 25-44 | 45-64 | 65-74 | 75 and over |
|-------------------------------------|----------|-----|------|-------|-------|-------|-------|-------------|
| Total | 1,992 | 24 | 44 | 550 | 963 | 311 | 54 | 46 |
| Fight, Brawl, or Rape | 1 | — | — | — | 1 | — | — | — |
| Corrosive or Caustic Substance..... | — | — | — | — | — | — | — | — |
| Poisoning | — | — | — | — | — | — | — | — |
| Hanging and Strangulation | 72 | 2 | 3 | 20 | 23 | 8 | 4 | 12 |
| Submersion (drowning)..... | 4 | 1 | — | — | 3 | — | — | — |
| Firearms and Explosives | 1,212 | — | 11 | 400 | 621 | 156 | 20 | 4 |
| Cutting and Piercing..... | 432 | 2 | 10 | 83 | 225 | 98 | 10 | 4 |
| Child Battering..... | 11 | 10 | 1 | — | — | — | — | — |
| Other and Unspecified | 245 | 9 | 19 | 41 | 82 | 48 | 20 | 26 |
| Late Effect | — | — | — | — | — | — | — | — |
| Legal Intervention | 15 | — | — | 6 | 8 | 1 | — | — |

Table 13.

Deaths and Crude Death Rates per

| CAUSE | 1901- | 1906- | 1911- | 1916- | 1921- | 1926- | 1931- |
|---|--------|--------|--------|--------|--------|--------|--------|
| | 1905 | 1910 | 1915 | 1920 | 1925 | 1930 | 1935 |
| Infant deaths (under 1 yr.) | 15,611 | 16,609 | 14,060 | 12,004 | 8,895 | 7,662 | 5,521 |
| Rate (a) | 120.8 | 115.2 | 100.0 | 88.2 | 68.9 | 61.0 | 52.0 |
| Neonatal deaths (under 28 days) | (b) | (b) | 5,143 | 4,894 | 4,309 | 3,892 | 3,152 |
| Rate (a) | ... | ... | 37.4 | 36.0 | 33.0 | 31.0 | 29.7 |
| Infant deaths (under 7 days) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Rate (a) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Fetal deaths (28 wks. gestation & over) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Ratio (a) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Perinatal rate (c) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Measles (55) | 616 | 925 | 630 | 559 | 405 | 255 | 107 |
| Rate (d) | 144.0 | 191.8 | 119.8 | 100.5 | 73.2 | 46.8 | 21.4 |
| Meningococcus men. (36) | 846 | 485 | 185 | 184 | 106 | 305 | 142 |
| Rate | 22.3 | 10.8 | 3.7 | 3.4 | 1.7 | 4.6 | 2.0 |
| Tuberculosis of resp. sys. (10-12) | 8,154 | 8,832 | 8,745 | 7,915 | 4,937 | 4,574 | 4,068 |
| Rate | 215.4 | 197.5 | 173.2 | 144.1 | 80.0 | 68.2 | 57.3 |
| Other tuberculosis (13-18) | 1,246 | 1,288 | 1,415 | 1,189 | 754 | 670 | 498 |
| Rate | 32.9 | 28.8 | 28.0 | 21.6 | 12.2 | 10.0 | 7.0 |
| Influenza (487) | 449 | 412 | 393 | 4,480 | 725 | 874 | 625 |
| Rate | 11.9 | 9.2 | 7.8 | 81.6 | 11.7 | 13.0 | 8.8 |
| Pneumonia (480-486) | 9,976 | 10,573 | 10,135 | 12,656 | 8,210 | 9,115 | 7,580 |
| Rate | 263.5 | 236.4 | 200.7 | 230.4 | 133.0 | 136.0 | 106.7 |
| Other respiratory (460-478, 490-519) | 3,224 | 2,307 | 1,458 | 1,407 | 689 | 622 | 594 |
| Rate | 85.2 | 51.6 | 38.9 | 25.6 | 11.2 | 9.3 | 8.4 |
| Malignant neoplasms (140-208) | 2,621 | 3,334 | 4,256 | 4,993 | 6,229 | 7,637 | 9,062 |
| Rate | 69.2 | 74.5 | 84.3 | 90.9 | 100.9 | 113.9 | 127.6 |
| Diabetes (250) | 520 | 690 | 916 | 1,063 | 1,284 | 1,624 | 2,140 |
| Rate | 13.7 | 15.4 | 18.1 | 19.4 | 20.8 | 24.2 | 30.1 |
| Cirrhosis of Liver (571) | 814 | 1,076 | 900 | 500 | 338 | 413 | 584 |
| Rate | 21.5 | 24.1 | 17.8 | 9.1 | 5.5 | 6.2 | 8.2 |
| Nephritis (580-589) | 5,752 | 5,600 | 5,499 | 5,676 | 4,108 | 3,411 | 3,608 |
| Rate | 151.9 | 125.2 | 108.9 | 103.4 | 50.9 | 50.8 | 50.9 |
| Circulatory system (390-459) | 5,954 | 9,148 | 12,699 | 14,792 | 18,114 | 21,815 | 23,706 |
| Rate | 157.3 | 204.5 | 251.5 | 269.3 | 293.3 | 325.5 | 333.8 |
| Vascular lesions (430-438)* | 2,593 | 1,790 | 970 | 834 | 719 | 723 | 1,333 |
| Rate | 68.4 | 40.0 | 19.2 | 15.2 | 11.6 | 10.8 | 20.2 |
| Drug dependence (304) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Rate | ... | ... | ... | ... | ... | ... | ... |
| Suicides (950-959) | 761 | 825 | 686 | 742 | 842 | 1,163 | 1,369 |
| Rate | 20.1 | 18.4 | 17.2 | 13.5 | 13.6 | 17.4 | 19.3 |
| Homicides (960-978) 990-999) | 143 | 247 | 293 | 271 | 334 | 405 | 522 |
| Rate | 3.8 | 5.5 | 5.8 | 4.9 | 5.4 | 6.0 | 7.4 |
| Automobile accidents (810-825) | (b) | (b) | 253 | 658 | 929 | 1,175 | 1,167 |
| Rate | (b) | (b) | 5.0 | 12.0 | 15.0 | 17.5 | 16.4 |
| Home accidents* | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Rate | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Other accidents | 3,521 | 3,549 | 3,516 | 3,426 | 3,138 | 3,574 | 3,205 |
| Rate | 93.0 | 79.3 | 69.3 | 62.4 | 50.8 | 53.3 | 45.1 |
| Injury undetermined (980-989) | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| Rate | ... | ... | ... | ... | ... | ... | ... |
| Puerperal diseases (630-676) | 694 | 745 | 694 | 664 | 689 | 651 | 608 |
| Rate—per 10,000 live births | 53.7 | 51.7 | 49.4 | 48.8 | 52.8 | 51.8 | 57.3 |

Numbers following disease names are numbers of the International Classification of Diseases, 9th Revision. (a) Rates are per 1,000 live births. (b) Not available. (c) Fetal deaths (28 wks+) plus infant deaths (-7 days) per 1,000 live births plus fetal deaths (28 wks+). (d) Rates for measles per 100,000 population under five years.

*Coding changed causing discontinuities for indicated causes of deaths in 1935, 1956, 1958. See earlier issues.

