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Congenital Anomalies and Birth Injuries Among Live Births:

United States, 1973-74

Describes variations in the incidence of congenital anomalies and birth injuries as reported on birth certificates by selected socio-economic, demographic, and health characteristics of the mother and child.

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CONGENITAL ANOMALIES AND BIRTH INJURIES AMONG LIVE BIRTHS: UNITED STATES, 1973-74

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INTRODUCTION

There has been growing concern in recent years about the role of environmental pollutants, drugs, and infectious agents in the causation of congenital defects.[a] The current paucity of information on the incidence of congenital defects has made increasingly evident the need for national, uniformly collected data. Birth certificates permit the study of relationships between the occurrence of specific defects and variables such as age, education and residence of the mother, and race, sex, and birth weight of the child. The major objective of this report is to describe patterns in the occurrence of congenital defects relative to such demographic, socioeconomic, biologic, and geographic characteristics. While the major emphasis of this report is to explore factors associated with congenital anomalies, several tables are included which show the prevalence of birth injuries—another cause of infant morbidity and mortality.

Data in this report are derived from information entered on live birth certificates for 1973 and 1974. Information on congenital anomalies was available from the birth certificates of 46 States and the District of Columbia and for birth injuries, from 41 States and the District of Columbia. Information is shown separately for 1973 and for 1974 only in tables 1 and 2. These tables present basic data on congenital anomalies by race and sex of child and State of residence of mother. In all other tables, incidence rates are an average of this 2-year period. Two-year averages minimize the effect of random year-to-year fluctuations in the data due to the small number of events for some groups.

Although it is recognized that there are major deficiencies in the recording of congenital anomalies on birth certificates, it is hoped that the utilization of these data will stimulate more accurate and complete reporting of malformations on vital records in future years.

SUMMARY OF FINDINGS

According to information entered on birth certificates, during 1973-74, 821 of every 100,000 babies were born with a congenital anomaly, and 216 of every 100,000 babies suffered a birth injury. However, it is probable that the true incidence[b] of such occurrences is far higher. This is indicated by a number of studies which have found substantial underreporting of congenital anomalies on birth certificates compared with other medical records.

[a] The terms "congenital anomaly," "birth defect," "congenital defect," and "congenital malformation" are used interchangeably in this report.

[b] As used in this report, "incidence" refers to the rate of occurrence.

Incomplete reporting on birth certificates has been attributed to the failure to recognize a defect during the short interval before the certificate is filed, failure to transfer information from hospital records to birth certificates, and the recording of only the most severe anomaly when multiple anomalies are present.

There was a more than fivefold difference in the incidence of congenital anomalies among reporting States. During 1973-74 congenital anomaly rates (births with anomalies per 100,000 live births) by State ranged from a low of 364 to a high of 1,943. For some States there were large differences between the rates for 1973 and 1974. It seems probable that such variations reflect inconsistent reporting practices and random changes due to small numbers rather than true differences or trends in occurrence. The lowest incidence during this period was in the South and highest in the North Central Region (630.7 compared with 988.0). Although the incidence of congenital anomalies varied widely among geographic regions, patterns of occurrence in relation to birth weight, birth order, and age and educational attainment of mother were found to be consistent from region to region. It is therefore felt that national data are of value in studying the relationship between the occurrence of anomalies and a number of descriptive variables.

For nearly all anomalies studied, the reported congenital anomaly rate was higher for white than for Negro births. Overall, the occurrence of anomalies was 13 percent more frequent among white than among Negro births (829.8 compared with 732.4). This racial differential is mainly attributable to the substantially lower congenital anomaly rates reported in the South, where 50 percent of all Negro births in the congenital anomaly reporting area occurred.

A much larger proportion of male than female newborns were found to have congenital defects. For the 2-year period the congenital anomaly rate for male babies exceeded the rate for female babies by 40 percent (955.3 compared with 678.5). Congenital anomalies of the genital organs were recorded for slightly more than one-fifth of all male babies with a defect.

The congenital anomaly rate for babies of low birth weight (2,500 grams or less; 5 pounds 8 ounces or less) was about 2 1/2 times as high as that for heavier babies (1,894.1 compared with 727.1). The lowest rate of anomalies (636.9) was associated with birth weights of 3,501 to 4,000 grams (7 pounds 12 ounces to 8 pounds 13 ounces). White babies of low birth weight were nearly twice as likely as Negro babies of low birth weight to have a congenital defect, but at higher weights the racial difference was greatly reduced or reversed.

Older women had the greatest risk of bearing a child with a birth defect. The incidence of malformations increased sharply for women aged 35 and over and was particularly high for mothers aged 40 years and over. For teenagers and very young girls, the risk of having a baby with a defect was approximately the same as for the average of all ages combined. Women aged 25 to 29 years were least likely to bear a child with a birth defect. The congenital anomaly rate for this age group was less than half that for women aged 40 years and over (779.5 compared with 1,710.5). For each age group studied, the incidence of anomalies was highest for first births.

Births in plural deliveries were more likely than single births to have a congenital anomaly. The rate among plural births was 18 percent higher than the rate among single births (965.7 compared with 817.8). However, among Negro births the incidence was only 4 percent higher among plural births than among single births, while for white births the incidence was 22 percent higher.

The congenital anomaly rate was about the same for Negro legitimate and illegitimate births, but it was 15 percent higher for white illegitimate births than legitimate births. Two-thirds of this difference in the rates for white births is associated with the far higher incidence of low birth weight among white illegitimate than legitimate births.

Mothers whose previous pregnancy resulted in a fetal death were more likely to give birth to a baby with a congenital defect than were mothers whose previous pregnancy resulted in a live birth. For white births the risk was increased by 22 percent and for Negro births by 13 percent. Close spacing of births was also found to

be associated with higher congenital anomaly rates. The highest rates were for babies born within a year of a previous delivery. The mean interval since the termination of the last pregnancy was about one-third shorter for births with congenital anomalies than for all births (27.2 months compared with 40.5 months).

The incidence of congenital defects generally decreased as the educational attainment of the mother increased. The highest rate of anomalies was associated with 9 to 11 years of schooling (879.6) and the lowest with the completion of college or postgraduate education (776.7).

During 1973-74 the incidence of birth injuries was 14 percent higher for white than for Negro babies (217.9 compared with 191.3 per 100,000 live births). For both races, male births had a substantially higher risk of a birth injury than did female births. Overall, the birth injury rate for male babies exceeded the rate for female babies by 40 percent (251.1 compared with 179.0). Very small and very large babies were most likely to suffer a birth injury. Birth injuries were recorded for 3 of every 1,000 babies weighing 1,500 grams or less (3 pounds 4 ounces or less), for more than 4 of every 1,000 babies weighing between 4,000 and 5,000 grams (8 pounds 14 ounces to 11 pounds), and nearly 3 of every 100 babies weighing more than 5,000 grams. Although white plural births had about the same risk of a birth injury as white single births, the birth injury rate was substantially higher for Negro plural than single births.

CLASSIFICATION OF CONGENITAL ANOMALIES AND BIRTH INJURIES

The *Eighth Revision International Classification of Diseases, Adapted for Use in the United States*, 1965 (ICDA) is the basis for classifying the congenital anomalies and birth injuries discussed in this report. Since this classification system does not readily permit the identification of all congenital defects and because of the difficulty in formulating a precise definition of congenital defects, this report is limited to those malformations present at birth which are described in the ICDA section "Congenital anomalies" (codes 740-759). These abnormalities can be expected to interfere with the normal functioning of an individual. The time at which function is interfered with may vary from birth to maturity, and the intensity of the functional interference also has a great range. Other common congenital anomalies such as hemangiomas, diaphragmatic and umbilical hernias, and nonstructural defects such as inborn errors of metabolism, congenital malignancies, and certain neuromuscular defects are scattered throughout the remainder of the ICDA under different headings and are consequently excluded.

Birth injury data shown in this report include injuries for which perinatal or maternal conditions are identified on the birth certificate as the cause of injury (codes 764-768) as well as injuries without mention of cause (code 772).

The decimal system of numbering used in the ICDA includes three-digit categories for broad classification of conditions according to some significant axis such as anatomical site. Four-digit subcategories within each three-digit category provide further detailed information regarding cause or manifestation of the condition. For this report, if more than one condition is recorded on a birth certificate, the birth is counted in each applicable four-digit subcategory and in the corresponding three-digit category. However, if a birth record lists two or more four-digit level defects within the same three-digit category of anomaly, the birth is only counted once at the three-digit level. For example, as shown in table 1, code 755 (other congenital anomalies of limbs) includes subcategories 755.0 to 755.9. A birth with a reduction deformity of both upper limb (755.2) and lower limb (755.3) would be counted only once in the three-digit category 755, although it would be counted each time in the applicable four-digit subcategory. Several of the selected anomalies shown in tables 2-6 and 8 are combinations of four-digit subcategories. Where a birth record shows more than one defect within such a grouping, the birth is counted only once. Totals shown for categories 740-759 inclusive, represent an unduplicated count of live births with one or more defects.

QUALITY OF REPORTING

It should be borne in mind that data presented in this report do not reflect the entire incidence of congenital defects. The completeness of reporting of a malformation depends primarily on the recognizability of the defect within the short period after birth before the filing of the birth certificate. However, even where the presence of a malformation is noted on the hospital record, there may be a failure to transfer the information to the birth certificate. Other reasons for incomplete reporting or the loss of usable information are the desire to confirm a diagnosis before entry on an official record, the entry of only the most severe anomaly in the case of a child born with multiple defects, and the use of indefinite terminology.[1-3]

Extent of Underreporting

Information from a survey of mothers of legitimate births in 1972 permits the comparison of the reporting of anomalies on birth certificates with the reporting on hospital records for the same group of births.[4] Between 4 and 5 times as many hospital records as birth certificates indicated that a congenital defect was observed at the time of delivery.[c] By the time of the infant's discharge from the hospital, 8 times as many hospital records as birth certificates noted the presence of an anomaly.

Other studies comparing the recording of malformations on birth certificates with other medical records also describe widespread underreporting of congenital defects on birth certificates.[3,5-9] For many defects it has been determined that the extent of underreporting is quite substantial. A study of the completeness of recording of malformations on vital records compared with hospital records for Iowa concluded that of 12 relatively common and easily recognized malformations, there were only 3—cleft lip and/or cleft palate and spina bifida—for which substantially more than half the cases were recorded on birth certificates.[9] An additional study of these births found that there was more complete reporting on birth certificates of major malformations (those judged to be incapacitating or fatal) than of minor defects (those which are less serious and often correctable).[3] The completeness of reporting of both major and minor defects varied directly with the ease of recognition at birth. The most complete reporting was for the most easily recognized major malformations (76 percent); for the least obvious major conditions, there was only 22 percent completeness in reporting. The percent completeness varied from 8 to 18 percent for minor defects. When there were multiple defects, only the most severe were usually reported. The authors concluded that selective judgment was practiced in transferring information from hospital records to birth certificates and that major malformations were more likely to be transferred. Overall, in comparison with entries on hospital records, only 9 percent of minor malformations and 1 percent of insignificant defects were entered on birth certificates. However, it was also determined that for most of the malformations studied, the entries on the birth certificate were fairly precise; that is, the entries were generally well defined or specific and thus classifiable.

Reporting Bias

The question arises as to whether congenital anomaly data derived from birth certificates are a useful source of health and related demographic information despite the magnitude of underreporting. The previously cited study of Iowa records[3] showed that when a comparison was made between entries on birth certificates and hospital records, tabulations for most characteristics revealed no significant differences as measured by chi-square analyses. The authors concluded that birth certificates could be used with confidence to evaluate the following characteristics: birth weight, length of gestation, sex, survival at discharge, plurality, age of mother and of father, race of mother and of father, number of previous deliveries, and month or day of week of birth.

For this study patterns of reporting of four

[c]The proportion of birth certificates reporting anomalies in this survey corresponds closely with the overall anomaly rates observed in this present study.

variables—birth weight, age of mother, birth order, and educational attainment of mother—were compared by region. Although the level of occurrence of congenital anomalies varied considerably from one geographic region to another (and was always lowest in the South), the patterns of reporting for these variables were quite similar for all regions. It is therefore believed that national data can be used to analyze the relationship between the occurrence of anomalies and a variety of descriptive variables. However, because of the far lower incidence of congenital anomalies in the South and the relatively greater proportion of Negro than white births occurring in this region, Negro congenital anomaly rates for the United States were consistently lower than white rates. It should therefore be borne in mind that the consistently lower Negro rates observed for national data reflect to a large extent this depression in rates in the South. A more detailed discussion of this point may be found in the section "Geographic Variation."

Selected Anomalies Studied

Tables 1A and 1B present frequencies and incidence rates by race and sex of child for the complete listing of all anomalies in ICDA categories 740-759. Tables 2-6 and 8 analyze a group of selected anomalies in greater detail. There were several criteria used in the selection process. A basic consideration was the frequency of occurrence, since many anomalies are recorded too rarely to permit any type of meaningful cross-classification. Ease of recognition and severity of the malformation were also taken into consideration, since these factors are known to be highly associated with completeness of reporting. Anomalies which occur frequently but which have little effect on an individual's ability to function (e.g., certain anomalies of the skin, hair, and nails) were generally excluded. Lastly, other anomalies not fully meeting these criteria were included since it was felt that they merited further study. Brief medical definitions of the selected anomalies can be found in the Technical Appendix.

SPECIFIC FINDINGS—CONGENITAL ANOMALIES

Congenital anomalies are a leading cause of childhood mortality and lifelong disabilities. In 1974, 8,607 deaths of infants under 1 year of age, or 16.3 percent of all infant deaths, were caused by a congenital anomaly. In the age group 1 to 4 years, 1,191 deaths, representing 12.1 percent of all deaths in that age group, were attributed to congenital defects.[10] In 1974, 331,000 persons (excluding newborn infants) were hospitalized for disabilities caused by congenital anomalies. While 48 percent of these patients were under 15 years of age, 33 percent were aged 15 to 44 years, and 19 percent were 45 years or older.[11] In addition, congenital anomalies cause a substantial number of fetal deaths each year.

Incidence

During 1973-74 less than 1 percent of the birth certificates registered in the reporting area[d] indicated that the newborn had a congenital anomaly. In 1973 the congenital anomaly rate (the number of live births with anomalies per 100,000 total live births) was 829.8; in 1974 the rate dropped slightly to 811.3. However, as previously noted, it is well established that there is significant underreporting of malformations on birth certificates. Thus the true magnitude of malformations among newborns for these years is unknown. In addition, it should be kept in mind that yearly variations in malformation incidence can be caused by differences in reporting practices and random fluctuations of small numbers as well as changes in the actual frequency of occurrence.

For nearly 90 percent of the births with anomalies, only a single defect was noted on the birth certificate. During the period 1973-74, 87.8 percent of the births with anomalies had one defect recorded, 9.3 percent had two defects, and 2.9 percent had three or more defects.

[d]The reporting area consists of the 46 States and the District of Columbia that included a question on congenital anomalies on the birth certificate. See table I in the Technical Appendix for a listing of these States.

Tables 1A and 1B present the incidence of all anomalies for ICDA codes 740 to 759. (Data for 1973 are shown in table 1A and for 1974 in table 1B.) The most frequently occurring major classifications of anomalies were spina bifida, congenital anomalies of heart, cleft palate and cleft lip, congenital anomalies of genital organs, clubfoot, other congenital anomalies of limbs, and congenital syndromes affecting multiple systems.

Race

For nearly all anomalies in the ICDA code categories 740-759, the reported congenital anomaly rate was higher for white births than for Negro births (tables 1A and 1B). Overall, the incidence of congenital anomalies in 1973 and 1974 was 13 percent greater among white births. Polydactyly (extra digits) was the most frequently occurring anomaly among Negro births, comprising 39 percent of the total anomalies recorded and affecting nearly 3 of every 1,000 Negro babies. It was a far rarer condition among white births, the white rate being less than one-seventh the Negro rate (38.4 compared with 281.5 per 100,000 births in 1974). If this condition were excluded from the computation of the overall congenital anomaly rate, the Negro rate would be lowered considerably.

Other studies have noted a relatively higher frequency of occurrence of a number of major anomalies among white than Negro babies, although the overall incidence of congenital anomalies has been found to be greater among Negro births.[12-14] The question arises as to whether the consistent elevation in white rates in the present national study is due to variation in reporting practices among hospitals. Unfortunately, this question cannot be resolved from information presently available. However, as noted in the section "Geographic Variation," the overall racial differential can be attributed mainly to the substantially lower congenital anomaly rates reported in the South Region for both Negro and white births.

An association between socioeconomic status and the level of congenital malformations is noted in this and in previous studies. (See the section "Education of Mother.") It was not possible to determine to what extent the reported racial difference in the level of anomalies was associated with socioeconomic differences. White congenital anomaly rates were consistently higher than Negro rates at each educational level, which was due in part to differences in the level of reporting by race.