er 100,000 Population, New York City, 1901 to 1981

ANNUAL AVERAGE

| 1936-1940 | 1941-1945 | 1946-1948 | 1949-1951 | 1952-1955 | 1956-1960 | 1961-1965 | 1966-1970 | 1971-1975 | 1976-1980 | 1981 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| 4,079 | 3,828 | 4,298 | 3,882 | 4,021 | 4,290 | 4,333 | 3,477 | 2,312 | 1,875 | 1,678 |
| 39.8 | 30.3 | 26.8 | 24.5 | 24.6 | 25.7 | 26.2 | 23.6 | 19.9 | 17.4 | 15.5 |
| 2,631 | 2,764 | 3,298 | 2,989 | 3,032 | 3,220 | 3,226 | 2,602 | 1,714 | 1,333 | 1,144 |
| 25.7 | 21.9 | 20.5 | 18.9 | 18.5 | 19.3 | 19.5 | 17.7 | 14.8 | 12.3 | 10.5 |
| 2,110 | 2,338 | 2,845 | 2,604 | 2,713 | 2,909 | 2,922 | 2,351 | 1,480 | 1,131 | 967 |
| 20.5 | 18.5 | 17.7 | 16.4 | 16.6 | 17.4 | 17.7 | 16.0 | 12.8 | 10.5 | 8.9 |
| 2,589 | 2,709 | 2,902 | 2,441 | 2,310 | 2,362 | 2,276 | 1,885 | 1,288 | 835 | 735 |
| 25.3 | 21.4 | 18.1 | 15.4 | 14.1 | 14.1 | 13.8 | 12.8 | 11.1 | 7.7 | 6.8 |
| 44.7 | 39.1 | 35.1 | 31.3 | 30.3 | 31.1 | 31.0 | 28.4 | 23.6 | 18.1 | 15.6 |
| 31 | 14 | 16 | 10 | 12 | 12 | 8 | 2 | 1 | 0 | 0 |
| 6.5 | 2.6 | 2.4 | 1.4 | 1.8 | 1.8 | 1.1 | 0.2 | 0.2 | ... | ... |
| 87 | 135 | 40 | 32 | 34 | 27 | 24 | 19 | 10 | 16 | 15 |
| 1.2 | 1.8 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.2 | 0.2 |
| 3,680 | 3,281 | 2,932 | 2,173 | 1,178 | 824 | 624 | 432 | 235 | 141 | 121 |
| 50.0 | 43.2 | 37.7 | 27.4 | 15.0 | 10.6 | 8.0 | 5.5 | 3.1 | 2.0 | 1.7 |
| 345 | 304 | 229 | 172 | 97 | 52 | 43 | 39 | 32 | 22 | 34 |
| 4.7 | 4.0 | 2.9 | 2.2 | 1.2 | 0.7 | 0.5 | 0.5 | 0.4 | 0.3 | 0.5 |
| 250 | 108 | 48 | 57 | 51 | 68 | 32 | 63 | 27 | 35 | 13 |
| 3.4 | 1.4 | 0.6 | 0.7 | 0.6 | 0.9 | 0.4 | 0.8 | 0.3 | 0.5 | 0.2 |
| 5,087 | 3,345 | 2,966 | 2,412 | 2,613 | 3,391 | 3,362 | 3,499 | 3,137 | 2,965 | 2,554 |
| 69.1 | 44.0 | 38.2 | 30.4 | 33.2 | 43.4 | 42.9 | 44.4 | 41.0 | 41.0 | 36.1 |
| 536 | 492 | 424 | 450 | 461 | 651 | 960 | 1,425 | 1,627 | 1,583 | 1,629 |
| 7.3 | 6.5 | 5.5 | 5.7 | 5.9 | 8.3 | 12.3 | 18.1 | 21.3 | 21.9 | 23.0 |
| 11,257 | 13,169 | 14,627 | 15,556 | 16,553 | 16,869 | 17,398 | 17,814 | 17,315 | 16,549 | 16,147 |
| 152.9 | 173.3 | 188.2 | 196.0 | 210.6 | 216.1 | 222.1 | 226.3 | 226.3 | 228.7 | 228.4 |
| 2,787 | 3,131 | 3,423 | 1,583 | 1,644 | 1,581 | 1,789 | 1,867 | 2,064 | 1,547 | 1,501 |
| 37.9 | 41.2 | 44.0 | 19.9 | 20.9 | 20.3 | 22.9 | 23.7 | 27.0 | 21.4 | 21.2 |
| 922 | 1,052 | 1,365 | 1,500 | 1,440 | 1,858 | 2,386 | 2,936 | 2,440 | 2,185 | 1,975 |
| 12.5 | 13.8 | 17.5 | 19.2 | 18.3 | 23.8 | 30.5 | 37.3 | 31.9 | 30.2 | 27.9 |
| 3,675 | 3,081 | 2,574 | 570 | 556 | 573 | 509 | 447 | 372 | 381 | 330 |
| 40.6 | 40.6 | 33.1 | 7.2 | 7.1 | 7.3 | 6.5 | 5.7 | 4.9 | 5.3 | 4.7 |
| 25,711 | 30,886 | 32,539 | 36,206 | 37,724 | 38,988 | 39,943 | 41,918 | 40,639 | 37,978 | 37,800 |
| 349.2 | 406.6 | 418.7 | 456.3 | 479.9 | 499.5 | 510.2 | 532.4 | 531.1 | 524.8 | 534.6 |
| 3,846 | 3,611 | 3,710 | 5,099 | 5,688 | 6,013 | 6,174 | 6,277 | 5,433 | 4,174 | 3,430 |
| 52.2 | 47.5 | 47.7 | 64.3 | 72.4 | 77.0 | 78.9 | 79.7 | 71.0 | 57.7 | 48.5 |
| (b) | (b) | (b) | (b) | 81 | 96 | 263 | 551 | 677 | 414 | 511 |
| ... | ... | ... | ... | 1.0 | 1.2 | 3.4 | 7.0 | 8.8 | 5.7 | 7.2 |
| 1,191 | 907 | 930 | 863 | 649 | 711 | 908 | 680 | 641 | 711 | 641 |
| 16.2 | 11.9 | 12.0 | 10.9 | 8.3 | 9.1 | 11.6 | 8.6 | 8.4 | 9.8 | 9.1 |
| 351 | 265 | 362 | 318 | 340 | 366 | 592 | 992 | 1,663 | 1,700 | 1,942 |
| 4.5 | 3.5 | 4.7 | 4.0 | 4.3 | 4.7 | 7.6 | 12.6 | 21.7 | 23.5 | 27.5 |
| 920 | 728 | 635 | 600 | 634 | 655 | 714 | 887 | 834 | 606 | 542 |
| 12.5 | 9.6 | 8.2 | 7.6 | 8.1 | 8.4 | 9.1 | 11.3 | 10.9 | 8.4 | 7.7 |
| 1,546 | 1,823 | 1,941 | 1,699 | 1,568 | 1,095 | 951 | 871 | 755 | 525 | 467 |
| 21.0 | 24.0 | 25.0 | 21.4 | 19.9 | 14.0 | 12.1 | 11.1 | 9.9 | 7.3 | 6.6 |
| 1,561 | 1,268 | 1,314 | 1,008 | 882 | 996 | 996 | 859 | 484 | 401 | 384 |
| 21.2 | 16.7 | 16.9 | 12.7 | 11.2 | 12.8 | 12.7 | 10.9 | 6.3 | 5.5 | 5.4 |
| (b) | (b) | (b) | (b) | (b) | (b) | (b) | 946 | 1,062 | 699 | 809 |
| ... | ... | ... | ... | ... | ... | ... | 10.9 | 13.9 | 9.7 | 11.4 |
| 372 | 255 | 178 | 115 | 102 | 107 | 109 | 73 | 36 | 28 | 33 |
| 36.3 | 20.2 | 11.1 | 7.3 | 6.2 | 6.4 | 6.6 | 5.0 | 3.1 | 2.6 | 3.0 |

Revision of the International Classification and Major Code Changes

5th Revision 1939

6th Revision 1949 - Major changes, see summaries of 1961 and earlier for comparability ratios.

7th Revision 1959

8th Revision 1969 - New rubric of "Undetermined Injury", thereby making accidents and suicides not comparable with previous years figures.

9th Revision 1979

For summaries for details.

Table 14.