Sex

A substantially higher proportion of male than female newborns were found to have one or more congenital malformations (tables 1A and 1B). For the 2-year period the congenital anomaly rate for male births exceeded the rate for female births by 41 percent (955.3 compared with 678.5 per 100,000 live births). This excess of male anomalies persisted within each racial group. The relative difference in rates was 44 percent (975.6 compared with 675.6) for white births, and the differential was 26 percent (814.8 compared with 647.6) for Negro births.

Although many of the anomalies studied showed a higher rate for males, to a large extent the overall sex differential is explained by the significantly higher male rate for congenital anomalies of genital organs (code 752) and in particular for hypospadias (code 752.2). Congenital anomalies of the genital organs were reported for slightly more than one-fifth of all male births with anomalies but for less than 2 percent of female births with anomalies. If these conditions are excluded from the computation of the overall male and female congenital anomaly rates, the sex differential is reduced from 40 percent to about 13 percent.

Figure 1 presents the percentage of births with anomalies that were male for some of the more frequently occurring anomalies. During 1973-74, 51 percent of all births in the United States were male. It can be seen from figure 1 that for many anomalies there was a large deviation from this expected male ratio. These ratios are in close agreement with information reported in previous studies.[15]

Geographic Variation

There were extremely large variations in the incidence of congenital anomalies among the reporting areas during the 2-year period covered

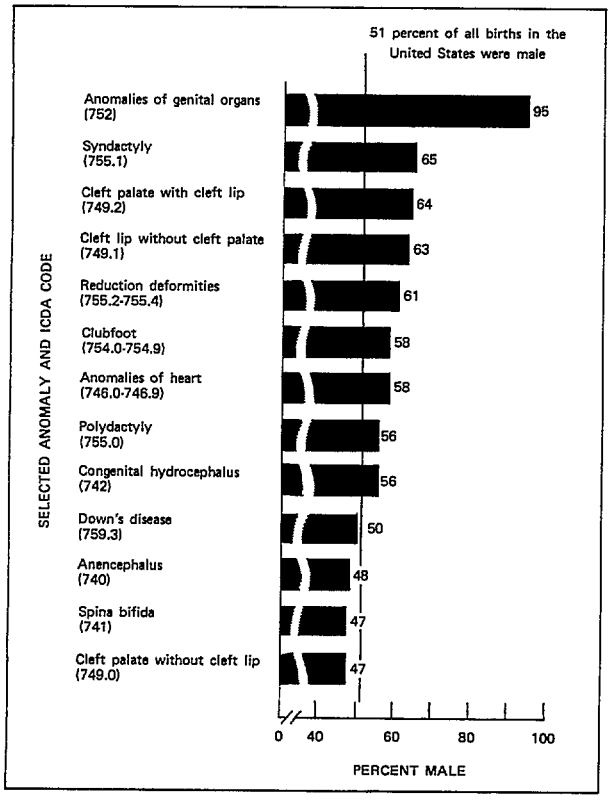

Figure 1. Percent male for births with selected anomalies, 1973-74 average.

by this report. Information on the incidence of anomalies for each area is shown in table 2A for 1973 and in table 2B for 1974. During this 2-year period congenital anomaly rates ranged from a low of 364.3 (Delaware, 1973) to a high of 1,942.7 (New Mexico, 1974).

Although the overall congenital anomaly rate changed very little between 1973 and 1974—from 829.8 in 1973 to 811.3 in 1974, a decline of 2 percent—for individual areas, changes ranged from a decline of 34 percent (District of Columbia) to an increase of 68 percent (New Mexico). There were 11 States which experienced a 20-percent or greater change in rates between 1973 and 1974 and 12 States where the change was from 10 to 20 percent. However, fluctuations in yearly rates were generally smaller for States with large populations. Among the 17 largest reporting States (representing two-thirds of the U.S. population), there were only 4 where the yearly rate varied by more than 10 percent. It therefore seems unlikely that all of the variations observed reflect true changes in the incidence of anomalies among these populations. The more probable explanations are that differences in many instances reflect random fluctuations due to the small number of events and that reporting practices are not consistent from State to State or even from year to year within the same State.

As noted previously, during this period the incidence of anomalies was 13 percent higher among white than among Negro newborns (829.8 compared with 732.4 for 1973-74). But again, these overall averages conceal a very wide variation in incidence for individual reporting areas. For example, during the 2-year period the incidence of congenital anomalies among white births was less than 90 percent of the incidence for Negro births in 17 States, while in 9 States the white incidence exceeded the Negro incidence by 30 percent or more.

As shown in table A, there were marked regional differences in the reporting of anomalies. The lowest incidence was in the South (630.7) and the highest in the North Central Region (988.0). Within each region, differences between racial groups were also quite noticeable. In the Northeast and West Regions the white congenital anomaly rates were lower than the Negro rates by 8 and 14 percent, respectively, while in the North Central Region the white rate exceeded the Negro rate by 9 percent and in the South Region by 18 percent. The lower incidence of Negro anomalies relative to white anomalies in the entire reporting area is a reflection of the fact that 50 percent of all Negro

Table A. Congenital anomaly rates for all anomalies combined, by region and race: Total of 46 reporting States and the District of Columbia, 1973-74 average

[Rates are live births with anomalies per 100,000 live births in specified group]

Region	Total[1]	White	Negro
All reporting areas	820.5	829.8	732.4
Northeast	781.7	772.1	843.4
North Central	988.0	999.0	919.0
South	630.7	653.0	551.9
West	928.9	898.8	1,044.6

[1]Includes races other than white and Negro.

births but only 29 percent of all white births were in the South, where rates were lowest

There is reason to believe that the relatively low congenital anomaly rates observed in the South reflect a difference in reporting practices rather than a lower occurrence of defects. As discussed in the section "Birth Weight," low birth weight[e] is associated with a greatly elevated incidence of congenital defects. Although the proportion of infants of low birth weight in the South approximated the national average for both races, the congenital anomaly rate for white births in the South was 21 percent lower than the national average and the rate for Negro births was 25 percent lower.

Birth Weight

A number of studies have noted a greatly elevated rate of anomalies among low-birth-weight infants.[16-18] Data from this study substantiate those findings. Table 3 and figure 2 present malformation rates by weight in 500-gram intervals by race of child. The rate of congenital malformations for babies of low birth weight in 1973-74 was about 2 1/2 times as high as that for babies with more adequate birth weights (1,894.1 compared with 727.1 per 100,000 live births). Infants with the very lowest birth weights had a greatly increased risk of being born with an anomaly. For births of 1,500 grams (3 pounds 4 ounces) or less the rate was 2,146.4, and for births of 1,501 to 2,000 grams (3 pounds 5 ounces to 4 pounds 6 ounces) the rate was 2,454.1. It is likely that the slightly lower congenital anomaly rate for births of 1,500 grams or less compared with births in the next higher weight group is due to the proportionately greater number of fetal deaths in the lower weight group.

With increasing weight, the congenital anomaly rate declined sharply, reaching a low of 636.9 for births of 3,501 to 4,000 grams (7 pounds 12 ounces to 8 pounds 13 ounces). However, the incidence again rose for heavier than average babies, increasing to 929.1 for babies weighing 4,501 grams (9 pounds 15 ounces) or more. This rise is probably a reflection of a higher incidence of anomalies for births to diabetic mothers. Such infants tend to be large, and it is well established that maternal diabetes is associated with a number of congenital malformations.[19,20]

There are marked differences in the incidence of malformations between white and Negro babies of low birth weight. White babies weighing 2,500 grams or less were nearly twice as likely as Negro babies of this birth weight to have a congenital anomaly (2,176.7 compared with 1,126.0). However, racial differences were considerably reduced with increasing weight, and for two of the higher weight categories the incidence of anomalies was greater for Negro babies than for white babies (figure 2).

Variations in incidence by weight were observed for nearly all of the 19 anomalies studied. The greatest dissimilarity in rates by weight was observed for anencephalus. The risk of this defect was 81 times as great for babies weighing 1,500 grams or less as for babies weighing 4,001-4,500 grams.

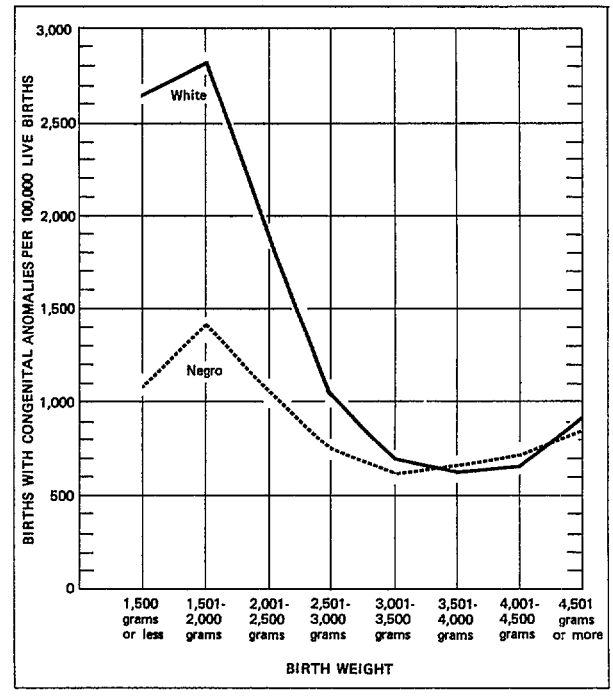

Figure 2. Congenital anomaly rates by birth weight and race for all anomalies combined, 1973-74 average.

[e]Infants weighing 2,500 grams or less (5 pounds 8 ounces or less) at birth are considered to be of low birth weight.

Age of Mother

Advancing maternal age is associated with an increased risk of bearing an infant with a congenital anomaly (table 4 and figure 3). The incidence of malformations rises steeply for mothers aged 35 and over and is particularly high for mothers aged 40 years and over. Births to this latter group of women were more than twice as likely to have a defect as were births to women aged 25-29 years, the age group with the lowest incidence of malformations (1,710.5 compared with 779.5). The pattern of risk by age was similar for white and Negro births, although the incidence was higher for white births at each age.

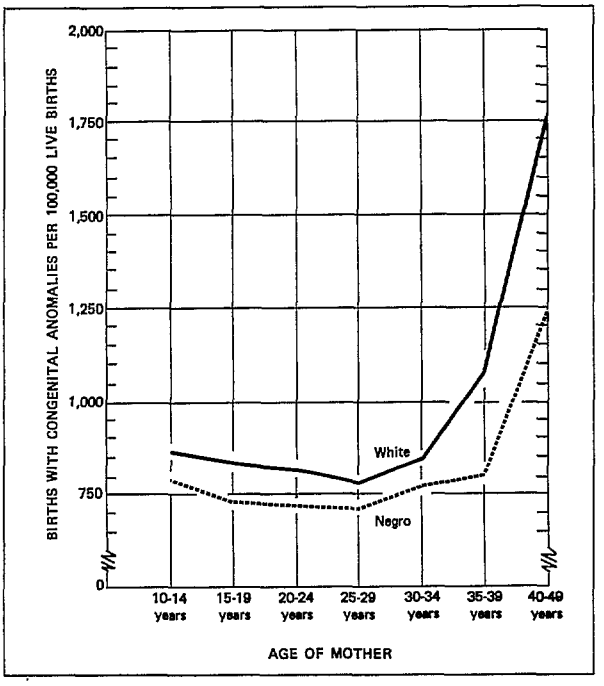

Figure 3. Congenital anomaly rates by age of mother and race for all anomalies combined, 1973-74 average.

Down's disease is the most striking example of the increased risk to older women of bearing a defective child. The incidence of this anomaly was 33 times as great for infants born to mothers aged 40-49 years as for infants born to mothers aged 20-24 years (670.5 compared with 20.2).

Birth Order and Age

Table B presents congenital anomaly rates by birth order of child and age of mother for all anomalies combined. The incidence of defects was highest for fourth and higher order births, due primarily to the relatively greater number of older women having such births. Nearly one-third of congenital anomaly births of fourth and higher order were to mothers aged 35 years and older. When each age group is examined separately, it can be seen that rates for such higher order births were generally less than rates for lower order births. Rates for first births were consistently higher than for other birth orders, regardless of age of mother. The rate for first births to women aged 35 years and older was 1,414.2, the highest observed for any age-order group. A possible explanation for the high level of risk for first births in comparison with higher birth orders is that parents may not have additional children after having a malformed one.[21] Due to the high degree of association between

Table B. Congenital anomaly rates for all anomalies combined, by age of mother and live-birth order: Total of 46 reporting States and the District of Columbia, 1973-74 average

[Rate are live births with anomalies per 100,000 live births in specified group]

Live-birth order	Total	Age of mother				
		Under 20 years	20-24 years	25-29 years	30-34 years	35 years and over
Total	820.5	811.8	804.1	779.5	835.4	1,175.4
First child	853.1	831.0	853.0	849.6	945.2	1,414.2
Second child	772.6	751.4	769.3	748.1	840.4	1,044.9
Third child	803.4	825.2	795.7	758.4	808.0	1,151.0
Fourth child and over	883.3	636.0	703.6	788.5	816.1	1,191.4

age of mother and birth order of child, it was not possible to determine which of these variables had a greater effect on the overall congenital anomaly rates.

Plurality

As shown in table 5, the incidence of congenital defects was 18 percent higher among live births in plural deliveries than among live births in single deliveries (965.7 births with defects per 100,000 live births in plural deliveries compared with 817.8 per 100,000 single live births). For nearly all anomalies studied, there was a relatively higher level of occurrence for plural births than for single births. The two notable exceptions were dislocation of the hip, where the incidence was 21 percent greater for single births than for plural births, and Down's disease, which occurred about twice as frequently among single live births as among plural live births.

One hypothesis advanced to explain the causation of mental and physical defects among multiple births is that such pregnancies produce increased nutritional demands on the mother which, if not met, result in physical and mental impairment.[22] However, in the case of monozygotic (identical) twins, some researchers view the twinning process itself as an instance of abnormal fetal development.[23]

The more frequent occurrence of low birth weight and prematurity among multiple births appears to be a critical factor in the study of congenital defects. The proportion of low-birth-weight and prematurely[f] born babies in plural deliveries are many times higher than among single live births, and these differences are far larger among white births. White babies are 10 times more likely to be of low birth weight in plural than in single deliveries and Negro babies 5 times as likely. Similarly, the incidence of prematurity is 5 times as high among white plural than single deliveries and 3 times as high among Negro plural than single deliveries. This racial disparity may provide part of the explanation for the larger differential in incidence of malformations by plurality found among white than Negro births. The risk of birth defects among white babies was 22 percent higher among plural than single births (1,010.7 compared with 826.5), but among Negro babies, the risk was only 4 percent higher among plural births (764.1 compared with 731.7).

Another factor to be considered is that white babies have lower birth weights at younger gestational ages than Negro babies. During 1973-74 the median birth weight of white infants born before 36 weeks of gestation was 77 grams lower than that of Negro infants of comparable gestational age. A study of twin pregnancies found a markedly increased incidence of congenital anomalies among premature births of 30 to 35 weeks gestation where birth weight was lower than average for gestational age.[24] The lower birth weight of white babies at younger gestational ages may therefore be an additional explanation for the larger differential in incidence of anomalies by plurality observed for white births.

Legitimacy Status

The overall incidence of malformations for illegitimate live births was less than 1 percent greater than the incidence for legitimate live births. The congenital anomaly rates per 100,00 births for these two groups were 807.6 and 805.2, respectively (table 6). However, among white births the rate for illegitimate babies was clearly higher than that for legitimate babies—936.4 compared with 812.7—a difference of 15 percent. For Negro births the differential in rates was less than 1 percent (a rate of 703.5 for illegitimate births compared with 700.4 for legitimate births).

A factor strongly associated with an increased risk of congenital anomalies is low birth weight (see "Birth Weight" section), which is more frequent among illegitimate than legitimate births. The congenital anomaly rates by race shown in table 6 reflect these differences in weight as well as other characteristics associated with legitimacy status. An attempt was therefore made to determine what the levels of congenital

[f]Premature births are those occurring before 37 weeks of gestation.

anomalies would be for each legitimacy status group if the distribution of births by birth weight for these two groups were the same as in a standard population. Adjusted congenital anomaly rates by legitimacy status were computed separately by the indirect method for each race, using as the standard for adjustment the rates by race and weight group shown in table 3. The observed and adjusted congenital anomaly rates are shown below:

Race and legitimacy status	*Observed rate*	*Weight-adjusted rate*
WHITE		
Legitimate	812.7	818.7
Illegitimate	936.4	859.6
BLACK		
Legitimate	700.4	707.7
Illegitimate	703.5	694.9

While there was a 15-percent differential in white rates by legitimacy status before adjustment for weight differences, after standardization for birth weight this was reduced to 5 percent. It appears that two-thirds of the relative difference in incidence of anomalies between white illegitimate and legitimate births is associated with the dissimilarity in birth weight, but that one-third still remains to be explained in terms of other factors related to legitimacy status.