Live Births by Certain Characteristics and Deaths from Selected Causes

| | LIVE BIRTHS | | | | | | | | INFANT MORTALITY | | NEONATAL MORTALITY | | |
|------------------------------------|--------------------|----------------|------------------------------------|---------------|--|----------------------|------------------------|---------------------|-------------------------------------|-------|--|-------|------|
| | (1) Number Rate | | PERCENT OF TOTAL BIRTHS | | | | | | UNDER 1 YR OF AGE Number Rate(2) | | UNDER 28 DAYS OF AGE Number Rate(2) | | |
| | | | Mothers Descent or Origin | Under 2501 | Late or No Pre- natal Care | To Teen- agers | Out of Wed- lock | On Medi- caid | | | | | |
| | | Puerto Rico | Non- white | grams | | | | | | | | | |
| NEW YORK CITY | 108,547 | 15.4 | 16.7 | 40.6 | 8.9 | 18.0 | 12.9 | 35.5 | 32.4 | 1,678 | 15.5 | 1,144 | 10.5 |
| KNOWN RESIDENTS | 101,247 | † | † | † | † | † | † | † | † | 1,465 | † | 982 | † |
| MANHATTAN | 16,876 | 11.8 | 16.2 | 41.4 | 9.3 | 21.3 | 12.4 | 39.2 | 40.6 | 209 | 12.4 | 129 | 7.6 |
| Central Harlem | 1,609 | 13.2 | 4.2 | 95.2 | 19.6 | 33.8 | 23.1 | 79.2 | 69.9 | 34 | 21.1 | 14 | 8.7 |
| East Harlem | 1,800 | 14.4 | 47.3 | 54.6 | 11.9 | 24.8 | 20.1 | 59.2 | 61.3 | 23 | 12.8 | 13 | 7.2 |
| Kips Bay-Yorkville | 1,835 | 7.9 | 2.2 | 17.8 | 5.9 | 9.1 | 10.3 | 15.3 | 8.8 | 12 | 6.5 | 8 | 4.4 |
| Lower East Side | 2,705 | 11.8 | 28.0 | 34.4 | 8.9 | 18.4 | 10.7 | 31.3 | 34.1 | 36 | 13.3 | 22 | 8.1 |
| Lower West Side | 2,049 | 7.6 | 9.7 | 25.1 | 8.0 | 15.3 | 5.0 | 21.1 | 15.3 | 25 | 12.2 | 15 | 7.3 |
| Riverside | 2,104 | 10.2 | 13.0 | 40.9 | 7.6 | 19.3 | 10.9 | 36.4 | 34.5 | 28 | 13.3 | 18 | 8.6 |
| Washington Heights | 4,774 | 19.7 | 11.3 | 38.4 | 7.5 | 25.5 | 11.4 | 40.8 | 52.2 | 51 | 10.7 | 39 | 8.2 |
| BRONX | 18,999 | 16.3 | 37.8 | 44.1 | 10.8 | 25.2 | 18.7 | 52.4 | 48.4 | 291 | 15.3 | 184 | 9.7 |
| Fordham-Riverdale | 3,376 | 14.4 | 38.0 | 32.7 | 8.6 | 19.6 | 13.7 | 42.6 | 42.8 | 45 | 13.3 | 28 | 8.3 |
| Morrisania | 2,946 | 21.9 | 36.5 | 57.4 | 14.0 | 31.1 | 23.7 | 67.3 | 64.7 | 59 | 20.0 | 36 | 12.2 |
| Mott Haven | 2,265 | 18.3 | 56.2 | 38.4 | 11.5 | 39.3 | 27.5 | 64.5 | 55.7 | 28 | 12.4 | 18 | 7.9 |
| Pelham Bay | 2,553 | 11.6 | 17.5 | 59.2 | 9.4 | 17.4 | 12.4 | 37.0 | 27.3 | 31 | 12.1 | 25 | 9.8 |
| Tremont | 4,124 | 23.8 | 43.0 | 49.5 | 11.9 | 28.7 | 23.0 | 68.6 | 66.8 | 92 | 22.3 | 54 | 13.1 |
| Westchester | 3,735 | 13.2 | 35.8 | 31.2 | 9.4 | 18.4 | 13.5 | 35.0 | 30.2 | 36 | 9.6 | 23 | 6.2 |
| BROOKLYN | 38,285 | 17.2 | 16.5 | 47.2 | 9.2 | 19.0 | 15.2 | 40.6 | 37.7 | 619 | 16.2 | 412 | 10.8 |
| Bay Ridge | 2,852 | 11.4 | 7.9 | 7.6 | 5.5 | 6.5 | 6.1 | 10.1 | 12.7 | 16 | 5.6 | 14 | 4.9 |
| Bedford | 4,502 | 21.6 | 3.4 | 89.3 | 13.6 | 25.9 | 20.6 | 64.2 | 52.7 | 113 | 25.1 | 77 | 17.1 |
| Brownsville | 4,981 | 18.4 | 15.2 | 67.9 | 10.6 | 21.8 | 20.3 | 53.9 | 46.9 | 96 | 19.3 | 58 | 11.6 |
| Bushwick | 3,735 | 22.4 | 43.8 | 41.7 | 10.8 | 27.2 | 23.6 | 59.3 | 62.1 | 67 | 17.9 | 38 | 10.2 |
| Flatbush | 8,449 | 17.6 | 5.7 | 59.2 | 8.3 | 16.4 | 9.3 | 33.1 | 22.7 | 125 | 14.8 | 90 | 10.7 |
| Fort Greene | 2,742 | 18.7 | 16.2 | 74.2 | 11.5 | 27.3 | 23.0 | 61.4 | 47.4 | 60 | 21.9 | 41 | 15.0 |
| Gravesend | 3,215 | 11.2 | 8.0 | 18.5 | 6.9 | 12.4 | 9.5 | 17.2 | 16.5 | 41 | 12.8 | 25 | 7.8 |
| Red Hook-Gowanus | 1,528 | 13.4 | 31.4 | 33.3 | 9.5 | 16.9 | 17.7 | 43.3 | 42.3 | 25 | 16.4 | 16 | 10.5 |
| Sunset Park | 3,207 | 19.5 | 28.6 | 10.9 | 6.7 | 12.2 | 12.8 | 26.3 | 32.8 | 36 | 11.2 | 25 | 7.8 |
| Williamsburg-Greenpoint | 3,074 | 21.6 | 31.6 | 13.6 | 7.3 | 21.0 | 13.7 | 30.0 | 52.2 | 40 | 13.0 | 28 | 9.1 |
| QUEENS | 22,370 | 11.8 | 6.3 | 38.9 | 7.5 | 14.5 | 9.4 | 23.8 | 17.1 | 285 | 12.7 | 206 | 9.2 |
| Astoria-Long Island City | 3,107 | 13.0 | 7.0 | 25.7 | 6.5 | 15.6 | 8.4 | 18.0 | 12.9 | 46 | 14.8 | 31 | 10.0 |
| Corona | 3,947 | 15.0 | 6.1 | 37.4 | 7.1 | 18.6 | 7.5 | 21.9 | 15.8 | 46 | 11.7 | 33 | 8.4 |
| Flushing | 4,059 | 9.2 | 3.1 | 25.2 | 6.1 | 7.4 | 3.4 | 9.0 | 4.4 | 44 | 10.8 | 36 | 8.9 |
| Jamaica East | 4,208 | 13.1 | 4.3 | 82.3 | 10.5 | 18.6 | 17.3 | 47.0 | 28.7 | 81 | 19.2 | 55 | 13.1 |
| Jamaica West | 4,453 | 12.8 | 10.7 | 37.2 | 8.0 | 15.2 | 13.2 | 30.0 | 26.0 | 54 | 12.1 | 41 | 9.2 |
| Maspeth-Forest Hills | 2,596 | 9.4 | 6.7 | 11.4 | 5.6 | 10.1 | 3.7 | 9.0 | 9.6 | 14 | 5.4 | 10 | 3.9 |
| RICHMOND | 4,717 | 13.4 | 4.8 | 16.3 | 6.6 | 6.3 | 6.8 | 14.0 | 12.4 | 61 | 12.9 | 51 | 10.8 |
| NON-RESIDENTS | 7,204 | ... | ... | ... | ... | ... | ... | ... | ... | 201 | ... | 151 | ... |
| RESIDENCE UNKNOWN | 96 | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 11 | ... |

(1) Rate per 1,000 population.

(2) Rate per 1,000 live births.

(3) Standard is population of U.S. 1940.

(4) Rate per 100,000 population.

† This figure is not computed because known resident totals include only events occurring in New York City to known residents, and do not include events occurring outside of city to New York residents.