Despite the higher percent of low birth weight among Negro illegitimate than legitimate births, the overall congenital anomaly rates for these two groups were nearly identical (703.5 and 700.4, respectively). Adjustment for birth weight differences had only a minimal effect on this relative differential in rates, reflecting the fact that low birth weight is not as strongly associated with an increased risk of anomalies for Negro as for white babies (figure 2).

Outcome of and Interval Since Last Pregnancy

One factor closely associated with the survival and health of babies is the prior pregnancy history of the mother. In a study of New York City births, low birth weight and fetal mortality were found to be far more frequent occurrences among women with past histories of fetal deaths and prematurity than among women who had had only mature live births.[25] The interval between births is an additional aspect of pregnancy history related to the outcome of pregnancy. In a study of several hundred children, it was found that siblings born within 1 year of a previous full-term pregnancy were more likely to have low birth weight and poorer mental and motor development than children born after an interval of 2 to 5 years. Additionally, the risk of neurological abnormalities was twice as great for the closely spaced births.[26] Data derived from birth certificates show a similar adverse relationship between the close spacing of births and weight at birth.

Since the incidence of congenital anomalies is so closely related to weight at birth, it is not surprising to find similar patterns of risk according to the outcome of last pregnancy and spacing of pregnancies. Table 7 shows the incidence of congenital malformations in relation to prior pregnancy outcome and the interval between pregnancies. Births to mothers whose previous pregnancy terminated in a fetal death were more likely to have a congenital anomaly than births to mothers whose previous pregnancy resulted in a live birth. For white births the risk of a congenital anomaly was increased by 22 percent; for Negro births the risk was 13 percent greater.

The incidence of anomalies was highest when the interval between births was less than 1 year, while the lowest anomaly rates were for intervals of 12-17 months through 48-59 months. The congenital anomaly rate for this last interval was 14 percent lower than the rate for births spaced less than 1 year apart (788.1 compared with 920.3 per 100,000 live births). Intervals of 5 years or more were associated with a sharp increase in rates, probably due to a greater proportion of older women in these categories.

The association between the close spacing of births and the risk of a congenital anomaly is strikingly illustrated by the data in table C. The mean interval since the termination of the last pregnancy for births with congenital anomalies was about one-third shorter than the interval for

Table C. Mean interval since termination of last pregnancy for live births with congenital anomalies and all live births, by outcome of last pregnancy and race: Total of 36 reporting States and the District of Columbia, 1973-74 average

Congenital anomaly status and outcome of last pregnancy[1]	Total[2]	White	Negro
Live births with congenital anomalies	Mean interval in months		
All second and higher order pregnancies	27.2	27.4	27.7
Last pregancy live birth	28.4	28.7	28.7
Last pregnancy fetal death	17.3	17.5	17.0
Last pregnancy outcome unknown	*12.0	*15.0	-
All live births			
All second and higher order pregnancies	40.5	40.7	40.4
Last pregnancy live birth	42.2	42.4	41.7
Last pregnancy fetal death	24.3	24.1	26.2
Last pregnancy outcome unknown	39.0	39.1	38.1

[1]Excludes births with birth order not stated and births with zero interval since last pregnancy (plural births).
[2]Includes races other than white and Negro.

all births (27.2 months compared with 40.5 months). Approximately this same relative difference in mean interval between births with congenital anomalies and all births was found regardless of whether the previous pregnancy resulted in a live birth or in a fetal death.

The study of closely spaced children cited earlier[2 6] concluded that the depressed birth weight and impaired development seen in rapid succession pregnancies are results of intrauterine impoverishment. It was theorized that close spacing of pregnancies does not allow sufficient time for full restoration of the mother's supply of critical nutrients required for optimum fetal body development.

Education of Mother

To provide a measure of the socioeconomic status of the family, the birth certificates of many States have been revised in recent years to include questions on the educational attainment of parents. In this report, congenital anomaly rates are presented by educational attainment of the mother rather than of the father since information on the father is often missing for illegitimate births.

The incidence of congenital anomalies generally decreased as educational attainment increased (table 8). The highest rate of congenital anomalies was associated with 9-11 years of schooling and the lowest rate with the completion of college or postgraduate education (879.6 and 776.7, respectively). The incidence of anomalies for births to mothers with only minimal education (8 years of schooling or less) was found to be slightly lower than that for mothers who had completed 9-11 years of schooling.

Since it is not possible for very young mothers to have completed more than a limited number of years of school, congenital anomaly rates were computed excluding births to mothers under 20 years of age. These rates are shown in table D. For most age groups the

Table D. Congenital anomaly rates for all anomalies combined, by educational attainment and age of mother: Total of 37 reporting States and the District of Columbia, 1973-74 average

[Rate are live births with anomalies per 100,000 live births in specified group]

Age of mother	Total	Years of school completed				
		0-8 years	9-11 years	12 years	13-15 years	16 years or more
All mothers aged 20 years and over	842.9	876.3	907.3	850.5	829.8	776.6
20-24 years	820.7	749.7	867.4	824.0	824.2	784.8
25-29 years	802.1	793.8	875.4	818.5	808.4	736.6
30-34 years	859.3	818.6	944.9	888.8	803.9	818.4
35 years and over	1,198.7	1,371.1	1,246.9	1,200.0	1,174.0	951.2

pattern of risk by educational level is similar to that previously described for women of all ages combined. The only exception is for mothers aged 35 years and over, where the congenital anomaly rate was highest for women with the lowest educational attainment.

For all age groups under age 35 years, 0-8 years of schooling was associated with a *lower* incidence of congenital malformations than for the next higher educational level (9-11 years). It is not possible from data tabulated for this report to explain this general depression in rates when schooling was minimal. However, other studies have reported a considerably higher incidence of malformations among stillborn infants than among live births.[19,27] The 1973-74 fetal death ratio for mothers with 0-8 years of schooling was 21 percent higher than the ratio for those with 9-11 years of schooling (23.9 compared with 19.8 fetal deaths per 1,000 live births). The higher proportion of pregnancies to women with very low educational attainment which ended in a fetal death could result in a lower congenital anomaly rate among live births for the educational category 0-8 years.

Previous studies have noted the association between socioeconomic status and the level of congenital malformations.[14,28,29] It has been suggested that this association may be attributable to the less satisfactory prenatal care, poorer hygiene, and higher incidence of malnutrition and infectious disease found among mothers with less adequate income and education.[14]

SPECIFIC FINDINGS—BIRTH INJURIES

Chances for survival are much poorer for newborns with birth injuries. A study of live births in New York City[30] found that the neonatal mortality rate[g] for babies with birth injuries was almost 4 times the citywide neonatal mortality rate for all live births. Deaths from birth injuries in the United States comprised 3.4 percent of all infant deaths during 1973-74. About one-third of such infant deaths occur during the first day of life and nearly all within the first 28 days after birth.

One or more birth injuries were reported for 2 of every 1,000 live births in 1973-74 (table 9). No injuries to the spinal cord and relatively few brain injuries were reported. The overall birth injury rate was 216.0 per 100,000 live births; by site, the rates per 100,000 live births were 10.2 for brain injuries, 82.4 for bone or nerve injuries, and 127.5 for other and unspecified injuries. However, as noted for congenital anomalies, the true incidence of such conditions cannot be ascertained from entries on birth certificates. For example, a survey of legitimate births for 1972[31] found that hospital and/or physician records noted birth injuries at about 10 times the level observed in this present study.

Race and Sex

There was a higher incidence of birth injuries among white than among Negro newborns. The birth injury rate for white babies was 217.9 per 100,000 live births, 14 percent higher than the rate of 191.3 for Negro babies (table 9).

There was a substantially higher rate of injury to male births of both races, with the overall birth injury rate for males exceeding the rate for females by 40 percent (251.1 per 100,000 live births compared with 179.0). A higher incidence of injuries to male births was found for each type of injury for both racial groups.

Birth Weight

Very small and very large babies were most likely to suffer birth injuries (table 10). The rate of injury decreased with each increment in weight, from 338.1 per 100,000 live births for babies weighing 1,500 grams (3 pounds 4 ounces) or less to a low of 144.5 for newborns weighing 2,501-3,000 grams (5 pounds 9 ounces to 6 pounds 9 ounces). Increases in weight past the 3,000-gram level were associated with a progressively higher risk of injury. The risk was especially great for the very heaviest babies, those weighing over 5,000 grams (11 pounds 1 ounce). Birth injuries were recorded for nearly 3 percent of newborns in this group.

[g]The neonatal mortality rate is the number of deaths within the first 28 days of life per 1,000 live births.

Birth injury rates were lower for Negro than for white babies weighing 3,000 grams or less, but the risk of a birth injury was greater for Negro babies at higher weights.

Plurality

As shown in table 11, the overall risk of birth injury was about the same for single live births and live births in plural deliveries (215.8 compared with 226.5 per 100,000 live births). By site of injury, the rate for single births was lower than that for plural births for brain and bone or nerve injuries but higher for other and unspecified types of injuries. These same relationships were observed for white births. For Negro births, however, the birth injury rate was substantially higher for plural live births. The difference was due mainly to the nearly threefold increase in the risk of bone or nerve injury in plural deliveries.

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TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATAGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
LIVE BIRTHS WITH CONGENITAL ANOMALIES---740-759	23,052	13,854	9,198	829.8	972.6	679.5
WHITE	19,168	11,639	7,529	841.5	994.5	679.8
NEGRO	3,205	1,815	1,390	743.2	829.3	654.4
ANENCEPHALUS---740	594	283	311	21.4	19.9	23.0
WHITE	528	245	283	23.2	20.9	25.6
NEGRO	49	27	22	11.4	12.3	10.4
SPINA BIFIDA---741	1,168	575	593	42.0	40.4	43.8
WHITE	1,066	516	550	46.8	44.1	49.7
NEGRO	81	42	39	18.8	19.2	18.4
WITH HYDROCEPHALUS---741.0	233	93	140	8.4	6.5	10.3
WHITE	217	85	132	9.5	7.3	11.9
NEGRO	12	6	6	2.8	2.7	2.8
WITHOUT MENTION OF HYDROCEPHALUS---741.9	935	482	453	33.7	33.8	33.5
WHITE	849	431	418	37.3	36.8	37.7
NEGRO	69	36	33	16.0	16.4	15.5
CONGENITAL HYDROCEPHALUS---742	450	235	215	16.2	16.5	15.9
WHITE	379	201	178	16.6	17.2	16.1
NEGRO	59	30	29	13.7	13.7	13.7
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM---743	324	151	173	11.7	10.6	12.8
WHITE	306	142	164	13.4	12.1	14.8
NEGRO	14	7	7	3.2	3.2	3.3
ENCEPHALOCELE---743.0	101	44	57	3.6	3.1	4.2
WHITE	96	41	55	4.2	3.5	5.0
NEGRO	3	3	-	0.7	1.4	-
MICROCEPHALUS---743.1	163	74	89	5.9	5.2	6.6
WHITE	155	69	86	6.8	5.9	7.8
NEGRO	6	3	3	1.4	1.4	1.4
OTHER SPECIFIED ANOMALIES OF BRAIN---743.2	5	1	4	0.2	0.1	0.3
WHITE	5	1	4	0.2	0.1	0.4
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF SPINAL CORD---743.3	4	4	-	0.1	0.3	-
WHITE	4	4	-	0.2	0.3	-
NEGRO	-	-	-	-	-	-
NEUROFIBROMATOSIS---743.4	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF NERVOUS SYSTEM---743.8	2	2	-	0.1	0.1	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF BRAIN, SPINAL CORD, AND NERVOUS SYSTEM---743.9	51	26	25	1.8	1.8	1.8
WHITE	46	25	21	2.0	2.1	1.9
NEGRO	5	1	4	1.2	0.5	1.9
CONGENITAL ANOMALIES OF EYE---744	268	150	118	9.6	10.5	8.7
WHITE	214	117	97	9.4	10.0	8.8
NEGRO	42	26	16	9.7	11.9	7.5
ANOPHTHALMOS---744.0	52	32	20	1.9	2.2	1.5
WHITE	40	26	14	1.8	2.2	1.3
NEGRO	10	6	4	2.3	2.7	1.9
MICROPHTHALMOS---744.1	19	15	4	0.7	1.1	0.3
WHITE	18	14	4	0.8	1.2	0.4
NEGRO	1	1	-	0.2	0.5	-
BUPHTHALMOS---744.2	16	14	2	0.6	1.0	0.1
WHITE	12	10	2	0.5	0.9	0.2
NEGRO	4	4	-	0.9	1.8	-
CONGENITAL CATARACT---744.3	60	23	37	2.2	1.6	2.7
WHITE	52	19	33	2.3	1.6	3.0
NEGRO	5	2	3	1.2	0.9	1.4
COLOBOMA---744.4	13	4	9	0.5	0.3	0.7
WHITE	11	2	9	0.5	0.2	0.8
NEGRO	2	2	-	0.5	0.9	-
ANIRIDIA---744.5	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
RETINITIS PIGMENTOSA---744.6	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
CONGENITAL BLEPHAROPTOSIS---744.7	5	5	-	0.2	0.4	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	1	1	-	0.2	0.5	-

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CONGENITAL ANOMALIES OF EYE--CON.						
OTHER SPECIFIED ANOMALIES OF EYE---744.8	57	40	17	2.1	2.8	1.3
WHITE	42	29	13	1.8	2.5	1.2
NEGRO	12	8	4	2.8	3.7	1.9
UNSPECIFIED ANOMALIES OF EYE---744.9	52	20	32	1.9	1.4	2.4
WHITE	43	18	25	1.9	1.5	2.3
NEGRO	7	2	5	1.6	0.9	2.4
CONGENITAL ANOMALIES OF EAR, FACE, AND NECK---745	667	395	272	24.0	27.7	20.1
WHITE	564	334	230	24.8	28.5	20.8
NEGRO	53	27	26	12.3	12.3	12.2
ANOMALIES OF EAR CAUSING IMPAIRMENT OF HEARING---745.0	83	47	36	3.0	3.3	2.7
WHITE	65	38	27	2.9	3.2	2.4
NEGRO	5	-	5	1.2	-	2.4
ACCESSORY AURICLE---745.1	30	15	15	1.1	1.1	1.1
WHITE	29	14	15	1.3	1.2	1.4
NEGRO	1	1	-	0.2	0.5	-
OTHER SPECIFIED ANOMALIES OF EAR---745.2	157	97	60	5.7	6.8	4.4
WHITE	120	77	43	5.3	6.6	3.9
NEGRO	13	6	7	3.0	2.7	3.3
UNSPECIFIED ANOMALIES OF EAR---745.3	286	179	107	10.3	12.6	7.9
WHITE	253	155	98	11.1	13.2	8.8
NEGRO	17	10	7	3.9	4.6	3.3
BRANCHIAL CLEFT, CYST, OR FISTULA AND PREAURICULAR SINUS---745.4	31	28	3	1.1	2.0	0.2
WHITE	21	20	1	0.9	1.7	0.1
NEGRO	8	6	2	1.9	2.7	0.9
WEBBING OF NECK---745.5	32	13	19	1.2	0.9	1.4
WHITE	30	13	17	1.3	1.1	1.5
NEGRO	2	-	2	0.5	-	0.9
OTHER SPECIFIED ANOMALIES OF FACE AND NECK---745.8	44	21	23	1.6	1.5	1.7
WHITE	39	17	22	1.7	1.5	2.0
NEGRO	4	3	1	0.9	1.4	0.5
UNSPECIFIED ANOMALIES OF FACE AND NECK---745.9	58	31	27	2.1	2.2	2.0
WHITE	49	30	19	2.2	2.6	1.7
NEGRO	7	1	6	1.6	0.5	2.8
CONGENITAL ANOMALIES OF HEART---746	1,687	985	702	60.7	69.2	51.9
WHITE	1,481	868	613	65.0	74.2	55.4
NEGRO	124	79	45	28.8	36.1	21.2
COMMON TRUNCUS---746.0	8	5	3	0.3	0.4	0.2
WHITE	8	5	3	0.4	0.4	0.3
NEGRO	-	-	-	-	-	-
TRANSPOSITION OF GREAT VESSELS---746.1	66	44	22	2.4	3.1	1.6
WHITE	65	43	22	2.9	3.7	2.0
NEGRO	-	-	-	-	-	-
TETRALOGY OF FALLOT---746.2	30	21	9	1.1	1.5	0.7
WHITE	26	17	9	1.1	1.5	0.8
NEGRO	4	4	-	0.9	1.8	-
VENTRICULAR SEPTAL DEFECT---746.3	138	71	67	5.0	5.0	4.9
WHITE	122	66	56	5.4	5.6	5.1
NEGRO	8	3	5	1.9	1.4	2.4
ATRIAL SEPTAL DEFECT---746.4	31	14	17	1.1	1.0	1.3
WHITE	31	14	17	1.4	1.2	1.5
NEGRO	-	-	-	-	-	-
OSTIUM ATRIOVENTRICULARE COMMUNE---746.5	2	-	2	0.1	-	0.1
WHITE	2	-	2	0.1	-	0.2
NEGRO	-	-	-	-	-	-
ANOMALIES OF HEART VALVES---746.6	73	55	18	2.6	3.9	1.3
WHITE	67	51	16	2.9	4.4	1.4
NEGRO	4	2	2	0.9	0.9	0.9
FIBROELASTOSIS CORDIS---746.7	281	150	131	10.1	10.5	9.7
WHITE	219	117	102	9.6	10.0	9.2
NEGRO	23	17	6	5.3	7.8	2.8
OTHER SPECIFIED ANOMALIES OF HEART---746.8	166	105	61	6.0	7.4	4.5
WHITE	149	92	57	6.5	7.9	5.1
NEGRO	13	9	4	3.0	4.1	1.9
UNSPECIFIED ANOMALIES OF HEART---746.9	1,006	581	425	36.2	40.8	31.4
WHITE	900	522	378	39.5	44.6	34.1
NEGRO	76	46	30	17.6	21.0	14.1
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM---747	498	271	227	17.9	19.0	16.8
WHITE	426	239	187	18.7	20.4	16.9
NEGRO	55	28	27	12.8	12.8	12.7
PATENT DUCTUS ARTERIOSUS---747.0	104	57	47	3.7	4.0	3.5
WHITE	85	48	37	3.7	4.1	3.3
NEGRO	13	7	6	3.0	3.2	2.8