| DEATHS | | | | | | | | | | | | | | | |
|-----------------------------------|------------------|---------|----------------------------------|----------------------------------|---------|---------------------|---------|-------------------------|---------|-------------------------|---------|--------------------|---------|----------|---------|
| POPULATION ESTIMATES July 1, 1980 | Deaths All Cases | | (3) 1980 Age Adjusted Death Rate | Ischemic and Other Heart Disease | | Malignant Neoplasms | | Cerebrovascular Disease | | Pneumonia and Influenza | | Cirrhosis of Liver | | Homicide | |
| | No. | Rate(1) | | No. | Rate(4) | No. | Rate(4) | No. | Rate(4) | No. | Rate(4) | No. | Rate(4) | No. | Rate(4) |
| 7,071,030 | 73,329 | 10.4 | 7.0 | 31,697 | 448.3 | 16,147 | 228.4 | 3,430 | 48.5 | 2,567 | 36.3 | 1,975 | 27.9 | 1,992 | 28.2 |
| | 65,969 | † | † | 28,713 | † | 14,279 | † | 3,140 | † | 2,284 | † | 1,839 | † | 1,809 | † |
| 1,427,533 | 14,127 | 9.9 | 6.6 | 5,443 | 381.3 | 3,153 | 2,209 | 677 | 47.4 | 568 | 39.8 | 576 | 40.3 | 452 | 31.7 |
| 121,995 | 2,120 | 17.4 | 12.2 | 622 | 509.9 | 446 | 365.6 | 102 | 83.6 | 82 | 67.2 | 145 | 118.9 | 116 | 95.1 |
| 124,812 | 1,246 | 10.0 | 7.9 | 488 | 391.0 | 231 | 185.1 | 53 | 42.5 | 51 | 40.9 | 67 | 53.7 | 51 | 40.9 |
| 231,749 | 2,069 | 8.9 | 4.6 | 888 | 383.2 | 557 | 240.3 | 114 | 49.2 | 79 | 34.1 | 37 | 16.0 | 13 | 5.6 |
| 229,389 | 2,244 | 9.8 | 6.7 | 880 | 383.6 | 506 | 220.6 | 87 | 37.9 | 86 | 37.5 | 100 | 43.6 | 65 | 28.3 |
| 271,294 | 2,512 | 9.3 | 6.2 | 1,004 | 370.1 | 615 | 226.7 | 116 | 42.8 | 114 | 42.0 | 85 | 31.3 | 56 | 20.6 |
| 206,562 | 1,718 | 8.3 | 6.3 | 665 | 321.9 | 341 | 165.1 | 82 | 39.7 | 84 | 40.7 | 74 | 35.8 | 57 | 27.6 |
| 241,732 | 2,218 | 9.2 | 6.2 | 896 | 370.7 | 457 | 189.1 | 123 | 50.9 | 72 | 29.8 | 68 | 28.1 | 94 | 38.9 |
| 1,169,115 | 10,904 | 9.3 | 6.8 | 4,723 | 404.0 | 2,234 | 191.1 | 480 | 41.1 | 337 | 28.8 | 289 | 24.7 | 408 | 34.9 |
| 234,781 | 2,478 | 10.6 | 6.0 | 1,241 | 528.6 | 490 | 208.7 | 82 | 34.9 | 94 | 40.0 | 38 | 16.2 | 58 | 24.7 |
| 134,388 | 1,126 | 8.4 | 8.8 | 368 | 273.8 | 205 | 152.5 | 50 | 37.2 | 26 | 19.3 | 53 | 39.4 | 87 | 64.7 |
| 124,080 | 857 | 6.9 | 7.9 | 269 | 216.8 | 149 | 120.1 | 54 | 43.5 | 26 | 21.0 | 48 | 38.7 | 65 | 52.4 |
| 219,609 | 2,426 | 11.0 | 5.9 | 1,142 | 520.0 | 536 | 244.1 | 117 | 53.3 | 89 | 40.5 | 37 | 16.8 | 52 | 23.7 |
| 172,959 | 1,160 | 6.7 | 8.0 | 413 | 238.8 | 174 | 100.6 | 38 | 22.0 | 27 | 15.6 | 51 | 29.5 | 90 | 52.0 |
| 283,298 | 2,857 | 10.1 | 6.3 | 1,290 | 455.4 | 680 | 240.0 | 139 | 49.1 | 75 | 26.5 | 62 | 21.9 | 56 | 19.8 |
| 2,231,028 | 20,799 | 9.3 | 6.7 | 9,248 | 414.5 | 4,422 | 198.2 | 878 | 39.4 | 657 | 29.4 | 575 | 25.8 | 640 | 28.7 |
| 249,112 | 2,850 | 11.4 | 5.8 | 1,484 | 595.7 | 604 | 242.5 | 127 | 51.0 | 85 | 34.1 | 57 | 22.9 | 21 | 8.4 |
| 208,653 | 1,858 | 8.9 | 8.4 | 564 | 270.3 | 398 | 190.7 | 101 | 48.4 | 50 | 24.0 | 98 | 47.0 | 94 | 45.1 |
| 271,217 | 2,050 | 7.6 | 7.1 | 808 | 297.9 | 431 | 158.9 | 82 | 30.2 | 60 | 22.1 | 60 | 22.1 | 115 | 42.4 |
| 166,609 | 1,292 | 7.8 | 8.2 | 429 | 257.5 | 239 | 143.4 | 66 | 39.6 | 36 | 21.6 | 71 | 42.6 | 79 | 47.4 |
| 479,533 | 4,141 | 8.6 | 5.9 | 1,956 | 407.9 | 936 | 195.2 | 166 | 34.6 | 124 | 25.9 | 70 | 14.6 | 103 | 21.5 |
| 146,739 | 1,345 | 9.2 | 8.9 | 443 | 301.9 | 245 | 167.0 | 88 | 60.0 | 52 | 35.4 | 58 | 39.5 | 77 | 52.5 |
| 287,940 | 3,600 | 12.5 | 5.9 | 1,933 | 671.3 | 831 | 288.6 | 108 | 37.5 | 120 | 41.7 | 45 | 15.6 | 48 | 16.7 |
| 114,345 | 988 | 8.6 | 7.0 | 402 | 351.6 | 208 | 181.9 | 34 | 29.7 | 44 | 38.5 | 39 | 34.1 | 27 | 23.6 |
| 164,477 | 1,471 | 8.9 | 6.2 | 744 | 452.3 | 291 | 176.9 | 46 | 28.0 | 53 | 32.2 | 31 | 18.8 | 34 | 20.7 |
| 142,403 | 1,204 | 8.5 | 6.9 | 485 | 340.6 | 239 | 167.8 | 60 | 42.1 | 33 | 23.2 | 46 | 32.3 | 42 | 29.5 |
| 1,891,325 | 17,468 | 9.2 | 5.6 | 8,088 | 427.6 | 3,791 | 200.4 | 983 | 52.0 | 650 | 34.4 | 360 | 19.0 | 279 | 14.8 |
| 238,858 | 2,286 | 9.6 | 5.7 | 940 | 393.5 | 529 | 221.5 | 137 | 57.4 | 109 | 45.6 | 61 | 25.5 | 26 | 10.9 |
| 263,235 | 2,163 | 8.2 | 5.3 | 927 | 352.2 | 474 | 180.1 | 126 | 47.9 | 105 | 39.9 | 55 | 20.9 | 37 | 14.1 |
| 442,164 | 3,699 | 8.4 | 4.8 | 1,860 | 420.7 | 803 | 181.6 | 210 | 47.5 | 110 | 24.9 | 53 | 12.0 | 24 | 5.4 |
| 322,261 | 2,572 | 8.0 | 6.2 | 1,071 | 332.3 | 538 | 166.9 | 148 | 45.9 | 99 | 30.7 | 62 | 19.2 | 83 | 25.8 |
| 348,656 | 3,661 | 10.5 | 6.5 | 1,759 | 504.5 | 758 | 217.4 | 172 | 49.3 | 119 | 34.1 | 86 | 24.7 | 86 | 24.7 |
| 276,151 | 3,087 | 11.2 | 5.3 | 1,531 | 554.4 | 689 | 249.5 | 190 | 68.8 | 108 | 39.1 | 43 | 15.6 | 23 | 8.3 |
| 352,029 | 2,671 | 7.6 | 6.0 | 1,211 | 344.0 | 679 | 192.9 | 122 | 34.7 | 72 | 20.5 | 39 | 11.1 | 30 | 8.5 |
| ... | 4,552 | ... | ... | 1,395 | ... | 1,650 | ... | 152 | ... | 99 | ... | 59 | ... | 106 | ... |
| ... | 2,808 | ... | ... | 1,589 | ... | 218 | ... | 138 | ... | 184 | ... | 77 | ... | 77 | ... |

Table 15. Infant and Puerperal Mortality by Ethnic Group, New York City, 1970-1981