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM--CON.						
COARCTATION OF AORTA--747.1	21	15	6	0.8	1.1	0.4
WHITE	19	15	4	0.8	1.3	0.4
NEGRO	2	-	2	0.5	-	0.9
OTHER ANOMALIES OF AORTA--747.2	9	5	4	0.3	0.4	0.3
WHITE	9	5	4	0.4	0.4	0.4
NEGRO	-	-	-	-	-	-
STENOSIS OR ATRESIA OF PULMONARY ARTERY--747.3	25	18	7	0.9	1.3	0.5
WHITE	25	18	7	1.1	1.5	0.6
NEGRO	-	-	-	-	-	-
ANOMALIES OF GREAT VEINS--747.4	6	4	2	0.2	0.3	0.1
WHITE	4	2	2	0.2	0.2	0.2
NEGRO	2	2	-	0.5	0.9	-
ABSENCE OR HYPOPLASIA OF UMBILICAL ARTERY--747.5	327	172	155	11.8	12.1	11.4
WHITE	279	152	127	12.2	13.0	11.5
NEGRO	37	18	19	8.6	8.2	8.9
OTHER ANOMALIES OF PERIPHERAL VASCULAR SYSTEM--747.6	19	7	12	0.7	0.5	0.9
WHITE	18	6	12	0.8	0.5	1.1
NEGRO	1	1	-	0.2	0.5	-
OTHER SPECIFIED ANOMALIES OF CIRCULATORY SYSTEM--747.8	1	1	-	0.0	0.1	-
WHITE	1	1	-	0.0	0.1	-
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM--747.9	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM--748	317	186	131	11.4	13.1	9.7
WHITE	271	156	115	11.9	13.3	10.4
NEGRO	40	28	12	9.3	12.8	5.6
CHOANAL ATRESIA--748.0	47	22	25	1.7	1.5	1.8
WHITE	38	17	21	1.7	1.5	1.9
NEGRO	9	5	4	2.1	2.3	1.9
OTHER ANOMALIES OF NOSE--748.1	93	55	38	3.3	3.9	2.8
WHITE	78	46	32	3.4	3.9	2.9
NEGRO	13	9	4	3.0	4.1	1.9
WEB OF LARYNX--748.2	4	4	-	0.1	0.3	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS--748.3	48	35	13	1.7	2.5	1.0
WHITE	38	29	9	1.7	2.5	0.8
NEGRO	10	6	4	2.3	2.7	1.9
CONGENITAL CYSTIC LUNG--748.4	15	6	9	0.5	0.4	0.7
WHITE	13	6	7	0.6	0.5	0.6
NEGRO	-	-	-	-	-	-
AGENESIS OF LUNG--748.5	15	9	6	0.5	0.6	0.4
WHITE	15	9	6	0.7	0.8	0.5
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF LUNG--748.6	99	61	38	3.6	4.3	2.8
WHITE	89	53	36	3.9	4.5	3.3
NEGRO	10	8	2	2.3	3.7	0.9
OTHER SPECIFIED ANOMALIES OF RESPIRATORY SYSTEM--748.8	2	-	2	0.1	-	0.1
WHITE	2	-	2	0.1	-	0.2
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF RESPIRATORY SYSTEM--748.9	6	4	2	0.2	0.3	0.1
WHITE	6	4	2	0.3	0.3	0.2
NEGRO	-	-	-	-	-	-
CLEFT PALATE AND CLEFT LIP--749	2,603	1,546	1,057	93.7	108.5	78.1
WHITE	2,366	1,403	963	103.9	119.9	87.0
NEGRO	157	96	61	36.4	43.9	28.7
CLEFT PALATE--749.0	798	382	416	28.7	26.8	30.7
WHITE	733	343	390	32.2	29.3	35.2
NEGRO	46	32	14	10.7	14.6	6.6
CLEFT LIP--749.1	695	450	245	25.0	31.6	18.1
WHITE	636	410	226	27.9	35.0	20.4
NEGRO	41	29	12	9.5	13.3	5.6
CLEFT PALATE WITH CLEFT LIP--749.2	1,112	716	396	40.0	50.3	29.3
WHITE	999	652	347	43.9	55.7	31.3
NEGRO	70	35	35	16.2	16.0	16.5
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT--750	702	424	278	25.3	29.8	20.5
WHITE	625	375	250	27.4	32.0	22.6
NEGRO	61	41	20	14.1	18.7	9.4
ANOMALIES OF TONGUE--750.0	275	179	96	9.9	12.6	7.1
WHITE	227	154	73	10.0	13.2	6.6
NEGRO	40	23	17	9.3	10.5	8.0

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973—CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT—CON.						
PYLORIC STENOSIS—750.1	18	11	7	0.6	0.8	0.5
WHITE	17	10	7	0.7	0.9	0.6
NEGRO	1	1	-	0.2	0.5	-
TRACHEO-ESOPHAGEAL FISTULA—750.2	200	110	90	7.2	7.7	6.6
WHITE	186	98	88	8.2	8.4	7.9
NEGRO	10	8	2	2.3	3.7	0.9
ESOPHAGEAL ATRESIA AND STENOSIS—750.3	104	68	36	3.7	4.8	2.7
WHITE	102	66	36	4.5	5.6	3.3
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF UPPER ALIMENTARY TRACT—750.8	48	26	22	1.7	1.8	1.6
WHITE	46	24	22	2.0	2.1	2.0
NEGRO	2	2	-	0.5	0.9	-
UNSPECIFIED ANOMALIES OF UPPER ALIMENTARY TRACT—750.9	90	47	43	3.2	3.3	3.2
WHITE	80	40	40	3.5	3.4	3.6
NEGRO	8	7	1	1.9	3.2	0.5
OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM—751	857	496	361	30.8	34.8	26.7
WHITE	778	455	323	34.2	38.9	29.2
NEGRO	66	30	36	15.3	13.7	16.9
MECKEL'S DIVERTICULUM—751.0	7	6	1	0.3	0.4	0.1
WHITE	5	4	1	0.2	0.3	0.1
NEGRO	-	-	-	-	-	-
ANOMALIES OF INTESTINAL FIXATION—751.1	19	7	12	0.7	0.5	0.9
WHITE	18	7	11	0.8	0.6	1.0
NEGRO	1	-	1	0.2	-	0.5
HIRSCHSPRUNG'S DISEASE—751.2	18	13	5	0.6	0.9	0.4
WHITE	13	11	2	0.6	0.9	0.2
NEGRO	5	2	3	1.2	0.9	1.4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	463	291	172	16.7	20.4	12.7
WHITE	423	266	157	18.6	22.7	14.2
NEGRO	31	16	15	7.2	7.3	7.1
OTHER ANOMALIES OF INTESTINE—751.4	321	166	155	11.6	11.7	11.4
WHITE	294	154	140	12.9	13.2	12.6
NEGRO	23	10	13	5.3	4.6	6.1
ATRESIA OF BILIARY DUCTS—751.5	4	4	-	0.1	0.3	-
WHITE	4	4	-	0.2	0.3	-
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF GALLBLADDER, BILE DUCTS, AND LIVER—751.6	37	17	20	1.3	1.2	1.5
WHITE	30	15	15	1.3	1.3	1.4
NEGRO	7	2	5	1.6	0.9	2.4
ANOMALIES OF PANCREAS—751.7	5	2	3	0.2	0.1	0.2
WHITE	5	2	3	0.2	0.2	0.3
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF DIGESTIVE SYSTEM—751.8	6	6	-	0.2	0.4	-
WHITE	6	6	-	0.3	0.5	-
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF DIGESTIVE SYSTEM—751.9	16	4	12	0.6	0.3	0.9
WHITE	16	4	12	0.7	0.3	1.1
NEGRO	-	-	-	-	-	-
CONGENITAL ANOMALIES OF GENITAL ORGANS—752	3,102	2,946	156	111.7	206.8	11.5
WHITE	2,792	2,659	133	122.6	227.2	12.0
NEGRO	231	212	19	53.6	96.9	8.9
INDETERMINATE SEX[3]—752.0	...	...	...	...	...	...
WHITE	...	...	...	...	...	...
NEGRO	...	...	...	...	...	...
UNDESCENDED TESTICLE—752.1	523	523	...	18.8	36.7	...
WHITE	455	455	...	20.0	38.9	...
NEGRO	51	51	...	11.8	23.3	...
HYPOSPADIAS—752.2	1,699	1,692	7	61.2	118.8	0.5
WHITE	1,555	1,548	7	68.3	132.3	0.6
NEGRO	122	122	-	28.3	55.7	-
EPISPADIAS—752.3	19	19	-	0.7	1.3	-
WHITE	19	19	-	0.8	1.6	-
NEGRO	-	-	-	-	-	-
CONGENITAL HYDROCELE—752.4	516	516	...	18.6	36.2	...
WHITE	466	466	...	20.5	39.8	...
NEGRO	22	22	...	5.1	10.1	...
ANOMALIES OF OVARY, FALLOPIAN TUBE, AND UTERUS—752.5	11	...	11	0.4	...	0.8
WHITE	11	...	11	0.5	...	1.0
NEGRO	-	...	-	-	...	-
ANOMALIES OF VAGINA AND EXTERNAL FEMALE GENITALIA—752.6	78	...	78	2.8	...	5.8
WHITE	67	...	67	2.9	...	6.0
NEGRO	9	...	9	2.1	...	4.2

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CONGENITAL ANOMALIES OF GENITAL ORGANS--CON.						
PSEUDOHERMAPHRODITISM----------752.7	4	2	2	0.1	0.1	0.1
WHITE----------	4	2	2	0.2	0.2	0.2
NEGRO----------	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF GENITAL ORGANS----------752.8	128	120	8	4.6	8.4	0.6
WHITE----------	113	107	6	5.0	9.1	0.5
NEGRO----------	11	9	2	2.6	4.1	0.9
UNSPECIFIED ANOMALIES OF GENITAL ORGANS----------752.9	197	138	59	7.1	9.7	4.4
WHITE----------	170	121	49	7.5	10.3	4.4
NEGRO----------	21	13	8	4.9	5.9	3.8
CONGENITAL ANOMALIES OF URINARY SYSTEM----------753	336	225	111	12.1	15.8	8.2
WHITE----------	308	204	104	13.5	17.4	9.4
NEGRO----------	24	19	5	5.6	8.7	2.4
RENAL AGENESIS----------753.0	87	51	36	3.1	3.6	2.7
WHITE----------	77	43	34	3.4	3.7	3.1
NEGRO----------	8	8	-	1.9	3.7	-
CYSTIC KIDNEY DISEASE----------753.1	89	63	26	3.2	4.4	1.9
WHITE----------	81	56	25	3.6	4.8	2.3
NEGRO----------	8	7	1	1.9	3.2	0.5
OBSTRUCTIVE DEFECTS OF URINARY TRACT----------753.2	41	31	10	1.5	2.2	0.7
WHITE----------	39	29	10	1.7	2.5	0.9
NEGRO----------	2	2	-	0.5	0.9	-
OTHER SPECIFIED ANOMALIES OF KIDNEY----------753.3	11	5	6	0.4	0.4	0.4
WHITE----------	11	5	6	0.5	0.4	0.5
NEGRO----------	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF URETER----------753.4	9	5	4	0.3	0.4	0.3
WHITE----------	9	5	4	0.4	0.4	0.4
NEGRO----------	-	-	-	-	-	-
EXTROPHY OF URINARY BLADDER----------753.5	48	33	15	1.7	2.3	1.1
WHITE----------	48	33	15	2.1	2.8	1.4
NEGRO----------	-	-	-	-	-	-
ATRESIA AND STENOSIS OF URETHRA AND BLADDER NECK----------753.6	21	16	5	0.8	1.1	0.4
WHITE----------	19	14	5	0.8	1.2	0.5
NEGRO----------	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF BLADDER AND URETHRA----------753.8	20	14	6	0.7	1.0	0.4
WHITE----------	20	14	6	0.9	1.2	0.5
NEGRO----------	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF URINARY SYSTEM----------753.9	43	26	17	1.5	1.8	1.3
WHITE----------	35	24	11	1.5	2.1	1.0
NEGRO----------	6	2	4	1.4	0.9	1.9
CLUBFOOT (CONGENITAL)----------754	2,778	1,591	1,187	100.0	111.7	87.7
WHITE----------	2,430	1,416	1,014	106.7	121.0	91.6
NEGRO----------	279	139	140	64.7	63.5	65.9
TALIPES CAVUS----------754.0	3	3	-	0.1	0.2	-
WHITE----------	3	3	-	0.1	0.3	-
NEGRO----------	-	-	-	-	-	-
TALIPES EQUINOVARUS----------754.1	433	264	169	15.6	18.5	12.5
WHITE----------	380	235	145	16.7	20.1	13.1
NEGRO----------	37	21	16	8.6	9.6	7.5
TALIPES CALCANEOVALGUS----------754.2	140	58	82	5.0	4.1	6.1
WHITE----------	122	48	74	5.4	4.1	6.7
NEGRO----------	16	8	8	3.7	3.7	3.8
TALIPES, OTHER SPECIFIED TYPES, NOT ELSEWHERE CLASSIFIABLE----------754.8	622	304	318	22.4	21.3	23.5
WHITE----------	565	283	282	24.8	24.2	25.5
NEGRO----------	45	15	30	10.4	6.9	14.1
TALIPES, UNSPECIFIED TYPE----------754.9	1,607	973	634	57.8	68.3	46.8
WHITE----------	1,383	858	525	60.7	73.3	47.4
NEGRO----------	185	95	90	42.9	43.4	42.4
OTHER CONGENITAL ANOMALIES OF LIMBS----------755	5,349	2,822	2,527	192.5	198.1	186.7
WHITE----------	3,581	1,885	1,696	157.2	161.1	153.1
NEGRO----------	1,611	845	766	373.6	386.1	360.6
POLYDACTYLY----------755.0	2,239	1,267	972	80.6	89.0	71.8
WHITE----------	923	557	366	40.5	47.6	33.0
NEGRO----------	1,269	675	594	294.3	308.4	279.6
SYNDACTYLY----------755.1	575	369	206	20.7	25.9	15.2
WHITE----------	514	333	181	22.6	28.5	16.3
NEGRO----------	47	26	21	10.9	11.9	9.9
REDUCTION DEFORMITY OF UPPER LIMB----------755.2	457	260	197	16.5	18.3	14.6
WHITE----------	391	219	172	17.2	18.7	15.5
NEGRO----------	62	37	25	14.4	16.9	11.8
REDUCTION DEFORMITY OF LOWER LIMB----------755.3	191	123	68	6.9	8.6	5.0
WHITE----------	168	109	59	7.4	9.3	5.3
NEGRO----------	16	9	7	3.7	4.1	3.3

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF LIMBS--CON.						
REDUCTION DEFORMITY, UNSPECIFIED LIMB--755.4	27	18	9	1.0	1.3	0.7
WHITE	25	17	8	1.1	1.5	0.7
NEGRO	2	1	1	0.5	0.5	0.5
OTHER ANOMALY OF UPPER LIMB (INCLUDING SHOULDER GIRDLE)--755.5	561	323	238	20.2	22.7	17.6
WHITE	479	285	194	21.0	24.4	17.5
NEGRO	72	30	42	16.7	13.7	19.8
CONGENITAL DISLOCATION OF HIP--755.6	414	119	295	14.9	8.4	21.8
WHITE	370	101	269	16.2	8.6	24.3
NEGRO	22	14	8	5.1	6.4	3.8
OTHER ANOMALY OF LOWER LIMB (INCLUDING PELVIC GIRDLE)--755.7	1,243	576	667	44.7	40.4	49.3
WHITE	1,016	469	547	44.6	40.1	49.4
NEGRO	160	73	87	37.1	33.4	41.0
GENERALIZED FLEXION CONTRACTURE OF LIMB JOINTS--755.8	15	1	14	0.5	0.1	1.0
WHITE	14	1	13	0.6	0.1	1.2
NEGRO	1	-	1	0.2	-	0.5
OTHER AND UNSPECIFIED ANOMALIES OF UNSPECIFIED LIMB--755.9	86	36	50	3.1	2.5	3.7
WHITE	66	30	36	2.9	2.6	3.3
NEGRO	18	6	12	4.2	2.7	5.6
OTHER CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM--756	948	527	421	34.1	37.0	31.1
WHITE	833	459	374	36.6	39.2	33.8
NEGRO	93	52	41	21.6	23.8	19.3
ANOMALIES OF SKULL AND FACE BONES--756.0	333	189	144	12.0	13.3	10.6
WHITE	289	158	131	12.7	13.5	11.8
NEGRO	34	23	11	7.9	10.5	5.2
ANOMALIES OF LUMBOSACRAL JOINT--756.1	18	10	8	0.6	0.7	0.6
WHITE	18	10	8	0.8	0.9	0.7
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF SPINE--756.2	87	40	47	3.1	2.8	3.5
WHITE	76	36	40	3.3	3.1	3.6
NEGRO	3	-	3	0.7	-	1.4
CERVICAL RIB--756.3	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF RIBS AND STERNUM--756.4	91	59	32	3.3	4.1	2.4
WHITE	81	53	28	3.6	4.5	2.5
NEGRO	6	2	4	1.4	0.9	1.9
CHONDRODYSTROPHY--756.5	81	41	40	2.9	2.9	3.0
WHITE	72	39	33	3.2	3.3	3.0
NEGRO	9	2	7	2.1	0.9	3.3
OSTEOGENESIS IMPERFECTA--756.6	43	12	31	1.5	0.8	2.3
WHITE	37	12	25	1.6	1.0	2.3
NEGRO	6	-	6	1.4	-	2.8
OTHER GENERALIZED ANOMALIES OF SKELETON--756.7	24	8	16	0.9	0.6	1.2
WHITE	23	8	15	1.0	0.7	1.4
NEGRO	1	-	1	0.2	-	0.5
OTHER SPECIFIED ANOMALIES OF MUSCLE, TENDON, AND FASCIA--756.8	197	140	57	7.1	9.8	4.2
WHITE	172	120	52	7.6	10.3	4.7
NEGRO	23	18	5	5.3	8.2	2.4
UNSPECIFIED ANOMALIES OF MUSCULOSKELETAL SYSTEM--756.9	103	55	48	3.7	3.9	3.5
WHITE	89	45	44	3.9	3.8	4.0
NEGRO	14	10	4	3.2	4.6	1.9
CONGENITAL ANOMALIES OF SKIN, HAIR, AND NAILS--757	948	507	441	34.1	35.6	32.6
WHITE	682	352	330	29.9	30.1	29.8
NEGRO	218	137	81	50.5	62.6	38.1
HEREDITARY EDEMA OF LEGS--757.0	2	2	-	0.1	0.1	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
PIGMENTED NEVUS--757.1	116	63	53	4.2	4.4	3.9
WHITE	76	38	38	3.3	3.2	3.4
NEGRO	28	19	9	6.5	8.7	4.2
OTHER SPECIFIED ANOMALIES OF SKIN--757.2	677	348	329	24.4	24.4	24.3
WHITE	469	230	239	20.6	19.7	21.6
NEGRO	178	110	68	41.3	50.3	32.0
SPECIFIED ANOMALIES OF HAIR--757.3	9	5	4	0.3	0.4	0.3
WHITE	7	3	4	0.3	0.3	0.4
NEGRO	-	-	-	-	-	-
SPECIFIED ANOMALIES OF NAILS--757.4	13	9	4	0.5	0.6	0.3
WHITE	13	9	4	0.6	0.8	0.4
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF SKIN, HAIR, AND NAILS--757.9	134	83	51	4.8	5.8	3.8
WHITE	118	73	45	5.2	6.2	4.1
NEGRO	12	8	4	2.8	3.7	1.9

SEE FOOTNOTES AT END OF TABLE.

TABLE 1A. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973—CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES—758	390	225	165	14.0	15.8	12.2
WHITE	326	191	135	14.3	16.3	12.2
NEGRO	53	24	29	12.3	11.0	13.7
ANOMALIES OF SPLEEN—758.0	16	5	11	0.6	0.4	0.8
WHITE	11	3	8	0.5	0.3	0.7
NEGRO	5	2	3	1.2	0.9	1.4
ANOMALIES OF ADRENAL GLAND—758.1	6	6	-	0.2	0.4	-
WHITE	6	6	-	0.3	0.5	-
NEGRO	-	-	-	-	-	-
ANOMALIES OF THYROID GLAND—758.2	2	2	-	0.1	0.1	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
ANOMALIES OF OTHER ENDOCRINE GLANDS—758.3	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED CONGENITAL ANOMALIES—758.8	208	118	90	7.5	8.3	6.6
WHITE	179	106	73	7.9	9.1	6.6
NEGRO	24	8	16	5.6	3.7	7.5
UNSPECIFIED CONGENITAL ANOMALY—758.9	159	94	65	5.7	6.6	4.8
WHITE	129	74	55	5.7	6.3	5.0
NEGRO	24	14	10	5.6	6.4	4.7
CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS—759	1,928	977	951	69.4	68.6	70.3
WHITE	1,727	887	840	75.8	75.8	75.8
NEGRO	156	75	81	36.2	34.3	38.1
SITUS INVERSUS—759.0	11	5	6	0.4	0.4	0.4
WHITE	11	5	6	0.5	0.4	0.5
NEGRO	-	-	-	-	-	-
CONJOINED TWINS—759.1	12	-	12	0.4	-	0.9
WHITE	10	-	10	0.4	-	0.9
NEGRO	2	-	2	0.5	-	0.9
OTHER FORMS OF MONSTER—759.2	19	9	10	0.7	0.6	0.7
WHITE	18	9	9	0.8	0.8	0.8
NEGRO	1	-	1	0.2	-	0.5
DOWN'S DISEASE—759.3	1,053	519	534	37.9	36.4	39.4
WHITE	958	470	488	42.1	40.2	44.1
NEGRO	67	37	30	15.5	16.9	14.1
OTHER SYNDROMES DUE TO AUTOSOMAL ABNORMALITY—759.4	99	49	50	3.6	3.4	3.7
WHITE	83	43	40	3.6	3.7	3.6
NEGRO	10	6	4	2.3	2.7	1.9
SYNDROMES DUE TO SEX CHROMOSOME ABNORMALITY—759.5	30	1	29	1.1	0.1	2.1
WHITE	24	1	23	1.1	0.1	2.1
NEGRO	4	-	4	0.9	-	1.9
TUBEROUS SCLEROSIS—759.6	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED SYNDROMES—759.8	30	9	21	1.1	0.6	1.6
WHITE	26	9	17	1.1	0.8	1.5
NEGRO	4	-	4	0.9	-	1.9
MULTIPLE CONGENITAL ANOMALIES, UNSPECIFIED—759.9	705	397	308	25.4	27.9	22.8
WHITE	628	362	266	27.6	30.9	24.0
NEGRO	68	32	36	15.8	14.6	16.9

[1] SUBCATEGORIES OF ANOMALIES ARE NOT ADDITIVE SINCE MORE THAN ONE CONDITION MAY EXIST AT BIRTH.
[2] TOTAL FOR EACH ANOMALY INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[3] DATA INCLUDED WITH UNSPECIFIED ANOMALIES OF GENITAL ORGANS (752.9).

TABLE 1B. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATAGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	22,767	13,513	9,254	811.3	938.2	677.6
WHITE	18,873	11,351	7,522	818.3	956.9	671.4
NEGRO	3,081	1,733	1,348	721.6	800.1	640.7
ANENCEPHALUS—740	576	277	299	20.5	19.2	21.9
WHITE	523	253	270	22.7	21.3	24.1
NEGRO	33	16	17	7.7	7.4	8.1
SPINA BIFIDA—741	1,267	575	692	45.2	39.9	50.7
WHITE	1,150	512	638	49.9	43.2	56.9
NEGRO	96	58	38	22.5	26.8	18.1
WITH HYDROCEPHALUS—741.0	238	98	140	8.5	6.8	10.3
WHITE	220	85	135	9.5	7.2	12.1
NEGRO	14	13	1	3.3	6.0	0.5
WITHOUT MENTION OF HYDROCEPHALUS—741.9	1,034	479	555	36.8	33.3	40.6
WHITE	935	429	506	40.5	36.2	45.2
NEGRO	82	45	37	19.2	20.8	17.6
CONGENITAL HYDROCEPHALUS—742	458	269	189	16.3	18.7	13.8
WHITE	391	223	168	17.0	18.8	15.0
NEGRO	59	40	19	13.8	18.5	9.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM—743	334	154	180	11.9	10.7	13.2
WHITE	305	138	167	13.2	11.6	14.9
NEGRO	23	12	11	5.4	5.5	5.2
ENCEPHALOCELE—743.0	111	50	61	4.0	3.5	4.5
WHITE	100	44	56	4.3	3.7	5.0
NEGRO	11	6	5	2.6	2.8	2.4
MICROCEPHALUS—743.1	167	68	99	6.0	4.7	7.2
WHITE	158	63	95	6.9	5.3	8.5
NEGRO	7	3	4	1.6	1.4	1.9
OTHER SPECIFIED ANOMALIES OF BRAIN—743.2	16	8	8	0.6	0.6	0.6
WHITE	11	6	5	0.5	0.5	0.4
NEGRO	1	-	1	0.2	-	0.5
OTHER SPECIFIED ANOMALIES OF SPINAL CORD—743.3	3	3	-	0.1	0.2	-
WHITE	3	3	-	0.1	0.3	-
NEGRO	-	-	-	-	-	-
NEUROFIBROMATOSIS—743.4	1	1	-	0.0	0.1	-
WHITE	-	-	-	-	-	-
NEGRO	1	1	-	0.2	0.5	-
OTHER SPECIFIED ANOMALIES OF NERVOUS SYSTEM—743.8	2	-	2	0.1	-	0.1
WHITE	2	-	2	0.1	-	0.2
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF BRAIN, SPINAL CORD, AND NERVOUS SYSTEM—743.9	53	31	22	1.9	2.2	1.6
WHITE	50	29	21	2.2	2.4	1.9
NEGRO	3	2	1	0.7	0.9	0.5
CONGENITAL ANOMALIES OF EYE—744	264	136	128	9.4	9.4	9.4
WHITE	215	113	102	9.3	9.5	9.1
NEGRO	41	19	22	9.6	8.8	10.5
ANOPHTHALMOS—744.0	50	22	28	1.8	1.5	2.1
WHITE	40	20	20	1.7	1.7	1.8
NEGRO	6	-	6	1.4	-	2.9
MICROPHTHALMOS—744.1	33	23	10	1.2	1.6	0.7
WHITE	30	22	8	1.3	1.9	0.7
NEGRO	3	1	2	0.7	0.5	1.0
BUPHTHALMOS—744.2	22	12	10	0.8	0.8	0.7
WHITE	17	9	8	0.7	0.8	0.7
NEGRO	5	3	2	1.2	1.4	1.0
CONGENITAL CATARACT—744.3	59	30	29	2.1	2.1	2.1
WHITE	51	26	25	2.2	2.2	2.2
NEGRO	6	4	2	1.4	1.8	1.0
COLOBOMA—744.4	4	2	2	0.1	0.1	0.1
WHITE	2	2	-	0.1	0.2	-
NEGRO	2	-	2	0.5	-	1.0
ANIRIDIA—744.5	4	4	-	0.1	0.3	-
WHITE	4	4	-	0.2	0.3	-
NEGRO	-	-	-	-	-	-
RETINITIS PIGMENTOSA—744.6	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
CONGENITAL BLEPHAROPTOSIS—744.7	5	2	3	0.2	0.1	0.2
WHITE	4	2	2	0.2	0.2	0.2
NEGRO	1	-	1	0.2	-	0.5

SEE FOOTNOTES AT END OF TABLE.

TABLE 18. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CONGENITAL ANOMALIES OF EYE--CON.						
OTHER SPECIFIED ANOMALIES OF EYE----744.8	58	30	28	2.1	2.1	2.1
WHITE	41	19	22	1.8	1.6	2.0
NEGRO	15	9	6	3.5	4.2	2.9
UNSPECIFIED ANOMALIES OF EYE----744.9	40	20	20	1.4	1.4	1.5
WHITE	37	18	19	1.6	1.5	1.7
NEGRO	3	2	1	0.7	0.9	0.5
CONGENITAL ANOMALIES OF EAR, FACE, AND NECK----745	653	379	274	23.3	26.3	20.1
WHITE	560	329	231	24.3	27.7	20.6
NEGRO	53	26	27	12.4	12.0	12.8
ANOMALIES OF EAR CAUSING IMPAIRMENT OF HEARING----745.0	77	48	29	2.7	3.3	2.1
WHITE	66	45	21	2.9	3.8	1.9
NEGRO	3	1	2	0.7	0.5	1.0
ACCESSORY AURICLE----745.1	21	10	11	0.7	0.7	0.8
WHITE	20	10	10	0.9	0.8	0.9
NEGRO	1	-	1	0.2	-	0.5
OTHER SPECIFIED ANOMALIES OF EAR----745.2	187	110	77	6.7	7.6	5.6
WHITE	157	95	62	6.8	8.0	5.5
NEGRO	24	11	13	5.6	5.1	6.2
UNSPECIFIED ANOMALIES OF EAR----745.3	255	147	108	9.1	10.2	7.9
WHITE	222	130	92	9.6	11.0	8.2
NEGRO	9	5	4	2.1	2.3	1.9
BRANCHIAL CLEFT, CYST, OR FISTULA AND PREAURICULAR SINUS----745.4	38	29	9	1.4	2.0	0.7
WHITE	33	25	8	1.4	2.1	0.7
NEGRO	3	2	1	0.7	0.9	0.5
WEBBING OF NECK----745.5	20	8	12	0.7	0.6	0.9
WHITE	17	8	9	0.7	0.7	0.8
NEGRO	3	-	3	0.7	-	1.4
OTHER SPECIFIED ANOMALIES OF FACE AND NECK----745.8	54	34	20	1.9	2.4	1.5
WHITE	44	24	20	1.9	2.0	1.8
NEGRO	6	6	-	1.4	2.8	-
UNSPECIFIED ANOMALIES OF FACE AND NECK----745.9	43	15	28	1.5	1.0	2.1
WHITE	39	14	25	1.7	1.2	2.2
NEGRO	4	1	3	0.9	0.5	1.4
CONGENITAL ANOMALIES OF HEART----746	1,796	1,020	776	64.0	70.8	56.8
WHITE	1,558	898	660	67.5	75.7	58.9
NEGRO	134	73	61	31.4	33.7	29.0
COMMON TRUNCUS----746.0	8	5	3	0.3	0.3	0.2
WHITE	6	3	3	0.3	0.3	0.3
NEGRO	2	2	-	0.5	0.9	-
TRANSPOSITION OF GREAT VESSELS----746.1	97	72	25	3.5	5.0	1.8
WHITE	91	66	25	3.9	5.6	2.2
NEGRO	4	4	-	0.9	1.8	-
TETRALOGY OF FALLOT----746.2	34	20	14	1.2	1.4	1.0
WHITE	30	18	12	1.3	1.5	1.1
NEGRO	4	2	2	0.9	0.9	1.0
VENTRICULAR SEPTAL DEFECT----746.3	96	47	49	3.4	3.3	3.6
WHITE	87	43	44	3.8	3.6	3.9
NEGRO	7	4	3	1.6	1.8	1.4
ATRIAL SEPTAL DEFECT----746.4	32	17	15	1.1	1.2	1.1
WHITE	30	15	15	1.3	1.3	1.3
NEGRO	2	2	-	0.5	0.9	-
OSTIUM ATRIOVENTRICULARE COMMUNE----746.5	2	2	-	0.1	0.1	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
ANOMALIES OF HEART VALVES----746.6	83	48	35	3.0	3.3	2.6
WHITE	74	45	29	3.2	3.8	2.6
NEGRO	6	3	3	1.4	1.4	1.4
FIBROELASTOSIS CORDIS----746.7	425	196	229	15.1	13.6	16.8
WHITE	316	146	170	13.7	12.3	15.2
NEGRO	39	19	20	9.1	8.8	9.5
OTHER SPECIFIED ANOMALIES OF HEART----746.8	157	98	59	5.6	6.8	4.3
WHITE	141	92	49	6.1	7.8	4.4
NEGRO	12	5	7	2.8	2.3	3.3
UNSPECIFIED ANOMALIES OF HEART----746.9	953	555	398	34.0	38.5	29.1
WHITE	859	500	359	37.2	42.2	32.0
NEGRO	70	40	30	16.4	18.5	14.3
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM----747	527	266	261	18.8	18.5	19.1
WHITE	462	235	227	20.0	19.8	20.3
NEGRO	44	20	24	10.3	9.2	11.4
PATENT DUCTUS ARTERIOSUS----747.0	107	54	53	3.8	3.7	3.9
WHITE	89	44	45	3.9	3.7	4.0
NEGRO	10	4	6	2.3	1.8	2.9

SEE FOOTNOTES AT END OF TABLE.