| Ethnic Group | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 |
|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Live Births | | | | | | | | | | | | |
| Total | 149,192 | 131,920 | 117,088 | 110,639 | 110,642 | 109,418 | 109,995 | 110,486 | 106,720 | 106,021 | 107,066 | 108,547 |
| Puerto Rican | 24,434 | 21,010 | 17,173 | 15,035 | 14,518 | 13,856 | 13,213 | 12,535 | 11,733 | 10,893 | 10,154 | 9,709 |
| Nonwhite | 44,148 | 39,349 | 36,273 | 35,475 | 36,944 | 38,975 | 39,187 | 41,008 | 39,480 | 40,561 | 43,466 | 43,196 |
| Other | 80,610 | 71,561 | 63,642 | 60,129 | 59,180 | 56,587 | 57,595 | 56,943 | 55,507 | 54,567 | 53,446 | 55,642 |
| Infant Deaths | | | | | | | | | | | | |
| Total | 3,230 | 2,751 | 2,321 | 2,206 | 2,175 | 2,110 | 2,092 | 1,971 | 1,827 | 1,767 | 1,719 | 1,678 |
| Puerto Rican | 471 | 413 | 314 | 293 | 252 | 245 | 206 | 209 | 190 | 160 | 127 | 125 |
| Nonwhite | 1,320 | 1,077 | 923 | 849 | 909 | 925 | 1,009 | 939 | 856 | 809 | 792 | 845 |
| Other | 1,439 | 1,261 | 1,084 | 1,064 | 1,014 | 940 | 877 | 823 | 781 | 798 | 800 | 708 |
| Infant Mortality Rates* | | | | | | | | | | | | |
| Total | 21.6 | 20.9 | 19.8 | 19.9 | 19.7 | 19.3 | 19.0 | 17.8 | 17.1 | 16.7 | 16.1 | 15.5 |
| Puerto Rican | 19.3 | 19.7 | 18.3 | 19.5 | 17.4 | 17.7 | 15.6 | 16.7 | 16.2 | 14.7 | 12.5 | 12.9 |
| Nonwhite | 29.9 | 27.4 | 25.4 | 23.9 | 24.6 | 23.7 | 25.7 | 22.9 | 21.7 | 19.9 | 18.2 | 19.6 |
| Other | 17.9 | 17.6 | 17.0 | 17.7 | 17.1 | 16.6 | 15.2 | 14.5 | 14.1 | 14.6 | 15.0 | 12.7 |
| Deaths Under 28 Days | | | | | | | | | | | | |
| Total | 2,419 | 1,983 | 1,750 | 1,639 | 1,611 | 1,586 | 1,541 | 1,390 | 1,274 | 1,257 | 1,202 | 1,144 |
| Puerto Rican | 357 | 297 | 223 | 220 | 185 | 188 | 153 | 164 | 132 | 109 | 92 | 86 |
| Nonwhite | 965 | 740 | 674 | 617 | 654 | 682 | 756 | 642 | 565 | 567 | 544 | 578 |
| Other | 1,097 | 946 | 853 | 802 | 772 | 716 | 632 | 584 | 577 | 581 | 566 | 480 |
| Neonatal Mortality Rates* | | | | | | | | | | | | |
| Total | 16.2 | 15.0 | 14.9 | 14.8 | 14.6 | 14.5 | 14.0 | 12.6 | 11.9 | 11.9 | 11.2 | 10.5 |
| Puerto Rican | 14.6 | 14.1 | 13.0 | 14.6 | 12.7 | 13.6 | 11.6 | 13.1 | 11.3 | 10.0 | 9.1 | 8.9 |
| Nonwhite | 21.9 | 18.8 | 18.6 | 17.4 | 17.7 | 17.5 | 19.3 | 15.7 | 14.3 | 14.0 | 12.5 | 13.4 |
| Other | 13.6 | 13.2 | 13.4 | 13.3 | 13.0 | 12.7 | 11.0 | 10.3 | 10.4 | 10.6 | 10.6 | 8.6 |
| Puerperal Deaths | | | | | | | | | | | | |
| Total | 68 | 37 | 54 | 36 | 28 | 26 | 32 | 24 | 18 | 27 | 41 | 33 |
| Puerto Rican | 10 | 14 | 9 | 8 | 3 | 0 | 5 | 1 | 0 | 4 | 8 | 1 |
| Nonwhite | 43 | 14 | 34 | 17 | 20 | 17 | 10 | 16 | 11 | 17 | 25 | 20 |
| Other | 15 | 9 | 11 | 11 | 5 | 9 | 17 | 7 | 7 | 6 | 8 | 12 |
| Puerperal Mortality Rates** | | | | | | | | | | | | |
| Total | 4.6 | 2.8 | 4.6 | 3.3 | 2.5 | 2.4 | 2.9 | 2.2 | 1.7 | 2.5 | 3.8 | 3.0 |
| Puerto Rican | 4.1 | 6.7 | 5.2 | 5.3 | 2.1 | - | 3.8 | 0.8 | - | 3.7 | 7.9 | 1.0 |
| Nonwhite | 9.7 | 3.6 | 9.4 | 4.8 | 5.4 | 4.4 | 2.6 | 3.9 | 2.8 | 4.2 | 5.8 | 4.6 |
| Other | 1.9 | 1.3 | 1.7 | 1.8 | 0.8 | 1.6 | 3.0 | 1.2 | 1.3 | 1.1 | 1.5 | 2.2 |

* Rates per 1,000 live births. ** Rates per 10,000 live births.

Table 16. Live Births by Mother's Descent or Origin and Borough Of Residence New York City, 1981

| Descent or Origin of Mother | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond | Non-Residents | Residence Unknown |
|-----------------------------|----------------|---------------|---------------|---------------|---------------|--------------|---------------|-------------------|
| Mexican | 505 | 131 | 95 | 210 | 57 | 6 | 6 | - |
| Puerto Rican | 18,104 | 2,728 | 7,185 | 6,317 | 1,416 | 228 | 209 | 21 |
| Cuban | 589 | 156 | 117 | 96 | 164 | 8 | 48 | - |
| Other Spanish | 19,832 | 4,246 | 2,681 | 7,743 | 4,591 | 157 | 389 | 25 |
| American | 16,474 | 2,831 | 606 | 5,031 | 4,060 | 977 | 2,959 | 10 |
| European | 17,353 | 1,441 | 1,783 | 5,029 | 4,464 | 2,363 | 2,261 | 12 |
| Asian | 8,429 | 1,272 | 473 | 3,069 | 2,634 | 244 | 732 | 5 |
| African | 25,350 | 3,571 | 5,653 | 10,507 | 4,698 | 506 | 394 | 21 |
| Not Stated | 1,911 | 500 | 406 | 283 | 286 | 228 | 206 | 2 |
| Total | 108,547 | 16,876 | 18,999 | 38,285 | 22,370 | 4,717 | 7,204 | 96 |

Table 17. Live Births by Age of Mother, New York City, 1981

| | Total Births | AGE OF MOTHER | | | | | | | |
|---|--------------|----------------|--------|--------|--------|--------|-------|-----------|------------|
| | | Under 15 Years | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40 & Over | Not Stated |
| Total Live Births | 108,547 | 298 | 13,716 | 29,637 | 33,235 | 22,498 | 7,738 | 1,413 | 12 |
| Sex | | | | | | | | | |
| Male | 55,488 | 140 | 7,032 | 15,052 | 16,948 | 11,630 | 3,962 | 718 | 6 |
| Female | 53,059 | 158 | 6,684 | 14,585 | 16,287 | 10,868 | 3,776 | 695 | 6 |
| Race of Child | | | | | | | | | |
| White | 64,497 | 104 | 6,354 | 16,603 | 21,137 | 14,583 | 4,865 | 845 | 6 |
| Black | 38,268 | 192 | 7,156 | 11,962 | 9,941 | 6,235 | 2,297 | 479 | 6 |
| Amer. Indian | 68 | — | 4 | 20 | 29 | 5 | 10 | — | — |
| Chinese | 1,751 | — | 21 | 258 | 735 | 584 | 129 | 24 | — |
| Japanese | 160 | — | — | 9 | 60 | 66 | 23 | 2 | — |
| Filipino | 338 | — | 6 | 27 | 86 | 115 | 96 | 8 | — |
| Other non-white | 3,465 | 2 | 175 | 758 | 1,247 | 910 | 318 | 55 | — |
| Number of Children | | | | | | | | | |
| Order of Birth | | | | | | | | | |
| (Live Births Only) | | | | | | | | | |
| First child | 48,404 | 289 | 10,916 | 15,693 | 13,064 | 6,372 | 1,799 | 261 | 10 |
| Second child | 32,328 | 8 | 2,333 | 9,191 | 11,002 | 7,400 | 2,127 | 265 | 2 |
| Third child | 15,813 | 1 | 408 | 3,395 | 5,553 | 4,581 | 1,623 | 252 | — |
| Fourth child | 6,511 | — | 47 | 982 | 2,183 | 2,136 | 945 | 218 | — |
| Fifth child | 2,764 | — | 10 | 272 | 878 | 915 | 534 | 155 | — |
| Sixth child or more | 2,727 | — | 2 | 104 | 555 | 1,094 | 710 | 262 | — |
| Weight at Delivery | | | | | | | | | |
| 1000 grams and under | 738 | 4 | 110 | 203 | 200 | 165 | 47 | 9 | — |
| 1001-1500 grams | 962 | 7 | 137 | 288 | 254 | 191 | 69 | 16 | — |
| 1501-2000 grams | 1,902 | 9 | 323 | 510 | 520 | 385 | 123 | 32 | — |
| 2001-2500 grams | 6,101 | 30 | 1,035 | 1,766 | 1,657 | 1,116 | 423 | 73 | 1 |
| 2501-3000 grams | 22,343 | 79 | 3,555 | 6,545 | 6,450 | 4,083 | 1,383 | 243 | 5 |
| 3001-3500 grams | 42,892 | 115 | 5,582 | 12,110 | 13,186 | 8,520 | 2,831 | 548 | — |
| 3501-4000 grams | 25,872 | 45 | 2,466 | 6,497 | 8,381 | 6,077 | 2,066 | 338 | 2 |
| 4001-4500 grams | 6,375 | 7 | 438 | 1,448 | 2,171 | 1,596 | 606 | 109 | — |
| 4501 and over | 1,362 | 2 | 70 | 270 | 416 | 365 | 190 | 45 | 4 |
| Plurality | | | | | | | | | |
| Single | 106,127 | 293 | 13,518 | 29,053 | 32,453 | 21,877 | 7,536 | 1,385 | 12 |
| Twins | 2,367 | 5 | 198 | 578 | 760 | 602 | 196 | 28 | — |
| Triplets | 53 | — | — | 6 | 22 | 19 | 6 | — | — |
| Place of Birth | | | | | | | | | |
| Home | 144 | — | 5 | 25 | 52 | 40 | 18 | 3 | 1 |
| Hospital | | | | | | | | | |
| Voluntary | 80,893 | 176 | 7,711 | 20,057 | 26,598 | 18,901 | 6,354 | 1,090 | 6 |
| Proprietary | 1,098 | 1 | 56 | 322 | 372 | 239 | 96 | 12 | — |
| Municipal | 26,143 | 121 | 5,942 | 9,194 | 6,094 | 3,227 | 1,256 | 306 | 3 |
| Maternity Center | 265 | — | 2 | 37 | 119 | 91 | 14 | 2 | — |
| All Others | 4 | — | — | 2 | — | — | — | — | 2 |
| Attendant | | | | | | | | | |
| Ambulance | 570 | 7 | 112 | 168 | 154 | 80 | 38 | 10 | 1 |
| In Hospital | | | | | | | | | |
| Private Service | 55,643 | 40 | 2,676 | 11,759 | 20,106 | 15,221 | 5,026 | 812 | 3 |
| General Service | 47,513 | 235 | 10,072 | 16,113 | 11,646 | 6,465 | 2,425 | 552 | 5 |
| Nurse Midwife | 4,408 | 16 | 849 | 1,533 | 1,158 | 601 | 217 | 34 | — |
| All Others | 413 | — | 7 | 64 | 171 | 131 | 32 | 5 | 3 |
| Financial Coverage | | | | | | | | | |
| Self | 12,110 | 16 | 1,478 | 3,295 | 3,633 | 2,622 | 912 | 153 | 1 |
| Medicaid | 35,135 | 210 | 8,268 | 12,473 | 8,134 | 4,242 | 1,472 | 333 | 3 |
| Third Party | 59,603 | 64 | 3,653 | 13,396 | 20,990 | 15,352 | 5,242 | 903 | 3 |
| Not stated | 1,699 | 8 | 317 | 473 | 478 | 282 | 112 | 24 | 5 |
| Five Minute APGAR Score | | | | | | | | | |
| 6 or less | 2,000 | 10 | 289 | 578 | 540 | 408 | 143 | 31 | 1 |
| 7 | 1,310 | 8 | 190 | 379 | 344 | 256 | 103 | 30 | — |
| 8 | 4,635 | 20 | 744 | 1,304 | 1,283 | 860 | 345 | 78 | 1 |
| 9 | 30,487 | 89 | 4,431 | 8,672 | 8,762 | 5,933 | 2,177 | 422 | 1 |
| 10 | 69,303 | 164 | 7,929 | 18,454 | 22,100 | 14,909 | 4,905 | 838 | 4 |
| Not stated | 812 | 7 | 133 | 250 | 206 | 132 | 65 | 14 | 5 |
| Month of First Visit for Prenatal Care | | | | | | | | | |
| No Care | 7,389 | 52 | 1,761 | 2,606 | 1,656 | 898 | 340 | 75 | 1 |
| Early (1-6 months) | 85,394 | 140 | 8,457 | 21,807 | 27,727 | 19,477 | 6,617 | 1,162 | 7 |
| Late (7-9 months) | 12,211 | 94 | 2,763 | 4,102 | 2,915 | 1,623 | 589 | 125 | — |
| Not stated | 3,553 | 12 | 735 | 1,122 | 937 | 500 | 192 | 51 | 4 |
| Legitimacy | | | | | | | | | |
| In wedlock | 69,980 | 4 | 3,082 | 16,540 | 25,116 | 18,104 | 6,068 | 1,061 | 5 |
| Out-of-wedlock | 38,567 | 294 | 10,634 | 13,097 | 8,119 | 4,394 | 1,670 | 352 | 7 |
| Nativity of Mother | | | | | | | | | |
| Puerto Rico | 9,709 | 29 | 1,570 | 2,620 | 2,436 | 2,006 | 871 | 177 | — |
| Native | 63,230 | 250 | 9,934 | 18,060 | 19,043 | 11,825 | 3,564 | 550 | 4 |
| Foreign | 35,591 | 19 | 2,210 | 8,955 | 11,752 | 8,666 | 3,302 | 686 | 1 |
| Not stated | 17 | — | 2 | 2 | 4 | 1 | 1 | — | 7 |

**Table 18. Induced Terminations by Borough of Residence and Occurrence
New York City, 1981**

| Borough of Residence | Borough of Occurrence | | | | | |
|-------------------------|-----------------------|---------------|--------------|---------------|--------------|------------|
| | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond |
| Manhattan | 18,523 | 17,270 | 388 | 416 | 447 | 2 |
| Bronx | 18,118 | 10,061 | 7,182 | 476 | 399 | — |
| Brooklyn | 36,478 | 13,938 | 159 | 21,281 | 1,079 | 21 |
| Queens | 16,294 | 9,282 | 178 | 1,508 | 5,316 | 10 |
| Richmond | 2,624 | 1,401 | 8 | 608 | 72 | 535 |
| Non-Residents | 9,769 | 5,421 | 385 | 3,317 | 636 | 10 |
| Residence Unknown | 74 | 44 | 1 | 25 | 4 | — |
| Total | 101,880 | 57,417 | 8,301 | 27,631 | 7,953 | 578 |

Table 19. Induced Terminations by Borough of Residence and Age of Woman — New York City, 1981

| Borough of Residence | Total | Age of Woman | | | | | | | Not Stated |
|-------------------------|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|------------|
| | | Under 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40 & Over | |
| Manhattan | 18,523 | 112 | 2,864 | 5,759 | 5,006 | 3,051 | 1,296 | 322 | 113 |
| Bronx | 18,118 | 171 | 3,949 | 6,358 | 4,102 | 2,200 | 924 | 255 | 159 |
| Brooklyn | 36,478 | 344 | 7,350 | 12,185 | 8,579 | 4,923 | 2,183 | 626 | 288 |
| Queens | 16,294 | 129 | 3,073 | 5,393 | 3,667 | 2,415 | 1,173 | 361 | 83 |
| Richmond | 2,624 | 13 | 634 | 889 | 542 | 324 | 160 | 45 | 17 |
| Non-Residents | 9,769 | 158 | 2,684 | 2,987 | 1,800 | 1,201 | 661 | 209 | 69 |
| Residence Unknown | 74 | 2 | 14 | 24 | 13 | 7 | 8 | 3 | 3 |
| Total | 101,880 | 929 | 20,568 | 33,595 | 23,709 | 14,121 | 6,405 | 1,821 | 732 |

**Table 20. Spontaneous Terminations by Gestation and Age of Woman
New York City, 1981**

| Gestation in Weeks | Total | Age of Woman | | | | | | | Not Stated |
|--------------------|--------------|--------------|------------|--------------|--------------|--------------|------------|------------|------------|
| | | Under 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40 & Over | |
| Under 13 | 2,634 | 5 | 183 | 585 | 760 | 613 | 344 | 142 | 2 |
| 13-15 | 585 | 1 | 50 | 154 | 163 | 129 | 61 | 27 | — |
| 16-19 | 387 | 3 | 40 | 85 | 125 | 70 | 48 | 15 | 1 |
| 20-27 | 541 | 2 | 67 | 143 | 156 | 114 | 51 | 8 | — |
| 28 & Over | 735 | 2 | 91 | 172 | 201 | 159 | 81 | 26 | 3 |
| Not Stated | 297 | — | 41 | 50 | 75 | 63 | 31 | 20 | 17 |
| Total | 5,179 | 13 | 472 | 1,189 | 1,480 | 1,148 | 616 | 238 | 23 |