TABLE 18. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM--CON.						
COARCTATION OF AORTA----747.1	14	9	5	0.5	0.6	0.4
WHITE	14	9	5	0.6	0.8	0.4
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF AORTA----747.2	13	9	4	0.5	0.6	0.3
WHITE	13	9	4	0.6	0.8	0.4
NEGRO	-	-	-	-	-	-
STENOSIS OR ATRESIA OF PULMONARY ARTERY----747.3	22	10	12	0.8	0.7	0.9
WHITE	20	8	12	0.9	0.7	1.1
NEGRO	2	2	-	0.5	0.9	-
ANOMALIES OF GREAT VEINS----747.4	6	4	2	0.2	0.3	0.1
WHITE	4	4	-	0.2	0.3	-
NEGRO	2	-	2	0.5	-	1.0
ABSENCE OR HYPOPLASIA OF UMBILICAL ARTERY----747.5	353	176	177	12.6	12.2	13.0
WHITE	310	157	153	13.4	13.2	13.7
NEGRO	30	14	16	7.0	6.5	7.6
OTHER ANOMALIES OF PERIPHERAL VASCULAR SYSTEM----747.6	16	4	12	0.6	0.3	0.9
WHITE	16	4	12	0.7	0.3	1.1
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF CIRCULATORY SYSTEM----747.8	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM----747.9	8	4	4	0.3	0.3	0.3
WHITE	8	4	4	0.3	0.3	0.4
NEGRO	-	-	-	-	-	-
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM----748	262	128	134	9.3	8.9	9.8
WHITE	235	122	113	10.2	10.3	10.1
NEGRO	14	3	11	3.3	1.4	5.2
CHOANAL ATRESIA----748.0	31	18	13	1.1	1.2	1.0
WHITE	27	16	11	1.2	1.3	1.0
NEGRO	4	2	2	0.9	0.9	1.0
OTHER ANOMALIES OF NOSE----748.1	76	27	49	2.7	1.9	3.6
WHITE	60	24	36	2.6	2.0	3.2
NEGRO	7	-	7	1.6	-	3.3
WEB OF LARYNX----748.2	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS----748.3	35	27	8	1.2	1.9	0.6
WHITE	32	27	5	1.4	2.3	0.4
NEGRO	1	-	1	0.2	-	0.5
CONGENITAL CYSTIC LUNG----748.4	11	5	6	0.4	0.3	0.4
WHITE	11	5	6	0.5	0.4	0.5
NEGRO	-	-	-	-	-	-
AGENESIS OF LUNG----748.5	18	8	10	0.6	0.6	0.7
WHITE	16	8	8	0.7	0.7	0.7
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF LUNG----748.6	93	48	45	3.3	3.3	3.3
WHITE	91	47	44	3.9	4.0	3.9
NEGRO	2	1	1	0.5	0.5	0.5
OTHER SPECIFIED ANOMALIES OF RESPIRATORY SYSTEM----748.8	3	-	3	0.1	-	0.2
WHITE	3	-	3	0.1	-	0.3
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF RESPIRATORY SYSTEM----748.9	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
CLEFT PALATE AND CLEFT LIP----749	2,619	1,497	1,122	93.3	103.9	82.1
WHITE	2,304	1,328	976	99.9	112.0	87.1
NEGRO	206	115	91	48.2	53.1	43.3
CLEFT PALATE----749.0	840	384	456	29.9	26.7	33.4
WHITE	734	329	405	31.8	27.7	36.2
NEGRO	74	40	34	17.3	18.5	16.2
CLEFT LIP----749.1	638	394	244	22.7	27.4	17.9
WHITE	572	355	217	24.8	29.9	19.4
NEGRO	39	23	16	9.1	10.6	7.6
CLEFT PALATE WITH CLEFT LIP----749.2	1,141	719	422	40.7	49.9	30.9
WHITE	998	644	354	43.3	54.3	31.6
NEGRO	93	52	41	21.8	24.0	19.5
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT----750	620	395	225	22.1	27.4	16.5
WHITE	531	341	190	23.0	28.7	17.0
NEGRO	72	47	25	16.9	21.7	11.9
ANOMALIES OF TONGUE----750.0	277	194	83	9.9	13.5	6.1
WHITE	238	166	72	10.3	14.0	6.4
NEGRO	32	25	7	7.5	11.5	3.3

SEE FOOTNOTES AT END OF TABLE.

TABLE 18. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT--CON.						
PYLORIC STENOSIS----750.1	7	5	2	0.2	0.3	0.1
WHITE	7	5	2	0.3	0.4	0.2
NEGRO	-	-	-	-	-	-
TRACHEO-ESOPHAGEAL FISTULA----750.2	127	80	47	4.5	5.6	3.4
WHITE	112	74	38	4.9	6.2	3.4
NEGRO	9	4	5	2.1	1.8	2.4
ESOPHAGEAL ATRESIA AND STENOSIS----750.3	67	42	25	2.4	2.9	1.8
WHITE	65	40	25	2.8	3.4	2.2
NEGRO	2	2	-	0.5	0.9	-
OTHER SPECIFIED ANOMALIES OF UPPER ALIMENTARY TRACT----750.8	44	21	23	1.6	1.5	1.7
WHITE	32	17	15	1.4	1.4	1.3
NEGRO	10	4	6	2.3	1.8	2.9
UNSPECIFIED ANOMALIES OF UPPER ALIMENTARY TRACT----750.9	117	64	53	4.2	4.4	3.9
WHITE	96	50	46	4.2	4.2	4.1
NEGRO	19	12	7	4.4	5.5	3.3
OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM----751	747	490	257	26.6	34.0	18.8
WHITE	659	428	231	28.6	36.1	20.6
NEGRO	61	44	17	14.3	20.3	8.1
MECKEL'S DIVERTICULUM----751.0	2	2	-	0.1	0.1	-
WHITE	2	2	-	0.1	0.2	-
NEGRO	-	-	-	-	-	-
ANOMALIES OF INTESTINAL FIXATION----751.1	21	15	6	0.7	1.0	0.4
WHITE	19	13	6	0.8	1.1	0.5
NEGRO	-	-	-	-	-	-
HIRSCHSPRUNG'S DISEASE----751.2	21	19	2	0.7	1.3	0.1
WHITE	18	16	2	0.8	1.3	0.2
NEGRO	-	-	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL----751.3	421	304	117	15.0	21.1	8.6
WHITE	380	270	110	16.5	22.8	9.8
NEGRO	31	27	4	7.3	12.5	1.9
OTHER ANOMALIES OF INTESTINE----751.4	257	140	117	9.2	9.7	8.6
WHITE	220	118	102	9.5	9.9	9.1
NEGRO	25	16	9	5.9	7.4	4.3
ATRESIA OF BILIARY DUCTS----751.5	2	1	1	0.1	0.1	0.1
WHITE	2	1	1	0.1	0.1	0.1
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF GALLBLADDER, BILE DUCTS, AND LIVER----751.6	32	11	21	1.1	0.8	1.5
WHITE	27	10	17	1.2	0.8	1.5
NEGRO	5	1	4	1.2	0.5	1.9
ANOMALIES OF PANCREAS----751.7	3	3	-	0.1	0.2	-
WHITE	3	3	-	0.1	0.3	-
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF DIGESTIVE SYSTEM----751.8	3	3	-	0.1	0.2	-
WHITE	3	3	-	0.1	0.3	-
NEGRO	-	-	-	-	-	-
UNSPECIFIED ANOMALIES OF DIGESTIVE SYSTEM----751.9	7	6	1	0.2	0.4	0.1
WHITE	7	6	1	0.3	0.5	0.1
NEGRO	-	-	-	-	-	-
CONGENITAL ANOMALIES OF GENITAL ORGANS----752	2,855	2,733	122	101.7	189.8	8.9
WHITE	2,538	2,431	107	110.0	204.9	9.6
NEGRO	235	220	15	55.0	101.6	7.1
INDETERMINATE SEX[3]----752.0	...	...	...	...	...	...
WHITE	...	...	...	...	...	...
NEGRO	...	...	...	...	...	...
UNDESCENDED TESTICLE----752.1	451	451	...	16.1	31.3	...
WHITE	378	378	...	16.4	31.9	...
NEGRO	45	45	...	10.5	20.8	...
HYPOSPADIAS----752.2	1,625	1,621	4	57.9	112.5	0.3
WHITE	1,462	1,458	4	63.4	122.9	0.4
NEGRO	133	133	-	31.1	61.4	-
EPISPADIAS----752.3	31	31	-	1.1	2.2	-
WHITE	31	31	-	1.3	2.6	-
NEGRO	-	-	-	-	-	-
CONGENITAL HYDROCELE----752.4	481	481	...	17.1	33.4	...
WHITE	442	442	...	19.2	37.3	...
NEGRO	23	23	...	5.4	10.6	...
ANOMALIES OF OVARY, FALLOPIAN TUBE, AND UTERUS----752.5	6	...	6	0.2	...	0.4
WHITE	6	...	6	0.3	...	0.5
NEGRO	-	...	-	-	...	-
ANOMALIES OF VAGINA AND EXTERNAL FEMALE GENITALIA----752.6	49	...	49	1.7	...	3.6
WHITE	42	...	42	1.8	...	3.7
NEGRO	7	...	7	1.6	...	3.3

SEE FOOTNOTES AT END OF TABLE.

TABLE 1B. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CONGENITAL ANOMALIES OF GENITAL ORGANS--CON.						
PSEUDOHERMAPHRODITISM--752.7	4	2	2	0.1	0.1	0.1
WHITE	4	2	2	0.2	0.2	0.2
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF GENITAL ORGANS--752.8	111	99	12	4.0	6.9	0.9
WHITE	98	86	12	4.2	7.3	1.1
NEGRO	8	8	-	1.9	3.7	-
UNSPECIFIED ANOMALIES OF GENITAL ORGANS--752.9	157	106	51	5.6	7.4	3.7
WHITE	130	87	43	5.6	7.3	3.8
NEGRO	22	14	8	5.2	6.5	3.8
CONGENITAL ANOMALIES OF URINARY SYSTEM--753	365	255	110	13.0	17.7	8.1
WHITE	323	226	97	14.0	19.1	8.7
NEGRO	32	21	11	7.5	9.7	5.2
RENAL AGENESIS--753.0	100	71	29	3.6	4.9	2.1
WHITE	94	66	28	4.1	5.6	2.5
NEGRO	6	5	1	1.4	2.3	0.5
CYSTIC KIDNEY DISEASE--753.1	81	51	30	2.9	3.5	2.2
WHITE	72	44	28	3.1	3.7	2.5
NEGRO	7	5	2	1.6	2.3	1.0
OBSTRUCTIVE DEFECTS OF URINARY TRACT--753.2	55	43	12	2.0	3.0	0.9
WHITE	49	38	11	2.1	3.2	1.0
NEGRO	6	5	1	1.4	2.3	0.5
OTHER SPECIFIED ANOMALIES OF KIDNEY--753.3	18	11	7	0.6	0.8	0.5
WHITE	11	6	5	0.5	0.5	0.4
NEGRO	3	1	2	0.7	0.5	1.0
OTHER SPECIFIED ANOMALIES OF URETER--753.4	5	3	2	0.2	0.2	0.1
WHITE	3	1	2	0.1	0.1	0.2
NEGRO	2	2	-	0.5	0.9	-
EXTROPHY OF URINARY BLADDER--753.5	46	34	12	1.6	2.4	0.9
WHITE	41	32	9	1.8	2.7	0.8
NEGRO	5	2	3	1.2	0.9	1.4
ATRESIA AND STENOSIS OF URETHRA AND BLADDER NECK--753.6	20	18	2	0.7	1.2	0.1
WHITE	20	18	2	0.9	1.5	0.2
NEGRO	-	-	-	-	-	-
OTHER SPECIFIED ANOMALIES OF BLADDER AND URETHRA--753.8	27	17	10	1.0	1.2	0.7
WHITE	23	13	10	1.0	1.1	0.9
NEGRO	2	2	-	0.5	0.9	-
UNSPECIFIED ANOMALIES OF URINARY SYSTEM--753.9	46	30	16	1.6	2.1	1.2
WHITE	39	29	10	1.7	2.4	0.9
NEGRO	5	1	4	1.2	0.5	1.9
CLUBFOOT (CONGENITAL)--754	2,770	1,612	1,158	98.7	111.9	84.8
WHITE	2,444	1,436	1,008	106.0	121.1	90.0
NEGRO	254	143	111	59.5	66.0	52.8
TALIPES CAVUS--754.0	7	3	4	0.2	0.2	0.3
WHITE	6	3	3	0.3	0.3	0.3
NEGRO	1	-	1	0.2	-	0.5
TALIPES EQUINOVARUS--754.1	418	254	164	14.9	17.6	12.0
WHITE	372	232	140	16.1	19.6	12.5
NEGRO	34	16	18	8.0	7.4	8.6
TALIPES CALCANEOVALGUS--754.2	148	61	87	5.3	4.2	6.4
WHITE	125	54	71	5.4	4.6	6.3
NEGRO	17	7	10	4.0	3.2	4.8
TALIPES, OTHER SPECIFIED TYPES, NOT ELSEWHERE CLASSIFIABLE--754.8	541	274	267	19.3	19.0	19.5
WHITE	479	244	235	20.8	20.6	21.0
NEGRO	45	24	21	10.5	11.1	10.0
TALIPES, UNSPECIFIED TYPE--754.9	1,696	1,042	654	60.4	72.3	47.9
WHITE	1,499	924	575	65.0	77.9	51.3
NEGRO	160	97	63	37.5	44.8	29.9
OTHER CONGENITAL ANOMALIES OF LIMBS--755	5,231	2,722	2,509	186.4	189.0	183.7
WHITE	3,465	1,817	1,648	150.2	153.2	147.1
NEGRO	1,551	807	744	363.2	372.6	353.6
POLYDACTYLY--755.0	2,130	1,182	948	75.9	82.1	69.4
WHITE	885	514	371	38.4	43.3	33.1
NEGRO	1,202	648	554	281.5	299.2	263.3
SYNDACTYLY--755.1	551	359	192	19.6	24.9	14.1
WHITE	504	333	171	21.9	28.1	15.3
NEGRO	34	17	17	8.0	7.8	8.1
REDUCTION DEFORMITY OF UPPER LIMB--755.2	451	270	181	16.1	18.7	13.3
WHITE	389	230	159	16.9	19.4	14.2
NEGRO	54	35	19	12.6	16.2	9.0
REDUCTION DEFORMITY OF LOWER LIMB--755.3	215	141	74	7.7	9.8	5.4
WHITE	172	114	58	7.5	9.6	5.2
NEGRO	30	17	13	7.0	7.8	6.2

SEE FOOTNOTES AT END OF TABLE.