**Table 21. Spontaneous Terminations (28 Wks. Gestation & Over)
by Borough of Residence and Occurrence — New York City, 1981**

| Borough of Residence | Borough of Occurrence | | | | | |
|-------------------------|-----------------------|------------|------------|------------|------------|-----------|
| | Total | Manhattan | Bronx | Brooklyn | Queens | Richmond |
| Manhattan | 131 | 128 | 3 | — | — | — |
| Bronx | 119 | 20 | 96 | 1 | 2 | — |
| Brooklyn | 191 | 20 | 1 | 265 | 5 | — |
| Queens | 129 | 25 | 2 | 12 | 90 | — |
| Richmond | 27 | 1 | — | 3 | — | 23 |
| Non-Residents | 37 | 18 | 4 | 3 | 12 | — |
| Residence Unknown | 1 | — | — | — | 1 | — |
| Total | 735 | 212 | 106 | 284 | 110 | 23 |

Table 22. Cases of Reportable Diseases, New York City, 1940-1981

| Year | Pulmonary Tuberculosis | Measles | Scarlet Fever | Chickenpox | Whooping Cough | Meningococcus Meningitis | Polio | Syphilis | | Gonorrhea | Encephalitis | Hepatitis | Rubella |
|------|------------------------|---------|---------------|------------|----------------|--------------------------|-------|----------|---------------------|-----------|--------------|-----------|---------|
| | | | | | | | | Total | Primary & Secondary | | | | |
| 1940 | 8,212 | 10,496 | 13,569 | 13,046 | 5,775 | 48 | 67 | 30,178 | 3,113 | 14,639 | 28 | | 988 |
| 1941 | 8,459 | 70,646 | 7,206 | 9,773 | 7,811 | 118 | 404 | 27,194 | 2,957 | 12,297 | 49 | | 18,614 |
| 1942 | 9,145 | 2,261 | 7,009 | 10,978 | 9,240 | 411 | 88 | 30,036 | 3,406 | 12,022 | 52 | | 1,355 |
| 1943 | 8,283 | 23,627 | 9,484 | 9,290 | 3,678 | 1,406 | 361 | 25,878 | 4,252 | 12,957 | 37 | | 14,269 |
| 1944 | 7,229 | 26,048 | 8,509 | 8,441 | 2,810 | 1,104 | 1,890 | 23,069 | 4,841 | 14,489 | 37 | | 1,340 |
| 1945 | 6,232 | 1,870 | 8,347 | 7,905 | 4,992 | 487 | 547 | 22,690 | 5,164 | 18,009 | 34 | | 1,221 |
| 1946 | 6,386 | 22,408 | 8,009 | 6,586 | 2,135 | 246 | 716 | 26,765 | 6,063 | 24,350 | 38 | 274 | 3,372 |
| 1947 | 6,832 | 7,915 | 3,583 | 11,921 | 3,224 | 113 | 224 | 26,303 | 5,009 | 22,746 | 30 | 110 | 1,121 |
| 1948 | 7,359 | 28,960 | 2,420 | 10,214 | 1,591 | 120 | 703 | 25,366 | 3,846 | 23,422 | 33 | 93 | 2,673 |
| 1949 | 7,344 | 5,467 | 2,230 | 12,866 | 4,129 | 104 | 2,246 | 20,489 | 2,218 | 20,309 | 47 | 107 | 3,447 |
| 1950 | 6,518 | 21,990 | 1,652 | 7,973 | 1,791 | 142 | 1,064 | 21,795 | 1,304 | 16,784 | 127 | 114 | 1,597 |
| 1951 | 6,331 | 9,644 | 2,144 | 11,849 | 1,606 | 110 | 555 | 22,458 | 801 | 14,114 | 200 | 202 | 4,122 |
| 1952 | 6,021 | 34,614 | 3,548 | 8,912 | 1,379 | 144 | 821 | 25,078 | 784 | 12,105 | 280 | 286 | 3,267 |
| 1953 | 6,110 | 5,117 | 1,595 | 12,942 | 2,733 | 183 | 677 | 25,224 | 658 | 12,505 | 311 | 515 | 2,315 |
| 1954 | 5,439 | 41,037 | 2,143 | 8,775 | 1,777 | 129 | 844 | 19,412 | 617 | 12,379 | 270 | 809 | 1,186 |
| 1955 | 5,064 | 9,712 | 1,834 | 10,486 | 1,136 | 108 | 806 | 18,056 | 566 | 11,239 | 220 | 1,154 | 8,888 |
| 1956 | 5,089 | 21,616 | 2,357 | 11,433 | 1,113 | 75 | 149 | 17,052 | 605 | 10,482 | 309 | 824 | 3,100 |
| 1957 | 5,162 | 10,226 | 1,657 | 7,287 | 1,326 | 75 | 57 | 15,485 | 635 | 11,479 | 204 | 597 | 1,998 |
| 1958 | 4,513 | 28,272 | 1,944 | 8,403 | 655 | 36 | 100 | 13,082 | 911 | 13,341 | 165 | 637 | 5,911 |
| 1959 | 4,196 | 5,215 | 2,043 | 7,731 | 1,322 | 92 | 170 | 13,131 | 1,454 | 14,370 | 212 | 841 | 4,694 |
| 1960 | 3,923 | 25,523 | 2,622 | 8,042 | 416 | 89 | 92 | 16,872 | 2,606 | 16,677 | 97 | 1,106 | 3,760 |
| 1961 | 3,635 | 4,796 | 2,820 | 6,190 | 249 | 69 | 2 | 20,017 | 3,374 | 18,285 | 216 | 1,839 | 1,543 |
| 1962 | 3,702 | 29,631 | 1,259 | 7,913 | 307 | 59 | 7 | 20,058 | 3,329 | 18,901 | 175 | 1,359 | 1,560 |
| 1963 | 4,057 | 7,406 | 1,287 | 6,683 | 212 | 50 | 1 | 19,312 | 3,481 | 22,912 | 147 | 1,325 | 3,294 |
| 1964 | 3,381 | 15,435 | 1,052 | 6,183 | 304 | 42 | 2 | 18,875 | 3,215 | 25,896 | 158 | 1,287 | 21,292 |
| 1965 | 3,389 | 4,127 | 792 | 7,423 | 194 | 68 | 0 | 16,999 | 2,897 | 29,032 | 162 | 1,248 | 1,031 |
| 1966 | 2,952 | 8,381 | 799 | 4,172 | 206 | 56 | 0 | 13,724 | 2,364 | 29,679 | 146 | 1,552 | 1,036 |
| 1967 | 2,893 | 529 | 731 | 5,897 | 179 | 65 | 1 | 13,918 | 1,987 | 27,373 | 61 | 2,558 | 1,030 |
| 1968 | 2,658 | 2,445 | 732 | 4,267 | 122 | 90 | 1 | 13,204 | 2,172 | 32,637 | 61 | 3,542 | 3,074 |
| 1969 | 2,397 | 5,033 | 891 | 3,640 | 149 | 88 | 0 | 11,439 | 2,630 | 36,729 | 57 | 3,982 | 1,185 |
| 1970 | 2,073 | 1,154 | 513 | 4,978 | 163 | 90 | 0 | 10,362 | 3,780 | 36,783 | 35 | 4,492 | 685 |
| 1971 | 2,048 | 3,819 | 614 | 3,815 | 55 | 60 | 0 | 11,642 | 3,854 | 38,472 | 19 | 4,160 | 626 |
| 1972 | 1,874 | 447 | 445 | 5,603 | 79 | 44 | 1 | 10,390 | 4,106 | 48,414* | 11 | 2,907 | 271 |
| 1973 | 1,740 | 965 | 708 | 4,496 | 77 | 37 | 0 | 7,334 | 3,256 | 45,467 | 26 | 1,478 | 502 |
| 1974 | 1,582 | 651 | 402 | 3,877 | 75 | 26 | 0 | 7,593 | 3,184 | 42,071 | 17 | 1,078 | 173 |
| 1975 | 2,187 | 170 | 463 | 3,982 | 40 | 32 | 0 | 7,236 | 2,864 | 39,981 | 14 | 1,366 | 193 |
| 1976 | 1,775 | 497 | 609 | 3,289 | 43 | 51 | 1 | 6,832 | 2,494 | 40,859 | 20 | 1,897 | 163 |
| 1977 | 1,189 | 804 | 583 | 3,936 | 47 | 64 | 0 | 4,749 | 1,881 | 39,302 | 30 | 1,604 | 336 |
| 1978 | 1,034 | 405 | 271 | 2,733 | 54 | 88 | 0 | 5,657 | 2,060 | 40,208 | 30 | 1,260 | 152 |
| 1979 | 1,240 | 859 | 312 | 3,052 | 44 | 91 | 0 | 6,680 | 2,552 | 40,934 | 17 | 1,080 | 290 |
| 1980 | 1,186 | 1,210 | 319 | 4,789 | 30 | 110 | 0 | 5,906 | 2,387 | 43,699 | 15 | 1,079 | 105 |
| 1981 | 1,340 | 108 | 464 | 3,863 | 25 | 91 | 0 | 6,878 | 2,568 | 45,859 | 20 | 1,722 | 55 |

Hepatitis made reportable December 1945. Figures for 1900-1939 appear in Annual Summaries for 1960 and earlier.
 *1972-1976 figures corrected to remove duplicates.

**Table 23. Cases of Reportable Diseases by Month of Report
New York City, 1981**

| Diseases | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Amebiasis | 1,931 | 136 | 139 | 166 | 160 | 114 | 145 | 156 | 106 | 184 | 207 | 152 | 266 |
| Chicken Pox | 3,863 | 211 | 260 | 547 | 675 | 526 | 971 | 228 | 103 | 82 | 55 | 74 | 131 |
| Hepatitis | 1,722 | 138 | 105 | 108 | 157 | 100 | 157 | 148 | 82 | 164 | 167 | 188 | 208 |
| Measles | 108 | 5 | 3 | 8 | 11 | 18 | 8 | 15 | 4 | 6 | 10 | 14 | 6 |
| Meningococcus Meningitis | 91 | 11 | 4 | 9 | 10 | 10 | 9 | 6 | 7 | 3 | 5 | 10 | 7 |
| Mumps | 95 | 6 | 2 | 16 | 6 | 14 | 12 | 9 | 7 | 6 | 6 | 5 | 6 |
| Rubella | 55 | 5 | 4 | 6 | 8 | 12 | 9 | 2 | 2 | 3 | 2 | - | 2 |
| Salmonellosis | 1,458 | 96 | 141 | 163 | 126 | 72 | 173 | 88 | 110 | 132 | 175 | 96 | 86 |
| Shigellosis | 573 | 61 | 24 | 51 | 54 | 32 | 73 | 44 | 36 | 60 | 56 | 29 | 53 |
| Scarlet Fever | 464 | 25 | 49 | 70 | 72 | 53 | 67 | 25 | 23 | 7 | 16 | 19 | 38 |
| Tuberculosis | 1,582 | 49 | 97 | 165 | 150 | 139 | 128 | 126 | 108 | 111 | 143 | 119 | 247 |
| Typhoid Fever | 48 | 3 | 4 | 6 | 6 | 2 | 3 | 4 | 2 | 5 | 8 | 2 | 3 |
| Gonorrhea | 45,859 | 3,577 | 3,032 | 3,383 | 3,553 | 4,508 | 2,583 | 4,782 | 4,637 | 5,099 | 3,036 | 3,053 | 4,616 |
| Syphilis- All Forms | 6,878 | 563 | 516 | 642 | 530 | 650 | 540 | 486 | 720 | 485 | 687 | 526 | 533 |
| Whooping Cough.... | 25 | - | - | - | - | - | 2 | 2 | 3 | 4 | 8 | 5 | 1 |

NEW YORK CITY'S AGING POPULATION

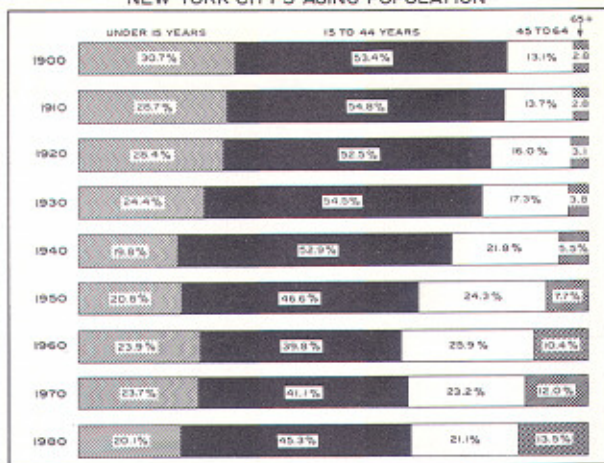


Table 24. Expectation of Life in New York City at Specified Ages, 1950, 1960, 1970, 1980 and United States 1978

| M A L E | | | | | | | | | | |
|--------------|---------------|----------|-------|----------|-------|----------|-------|----------|---------------|----------|
| Age Interval | New York City | | | | | | | | United States | |
| | 1950 | | 1960 | | 1970 | | 1980 | | 1978 | |
| | White | Nonwhite | White | Nonwhite | White | Nonwhite | White | Nonwhite | White | Nonwhite |
| 0-1 | 66.1 | 59.3 | 67.3 | 60.8 | 67.1 | 61.5 | 69.1 | 65.4 | 70.2 | 65.0 |
| 5-10 | 63.4 | 58.0 | 64.3 | 59.2 | 63.7 | 58.9 | 65.4 | 61.8 | 66.3 | 61.8 |
| 10-15 | 58.6 | 53.3 | 59.5 | 54.5 | 58.9 | 54.0 | 60.6 | 57.0 | 61.5 | 57.0 |
| 15-20 | 53.7 | 48.5 | 54.6 | 49.6 | 54.0 | 49.2 | 55.7 | 52.0 | 56.6 | 52.1 |
| 20-25 | 48.9 | 44.0 | 49.8 | 45.0 | 49.4 | 44.8 | 51.0 | 47.4 | 52.0 | 47.4 |
| 30-35 | 39.4 | 35.5 | 40.4 | 36.3 | 40.4 | 36.8 | 42.1 | 39.0 | 42.8 | 38.8 |
| 40-45 | 30.1 | 27.4 | 31.2 | 28.5 | 31.4 | 29.1 | 33.2 | 30.8 | 33.6 | 30.4 |
| 50-55 | 21.8 | 20.4 | 22.6 | 21.5 | 23.3 | 22.2 | 24.9 | 23.3 | 24.8 | 22.8 |
| 60-65 | 15.0 | 15.0 | 15.6 | 15.7 | 16.3 | 16.5 | 17.6 | 16.9 | 17.2 | 16.5 |
| 70-75 | 9.7 | 10.7 | 10.1 | 11.5 | 10.8 | 12.0 | 11.6 | 11.7 | 11.1 | 11.6 |

| F E M A L E | | | | | | | | | | |
|--------------|---------------|----------|-------|----------|-------|----------|-------|----------|---------------|----------|
| Age Interval | New York City | | | | | | | | United States | |
| | 1950 | | 1960 | | 1970 | | 1980 | | 1978 | |
| | White | Nonwhite | White | Nonwhite | White | Nonwhite | White | Nonwhite | White | Nonwhite |
| 0-1 | 71.2 | 64.2 | 73.1 | 67.6 | 74.8 | 71.2 | 77.1 | 74.2 | 77.8 | 73.6 |
| 5-10 | 68.0 | 62.6 | 69.8 | 65.6 | 71.2 | 68.5 | 73.3 | 70.7 | 73.8 | 70.2 |
| 10-15 | 63.2 | 57.8 | 64.9 | 60.8 | 66.4 | 63.6 | 68.4 | 65.8 | 68.9 | 65.4 |
| 15-20 | 58.3 | 53.0 | 60.0 | 55.9 | 61.5 | 58.7 | 63.5 | 60.9 | 64.0 | 60.4 |
| 20-25 | 53.4 | 48.4 | 55.2 | 51.1 | 56.7 | 54.0 | 58.7 | 56.0 | 59.1 | 55.6 |
| 30-35 | 43.8 | 39.5 | 45.5 | 41.9 | 47.1 | 44.7 | 49.1 | 46.6 | 49.5 | 46.2 |
| 40-45 | 34.4 | 30.9 | 36.1 | 33.4 | 37.8 | 36.0 | 39.6 | 37.4 | 39.9 | 37.0 |
| 50-55 | 25.6 | 23.4 | 27.2 | 25.6 | 29.0 | 28.1 | 30.6 | 28.9 | 30.7 | 28.5 |
| 60-65 | 17.7 | 17.3 | 19.0 | 18.7 | 20.9 | 21.2 | 22.3 | 21.3 | 22.3 | 21.2 |
| 70-75 | 11.1 | 11.9 | 11.9 | 13.0 | 13.6 | 15.1 | 14.9 | 14.6 | 14.8 | 14.8 |

THE CITY OF NEW YORK
WEEKLY CRUDE DEATH RATES per 1,000 POPULATION FROM ALL CAUSES 1981
BASED ON DEATHS REPORTED EACH WEEK