TABLE 18. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER CONGENITAL ANOMALIES OF LIMBS--CON.						
REDUCTION DEFORMITY, UNSPECIFIED LIMB--755.4	27	19	8	1.0	1.3	0.6
WHITE	22	16	6	1.0	1.3	0.5
NEGRO	5	3	2	1.2	1.4	1.0
OTHER ANOMALY OF UPPER LIMB (INCLUDING SHOULDER GIRDLE)--755.5	570	313	257	20.3	21.7	18.8
WHITE	476	262	214	20.6	22.1	19.1
NEGRO	77	42	35	18.0	19.4	16.6
CONGENITAL DISLOCATION OF HIP--755.6	438	133	305	15.6	9.2	22.3
WHITE	376	111	265	16.3	9.4	23.7
NEGRO	28	14	14	6.6	6.5	6.7
OTHER ANOMALY OF LOWER LIMB (INCLUDING PELVIC GIRDLE)--755.7	1,284	575	709	45.8	39.9	51.9
WHITE	985	442	543	42.7	37.3	48.5
NEGRO	193	85	108	45.2	39.2	51.3
GENERALIZED FLEXION CONTRACTURE OF LIMB JOINTS--755.8	15	7	8	0.5	0.5	0.6
WHITE	11	6	5	0.5	0.5	0.4
NEGRO	4	1	3	0.9	0.5	1.4
OTHER AND UNSPECIFIED ANOMALIES OF UNSPECIFIED LIMB--755.9	46	27	19	1.6	1.9	1.4
WHITE	34	22	12	1.5	1.9	1.1
NEGRO	10	3	7	2.3	1.4	3.3
OTHER CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM--756	980	547	433	34.9	38.0	31.7
WHITE	890	487	403	38.6	41.1	36.0
NEGRO	73	51	22	17.1	23.5	10.5
ANOMALIES OF SKULL AND FACE BONES--756.0	349	178	171	12.4	12.4	12.5
WHITE	315	158	157	13.7	13.3	14.0
NEGRO	27	18	9	6.3	8.3	4.3
ANOMALIES OF LUMBOSACRAL JOINT--756.1	10	8	2	0.4	0.6	0.1
WHITE	10	8	2	0.4	0.7	0.2
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF SPINE--756.2	77	43	34	2.7	3.0	2.5
WHITE	74	42	32	3.2	3.5	2.9
NEGRO	3	1	2	0.7	0.5	1.0
CERVICAL RIB--756.3	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
OTHER ANOMALIES OF RIBS AND STERNUM--756.4	97	53	44	3.5	3.7	3.2
WHITE	86	46	40	3.7	3.9	3.6
NEGRO	6	4	2	1.4	1.8	1.0
CHONDRODYSTROPHY--756.5	69	41	28	2.5	2.8	2.1
WHITE	59	35	24	2.6	3.0	2.1
NEGRO	7	4	3	1.6	1.8	1.4
OSTEOGENESIS IMPERFECTA--756.6	63	37	26	2.2	2.6	1.9
WHITE	59	35	24	2.6	3.0	2.1
NEGRO	4	2	2	0.9	0.9	1.0
OTHER GENERALIZED ANOMALIES OF SKELETON--756.7	34	19	15	1.2	1.3	1.1
WHITE	33	18	15	1.4	1.5	1.3
NEGRO	1	1	-	0.2	0.5	-
OTHER SPECIFIED ANOMALIES OF MUSCLE, TENDON, AND FASCIA--756.8	210	127	83	7.5	8.8	6.1
WHITE	192	113	79	8.3	9.5	7.1
NEGRO	18	14	4	4.2	6.5	1.9
UNSPECIFIED ANOMALIES OF MUSCULOSKELETAL SYSTEM--756.9	95	50	45	3.4	3.5	3.3
WHITE	85	40	45	3.7	3.4	4.0
NEGRO	8	8	-	1.9	3.7	-
CONGENITAL ANOMALIES OF SKIN, HAIR, AND NAILS--757	880	450	430	31.4	31.2	31.5
WHITE	653	342	311	28.3	28.8	27.8
NEGRO	168	74	94	39.3	34.2	44.7
HEREDITARY EDEMA OF LEGS--757.0	2	-	2	0.1	-	0.1
WHITE	2	-	2	0.1	-	0.2
NEGRO	-	-	-	-	-	-
PIGMENTED NEVUS--757.1	107	45	62	3.8	3.1	4.5
WHITE	74	29	45	3.2	2.4	4.0
NEGRO	17	5	12	4.0	2.3	5.7
OTHER SPECIFIED ANOMALIES OF SKIN--757.2	661	355	306	23.6	24.6	22.4
WHITE	481	268	213	20.9	22.6	19.0
NEGRO	145	68	77	34.0	31.4	36.6
SPECIFIED ANOMALIES OF HAIR--757.3	-	-	-	-	-	-
WHITE	-	-	-	-	-	-
NEGRO	-	-	-	-	-	-
SPECIFIED ANOMALIES OF NAILS--757.4	22	7	15	0.8	0.5	1.1
WHITE	18	7	11	0.8	0.6	1.0
NEGRO	4	-	4	0.9	-	1.9
UNSPECIFIED ANOMALIES OF SKIN, HAIR, AND NAILS--757.9	90	43	47	3.2	3.0	3.4
WHITE	80	38	42	3.5	3.2	3.7
NEGRO	2	1	1	0.5	0.5	0.5

SEE FOOTNOTES AT END OF TABLE.

TABLE 1B. LIVE BIRTHS WITH CONGENITAL ANOMALIES AND RATES FOR EACH ANOMALY, BY SEX AND RACE: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974—CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY[1] AND RACE[2]	NUMBER			RATE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES—758	323	169	154	11.5	11.7	11.3
WHITE	275	143	132	11.9	12.1	11.8
NEGRO	36	18	18	8.4	8.3	8.6
ANOMALIES OF SPLEEN—758.0	13	1	12	0.5	0.1	0.9
WHITE	9	1	8	0.4	0.1	0.7
NEGRO	4	–	4	0.9	–	1.9
ANOMALIES OF ADRENAL GLAND—758.1	1	–	1	0.0	–	0.1
WHITE	1	–	1	0.0	–	0.1
NEGRO	–	–	–	–	–	–
ANOMALIES OF THYROID GLAND—758.2	9	5	4	0.3	0.3	0.3
WHITE	9	5	4	0.4	0.4	0.4
NEGRO	–	–	–	–	–	–
ANOMALIES OF OTHER ENDOCRINE GLANDS—758.3	2	2	–	0.1	0.1	–
WHITE	2	2	–	0.1	0.2	–
NEGRO	–	–	–	–	–	–
OTHER SPECIFIED CONGENITAL ANOMALIES—758.8	190	109	81	6.8	7.6	5.9
WHITE	158	91	67	6.9	7.7	6.0
NEGRO	22	12	10	5.2	5.5	4.8
UNSPECIFIED CONGENITAL ANOMALY—758.9	110	54	56	3.9	3.7	4.1
WHITE	98	46	52	4.2	3.9	4.6
NEGRO	10	6	4	2.3	2.8	1.9
CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS—759	1,933	986	947	68.9	68.5	69.3
WHITE	1,715	877	838	74.4	73.9	74.8
NEGRO	172	84	88	40.3	38.8	41.8
SITUS INVERSUS—759.0	16	7	9	0.6	0.5	0.7
WHITE	14	7	7	0.6	0.6	0.6
NEGRO	–	–	–	–	–	–
CONJOINED TWINS—759.1	16	8	8	0.6	0.6	0.6
WHITE	14	6	8	0.6	0.5	0.7
NEGRO	–	–	–	–	–	–
OTHER FORMS OF MONSTER—759.2	14	6	8	0.5	0.4	0.6
WHITE	8	2	6	0.3	0.2	0.5
NEGRO	4	2	2	0.9	0.9	1.0
DOWN'S DISEASE—759.3	1,041	536	505	37.1	37.2	37.0
WHITE	962	502	460	41.7	42.3	41.1
NEGRO	60	22	38	14.1	10.2	18.1
OTHER SYNDROMES DUE TO AUTOSOMAL ABNORMALITY—759.4	141	45	96	5.0	3.1	7.0
WHITE	116	32	84	5.0	2.7	7.5
NEGRO	17	11	6	4.0	5.1	2.9
SYNDROMES DUE TO SEX CHROMOSOME ABNORMALITY—759.5	37	8	29	1.3	0.6	2.1
WHITE	32	8	24	1.4	0.7	2.1
NEGRO	5	–	5	1.2	–	2.4
TUBEROUS SCLEROSIS—759.6	–	–	–	–	–	–
WHITE	–	–	–	–	–	–
NEGRO	–	–	–	–	–	–
OTHER SPECIFIED SYNDROMES—759.8	29	15	14	1.0	1.0	1.0
WHITE	27	13	14	1.2	1.1	1.2
NEGRO	–	–	–	–	–	–
MULTIPLE CONGENITAL ANOMALIES, UNSPECIFIED—759.9	679	378	301	24.2	26.2	22.0
WHITE	571	317	254	24.8	26.7	22.7
NEGRO	91	52	39	21.3	24.0	18.5

[1]SUBCATEGORIES OF ANOMALIES ARE NOT ADDITIVE SINCE MORE THAN ONE CONDITION MAY EXIST AT BIRTH.
[2]TOTAL FOR EACH ANOMALY INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[3]DATA INCLUDED WITH UNSPECIFIED ANOMALIES OF GENITAL ORGANS (752.9).

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY AND RACE[1]	TOTAL	ALA.	ALASKA	ARIZ.	ARK.	CALIF.	COLO.	CONN.
TOTAL								
ALL LIVE BIRTHS	2,778,091	58,486	6,600	37,889	33,567	297,969	38,543	37,506
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	23,052	285	62	356	231	2,530	392	264
CONGENITAL ANOMALY RATE—740-759	829.8	487.3	939.4	939.6	688.2	849.1	1,017.0	703.9
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	594	6	–	2	2	78	5	17
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	233	4	–	4	4	14	–	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	935	12	2	6	8	106	9	10
CONGENITAL HYDROCEPHALUS—742	450	12	2	14	4	36	3	7
ANOMALIES OF HEART—746.0-746.9	1,687	14	6	24	18	198	27	19
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	498	2	2	10	8	100	14	4
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	317	2	–	4	2	32	3	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	798	4	2	12	2	58	9	11
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	695	12	–	10	4	60	15	12
CLEFT PALATE WITH CLEFT LIP—749.2	1,112	8	–	8	12	120	27	9
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	341	4	–	4	10	34	8	6
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	463	8	2	8	4	52	10	–
HYPOSPADIAS—752.2	1,699	22	6	16	18	210	22	19
CLUBFOOT—754.0-754.9	2,778	32	8	46	39	250	57	24
POLYDACTYLY—755.0	2,239	49	–	28	34	230	27	27
SYNDACTYLY—755.1	575	10	4	4	6	60	8	2
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	624	6	–	6	2	110	11	12
DISLOCATION OF HIP—755.6	414	2	–	16	–	38	9	2
DOWN'S DISEASE—759.3	1,053	18	2	10	8	154	20	17
WHITE								
ALL LIVE BIRTHS	2,277,785	37,979	4,509	31,860	24,951	253,193	36,171	33,040
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	19,168	173	36	266	171	2,176	374	234
CONGENITAL ANOMALY RATE—740-759	841.5	455.5	798.4	834.9	685.3	859.4	1,034.0	708.2
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	528	6	–	2	–	68	5	17
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	217	4	–	4	4	12	–	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	849	10	2	4	6	94	9	10
CONGENITAL HYDROCEPHALUS—742	379	8	–	12	2	34	3	7
ANOMALIES OF HEART—746.0-746.9	1,481	10	4	20	16	176	27	19
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	426	2	2	8	6	82	14	4
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	271	–	–	4	2	28	3	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	733	4	–	8	2	54	9	9
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	636	10	–	8	4	54	15	12
CLEFT PALATE WITH CLEFT LIP—749.2	999	8	–	6	10	112	27	9
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	322	2	–	4	10	28	8	6
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	423	4	2	6	4	48	10	–
HYPOSPADIAS—752.2	1,555	14	6	16	16	188	22	19
CLUBFOOT—754.0-754.9	2,430	20	–	38	35	220	54	22
POLYDACTYLY—755.0	923	9	–	18	4	130	19	13
SYNDACTYLY—755.1	514	8	–	4	6	60	8	2
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	538	4	–	6	2	96	10	10
DISLOCATION OF HIP—755.6	370	2	–	4	–	36	9	2
DOWN'S DISEASE—759.3	958	16	–	6	6	140	19	15
NEGRO								
ALL LIVE BIRTHS	431,263	20,308	228	1,624	8,496	29,827	1,658	4,058
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	3,205	112	2	12	60	268	16	30
CONGENITAL ANOMALY RATE—740-759	743.2	551.5	877.2	738.9	706.2	898.5	965.0	739.3
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	49	–	–	–	2	4	–	–
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	12	–	–	–	–	–	–	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	69	2	–	–	2	8	–	–
CONGENITAL HYDROCEPHALUS—742	59	4	–	2	2	–	–	–
ANOMALIES OF HEART—746.0-746.9	124	4	–	–	2	18	–	–
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	55	–	–	–	2	14	–	–
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	40	2	–	–	–	4	–	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	46	–	–	–	–	2	–	2
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	41	2	–	–	–	4	–	–
CLEFT PALATE WITH CLEFT LIP—749.2	70	–	–	–	2	2	–	–
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	13	2	–	–	–	4	–	–
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	31	4	–	–	–	2	–	–
HYPOSPADIAS—752.2	122	8	–	–	2	14	–	–
CLUBFOOT—754.0-754.9	279	12	2	–	4	20	3	2
POLYDACTYLY—755.0	1,269	40	–	4	30	94	8	14
SYNDACTYLY—755.1	47	2	–	–	–	–	–	–
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	75	2	–	–	–	12	1	2
DISLOCATION OF HIP—755.6	22	–	–	2	–	–	–	–
DOWN'S DISEASE—759.3	67	2	–	–	2	12	1	2

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	DEL.	D.C.	FLA.	GA.	HAWAII	IDAHO	ILL.	IND.
TOTAL								
ALL LIVE BIRTHS	8,235	10,803	107,302	...	15,366	14,537	168,021	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	30	62	871	...	110	108	1,553	...
CONGENITAL ANOMALY RATE--740-759	364.3	573.9	811.7	...	715.9	742.9	924.3	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	2	2	11	...	2	-	48	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	15	...	-	-	10	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	2	27	...	2	2	50	...
CONGENITAL HYDROCEPHALUS--742	-	2	11	...	2	2	31	...
ANOMALIES OF HEART--746.0-746.9	-	-	74	...	12	2	83	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	15	...	4	4	14	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	14	...	4	4	11	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	2	2	26	...	-	-	64	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	16	...	-	4	33	...
CLEFT PALATE WITH CLEFT LIP--749.2	-	4	42	...	8	12	67	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	11	...	-	2	12	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	2	11	...	-	2	36	...
HYPOSPADIAS--752.2	2	2	56	...	4	8	134	...
CLUBFOOT--754.0-754.9	6	4	102	...	10	12	209	...
POLYDACTYLY--755.0	8	18	106	...	4	4	205	...
SYNDACTYLY--755.1	-	-	13	...	4	2	52	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	13	...	-	2	28	...
DISLOCATION OF HIP--755.6	-	2	17	...	4	4	36	...
DOWN'S DISEASE--759.3	-	2	28	...	4	2	77	...
WHITE								
ALL LIVE BIRTHS	6,450	1,408	79,242	...	4,291	14,166	128,287	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	20	8	681	...	28	104	1,233	...
CONGENITAL ANOMALY RATE--740-759	310.1	568.2	859.4	...	652.5	734.2	961.1	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	2	-	8	...	-	-	42	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	14	...	-	-	10	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	-	25	...	2	2	42	...
CONGENITAL HYDROCEPHALUS--742	-	-	10	...	-	2	29	...
ANOMALIES OF HEART--746.0-746.9	-	-	62	...	4	2	70	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	13	...	2	4	10	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	11	...	-	4	6	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	2	-	23	...	-	-	58	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	16	...	-	4	28	...
CLEFT PALATE WITH CLEFT LIP--749.2	-	2	38	...	2	10	59	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	9	...	-	2	10	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	9	...	-	2	36	...
HYPOSPADIAS--752.2	-	-	50	...	-	8	114	...
CLUBFOOT--754.0-754.9	6	2	93	...	2	12	177	...
POLYDACTYLY--755.0	2	-	35	...	-	4	71	...
SYNDACTYLY--755.1	-	-	12	...	2	2	40	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	10	...	-	2	24	...
DISLOCATION OF HIP--755.6	-	-	13	...	2	4	32	...
DOWN'S DISEASE--759.3	-	-	26	...	2	2	71	...
NEGRO								
ALL LIVE BIRTHS	1,685	9,247	27,160	...	302	44	36,885	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	10	52	186	...	-	2	306	...
CONGENITAL ANOMALY RATE--740-759	593.5	562.3	684.8	...	-	4,545.5	829.6	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	2	3	...	-	-	6	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	1	...	-	-	-	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	2	2	...	-	-	8	...
CONGENITAL HYDROCEPHALUS--742	-	2	1	...	-	-	2	...
ANOMALIES OF HEART--746.0-746.9	-	-	11	...	-	-	13	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	2	...	-	-	4	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	3	...	-	-	5	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	2	3	...	-	-	4	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	-	...	-	-	5	...
CLEFT PALATE WITH CLEFT LIP--749.2	-	2	4	...	-	-	8	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	2	...	-	-	2	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	2	2	...	-	-	-	...
HYPOSPADIAS--752.2	2	2	6	...	-	-	16	...
CLUBFOOT--754.0-754.9	-	2	9	...	-	-	32	...
POLYDACTYLY--755.0	6	16	71	...	-	-	134	...
SYNDACTYLY--755.1	-	-	1	...	-	-	10	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	3	...	-	-	2	...
DISLOCATION OF HIP--755.6	-	2	4	...	-	-	4	...
DOWN'S DISEASE--759.3	-	2	2	...	-	-	6	...

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	IOWA	KANS.	KY.	LA.	MAINE	MD.	MASS.	MICH.
TOTAL								
ALL LIVE BIRTHS	39,016	32,120	53,352	66,419	15,661	53,694	72,190	140,792
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	506	158	320	347	135	335	658	1,402
CONGENITAL ANOMALY RATE--740-759	1,296.9	491.9	599.8	522.4	862.0	623.9	911.5	995.8
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	12	7	12	12	5	14	10	43
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	10	2	2	4	3	4	10	8
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	14	6	22	14	3	14	24	54
CONGENITAL HYDROCEPHALUS--742	8	6	12	6	3	6	16	21
ANOMALIES OF HEART--746.0-746.9	46	4	40	24	13	6	51	82
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	12	4	6	-	2	2	8	20
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	8	6	2	2	1	12	10	11
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	24	2	20	16	7	16	22	46
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	24	14	6	6	3	12	22	42
CLEFT PALATE WITH CLEFT LIP--749.2	26	5	16	12	8	18	22	68
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	12	4	4	10	6	-	4	21
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	2	2	12	4	8	9	10
HYPOSPADIAS--752.2	26	9	18	32	8	28	54	111
CLUBFOOT--754.0-754.9	63	13	34	28	11	42	74	169
POLYDACTYLY--755.0	15	13	18	56	5	68	35	201
SYNDACTYLY--755.1	14	1	8	11	2	14	24	39
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	10	8	12	12	8	12	17	30
DISLOCATION OF HIP--755.6	14	1	6	8	5	6	32	28
DOWN'S DISEASE--759.3	20	2	14	22	11	10	44	50
WHITE								
ALL LIVE BIRTHS	37,829	29,314	48,379	40,131	15,439	39,536	67,081	113,919
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	490	133	286	262	132	209	624	1,091
CONGENITAL ANOMALY RATE--740-759	1,295.3	453.7	591.2	652.9	855.0	528.6	930.2	957.7
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	12	7	12	12	5	12	6	36
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	10	-	2	2	3	4	10	8
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	14	4	20	10	3	14	24	47
CONGENITAL HYDROCEPHALUS--742	8	6	12	2	3	4	16	19
ANOMALIES OF HEART--746.0-746.9	44	4	38	20	13	6	43	73
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	12	2	6	-	2	2	8	16
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	8	4	2	-	1	8	10	10
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	24	2	20	16	7	14	22	40
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	24	12	4	4	3	12	18	40
CLEFT PALATE WITH CLEFT LIP--749.2	26	5	16	8	8	12	20	60
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	12	4	4	10	6	-	4	21
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	2	2	12	4	2	9	9
HYPOSPADIAS--752.2	26	7	16	28	8	22	52	99
CLUBFOOT--754.0-754.9	63	13	30	22	11	28	70	141
POLYDACTYLY--755.0	11	7	10	20	5	8	31	53
SYNDACTYLY--755.1	14	-	8	8	2	12	22	36
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	8	8	12	12	7	6	17	20
DISLOCATION OF HIP--755.6	14	1	6	6	5	6	32	24
DOWN'S DISEASE--759.3	20	-	10	22	11	8	44	45
NEGRO								
ALL LIVE BIRTHS	893	2,306	4,722	26,019	73	13,209	4,249	25,741
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	12	21	32	83	1	112	22	300
CONGENITAL ANOMALY RATE--740-759	1,343.8	910.7	677.7	319.0	1,369.9	847.9	517.8	1,165.5
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	-	-	-	-	2	4	6
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	2	-	2	-	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	-	2	4	-	-	-	7
CONGENITAL HYDROCEPHALUS--742	-	-	-	4	-	2	-	2
ANOMALIES OF HEART--746.0-746.9	2	-	2	4	-	-	2	8
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	2	-	-	-	-	-	4
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	2	-	2	-	4	-	1
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	-	-	-	-	2	-	5
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	2	-	2	-	-	-	2
CLEFT PALATE WITH CLEFT LIP--749.2	-	-	-	2	-	4	2	7
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	-	-	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	-	-	-	6	-	1
HYPOSPADIAS--752.2	-	2	2	4	-	6	2	12
CLUBFOOT--754.0-754.9	-	-	4	6	-	10	4	27
POLYDACTYLY--755.0	4	6	8	36	-	56	4	147
SYNDACTYLY--755.1	-	1	-	3	-	2	2	3
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	-	-	1	6	-	10
DISLOCATION OF HIP--755.6	-	-	-	2	-	-	-	4
DOWN'S DISEASE--759.3	-	-	4	-	-	-	-	4

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	MINN.	MISS.	MO.	MONT.	NEBR.	NEV.	N.H.
TOTAL							
ALL LIVE BIRTHS	53,742	44,582	68,874	11,383	22,825	8,598	11,550
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	582	317	666	110	288	74	111
CONGENITAL ANOMALY RATE--740-759	1,083.0	711.0	967.0	966.4	1,261.8	860.7	961.0
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	16	2	12	-	6	2	3
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	4	9	-	-	-	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	20	14	26	6	6	2	4
CONGENITAL HYDROCEPHALUS--742	16	8	12	2	4	-	2
ANOMALIES OF HEART--746.0-746.9	36	22	48	10	38	6	17
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	26	-	15	-	8	4	3
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	10	4	13	4	16	-	2
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	22	6	24	-	10	2	4
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	32	12	13	10	12	4	5
CLEFT PALATE WITH CLEFT LIP--749.2	24	14	30	10	20	2	5
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	14	6	9	4	6	-	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	8	4	13	8	6	-	4
HYPOSPADIAS--752.2	48	32	58	2	22	2	14
CLUBFOOT--754.0-754.9	58	32	77	20	36	12	6
POLYDACTYLY--755.0	22	58	69	4	22	12	7
SYNDACTYLY--755.1	26	6	17	-	4	2	1
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	12	12	22	-	6	2	4
DISLOCATION OF HIP--755.6	12	2	16	-	-	-	1
DOWN'S DISEASE--759.3	40	8	35	4	12	2	7
WHITE							
ALL LIVE BIRTHS	51,675	23,161	57,314	10,189	21,369	7,192	11,444
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	542	193	513	92	270	52	109
CONGENITAL ANOMALY RATE--740-759	1,048.9	833.3	895.1	902.9	1,263.5	723.0	952.5
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	16	-	12	-	6	2	3
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	4	8	-	-	-	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	20	8	24	4	6	2	4
CONGENITAL HYDROCEPHALUS--742	16	4	11	2	4	-	2
ANOMALIES OF HEART--746.0-746.9	32	18	41	6	36	6	17
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	24	-	8	-	8	2	3
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	8	4	10	4	14	-	2
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	20	2	21	-	10	2	4
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	32	8	13	8	10	4	5
CLEFT PALATE WITH CLEFT LIP--749.2	24	12	24	10	20	2	5
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	12	6	8	2	6	-	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	6	4	10	8	6	-	4
HYPOSPADIAS--752.2	48	24	50	2	22	-	14
CLUBFOOT--754.0-754.9	54	22	70	18	36	10	6
POLYDACTYLY--755.0	16	8	15	4	14	2	5
SYNDACTYLY--755.1	26	4	15	-	4	2	1
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	12	6	19	-	6	2	4
DISLOCATION OF HIP--755.6	10	2	14	-	-	-	1
DOWN'S DISEASE--759.3	38	6	31	4	12	-	7
NEGRO							
ALL LIVE BIRTHS	946	21,109	11,023	68	1,069	1,012	62
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	18	124	144	2	16	18	2
CONGENITAL ANOMALY RATE--740-759	1,902.7	587.4	1,306.4	2,941.2	1,496.7	1,778.7	3,225.8
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	-	2	-	-	-	-	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	1	-	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	6	1	-	-	-	-
CONGENITAL HYDROCEPHALUS--742	-	4	1	-	-	-	-
ANOMALIES OF HEART--746.0-746.9	4	4	6	-	-	-	-
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	2	-	7	-	-	-	-
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	2	-	3	-	2	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	4	3	-	-	-	-
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	4	-	-	2	-	-
CLEFT PALATE WITH CLEFT LIP--749.2	-	2	2	-	-	-	-
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	1	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	3	-	-	-	-
HYPOSPADIAS--752.2	-	8	8	-	-	2	-
CLUBFOOT--754.0-754.9	-	10	7	-	-	2	-
POLYDACTYLY--755.0	4	50	53	-	8	10	2
SYNDACTYLY--755.1	-	2	2	-	-	-	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	6	3	-	-	-	-
DISLOCATION OF HIP--755.6	2	-	2	-	-	-	-
DOWN'S DISEASE--759.3	-	2	4	-	-	2	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	N.J.	N. MEX.	N.Y.	N.C.	N. DAK.	OHIO	OKLA.
TOTAL							
ALL LIVE BIRTHS	...	20,841	238,471	...	9,702	160,588	40,778
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	...	241	1,866	...	100	1,743	195
CONGENITAL ANOMALY RATE--740-759	...	1,156.4	782.5	...	1,030.7	1,085.4	478.2
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	...	4	52	...	-	42	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	...	-	20	...	-	14	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	...	6	79	...	2	70	10
CONGENITAL HYDROCEPHALUS--742	...	6	40	...	2	36	2
ANOMALIES OF HEART--746.0-746.9	...	48	73	...	10	116	14
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	...	4	46	...	-	36	4
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	...	6	20	...	-	23	8
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	...	4	52	...	6	66	5
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	...	2	57	...	2	51	6
CLEFT PALATE WITH CLEFT LIP--749.2	...	13	93	...	6	76	8
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	...	-	10	...	4	33	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	...	4	38	...	4	38	9
HYPOSPADIAS--752.2	...	6	144	...	10	162	16
CLUBFOOT--754.0-754.9	...	19	254	...	22	242	20
POLYDACTYLY--755.0	...	11	259	...	-	118	18
SYNDACTYLY--755.1	...	2	37	...	6	50	14
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	...	1	52	...	10	60	6
DISLOCATION OF HIP--755.6	...	8	19	...	-	30	4
DOWN'S DISEASE--759.3	...	6	96	...	10	70	16
WHITE							
ALL LIVE BIRTHS	...	17,460	189,677	...	8,961	138,922	33,564
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	...	163	1,452	...	98	1,593	162
CONGENITAL ANOMALY RATE--740-759	...	933.6	765.5	...	1,093.6	1,146.7	482.7
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	...	4	46	...	-	38	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	...	-	18	...	-	14	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	...	6	72	...	2	70	8
CONGENITAL HYDROCEPHALUS--742	...	4	27	...	2	32	2
ANOMALIES OF HEART--746.0-746.9	...	28	66	...	10	116	8
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	...	2	37	...	-	32	4
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	...	6	20	...	-	23	8
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	...	4	48	...	6	62	4
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	...	2	51	...	2	49	4
CLEFT PALATE WITH CLEFT LIP--749.2	...	13	80	...	6	72	8
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	...	-	10	...	4	33	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	...	4	37	...	4	38	8
HYPOSPADIAS--752.2	...	6	132	...	10	156	16
CLUBFOOT--754.0-754.9	...	17	215	...	20	228	14
POLYDACTYLY--755.0	...	7	88	...	-	74	14
SYNDACTYLY--755.1	...	2	32	...	6	44	10
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	...	1	44	...	10	52	6
DISLOCATION OF HIP--755.6	...	-	19	...	-	30	4
DOWN'S DISEASE--759.3	...	2	87	...	10	70	12
NEGRO							
ALL LIVE BIRTHS	...	466	44,249	...	104	20,580	4,014
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	...	2	390	...	-	130	8
CONGENITAL ANOMALY RATE--740-759	...	429.2	881.4	...	-	631.7	199.3
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	...	-	4	...	-	4	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	...	-	2	...	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	...	-	7	...	-	-	2
CONGENITAL HYDROCEPHALUS--742	...	-	13	...	-	4	-
ANOMALIES OF HEART--746.0-746.9	...	-	6	...	-	-	-
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	...	-	8	...	-	4	-
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	...	-	-	...	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	...	-	3	...	-	4	-
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	...	-	4	...	-	2	-
CLEFT PALATE WITH CLEFT LIP--749.2	...	-	11	...	-	2	-
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	...	-	-	...	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	...	-	1	...	-	-	-
HYPOSPADIAS--752.2	...	-	11	...	-	4	-
CLUBFOOT--754.0-754.9	...	-	37	...	-	12	2
POLYDACTYLY--755.0	...	-	168	...	-	42	2
SYNDACTYLY--755.1	...	-	5	...	-	6	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	...	-	7	...	-	8	-
DISLOCATION OF HIP--755.6	...	-	-	...	-	-	-
DOWN'S DISEASE--759.3	...	-	8	...	-	-	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	OREG.	PA.	R.I.	S.C.	S. DAK.	TENN.	TEX.
TOTAL							
ALL LIVE BIRTHS	30,845	152,741	12,291	47,125	10,681	64,135	209,955
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	304	1,212	90	298	129	388	1,226
CONGENITAL ANOMALY RATE--740-759	985.6	793.5	732.2	632.4	1,207.8	605.0	583.9
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	6	34	6	12	4	8	38
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	14	1	4	-	12	28
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	12	65	4	20	4	28	58
CONGENITAL HYDROCEPHALUS--742	-	24	1	6	2	8	38
ANOMALIES OF HEART--746.0-746.9	16	68	6	20	12	18	116
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	12	12	4	6	3	8	12
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	2	10	2	6	2	-	24
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	12	53	5	14	8	10	48
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	14	38	5	2	8	10	40
CLEFT PALATE WITH CLEFT LIP--749.2	20	63	5	18	10	16	86
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	2	14	1	4	2	6	28
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	30	2	4	6	8	30
HYPOSPADIAS--752.2	24	92	13	12	8	26	54
CLUBFOOT--754.0-754.9	38	173	4	34	14	60	148
POLYDACTYLY--755.0	16	112	7	64	8	42	108
SYNDACTYLY--755.1	12	22	1	2	-	14	30
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	30	3	6	6	14	24
DISLOCATION OF HIP--755.6	4	21	2	4	-	2	24
DOWN'S DISEASE--759.3	12	30	4	6	4	14	58
WHITE							
ALL LIVE BIRTHS	29,371	132,497	11,426	28,332	9,191	49,809	176,318
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	280	1,028	85	192	113	334	1,028
CONGENITAL ANOMALY RATE--740-759	953.3	775.9	743.9	677.7	1,229.5	670.6	583.0
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	6	30	6	12	4	8	34
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	12	1	2	-	12	28
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	12	61	4	20	4	24	52
CONGENITAL HYDROCEPHALUS--742	-	18	1	4	2	8	34
ANOMALIES OF HEART--746.0-746.9	16	66	6	12	6	18	102
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	10	8	4	6	1	8	12
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	2	10	2	6	2	-	20
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	12	51	5	14	8	10	44
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	14	38	5	2	6	10	34
CLEFT PALATE WITH CLEFT LIP--749.2	16	55	5	16	8	16	74
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	2	14	1	2	2	6	28
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	28	2	4	6	8	26
HYPOSPADIAS--752.2	24	88	11	12	8	26	52
CLUBFOOT--754.0-754.9	34	151	4	26	14	54	126
POLYDACTYLY--755.0	16	46	5	6	6	28	42
SYNDACTYLY--755.1	10	22	1	2	-	12	24
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	28	3	4	6	10	24
DISLOCATION OF HIP--755.6	4	21	2	4	-	2	24
DOWN'S DISEASE--759.3	8	28	4	6	4	14	52
NEGRO							
ALL LIVE BIRTHS	614	19,353	664	18,523	59	14,032	32,330
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	4	168	4	106	-	54	188
CONGENITAL ANOMALY RATE--740-759	651.5	868.1	602.4	572.3	-	384.8	581.5
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	-	4	-	-	-	-	2
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	2	-	2	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	2	-	-	-	4	6
CONGENITAL HYDROCEPHALUS--742	-	6	-	2	-	-	4
ANOMALIES OF HEART--746.0-746.9	-	2	-	8	-	-	10
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	4	-	-	-	-	-
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	-	-	-	-	4
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	2	-	-	-	-	4
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	-	-	-	-	6
CLEFT PALATE WITH CLEFT LIP--749.2	-	4	-	2	-	-	12
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	-	2	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	2	-	-	-	-	4
HYPOSPADIAS--752.2	-	2	1	-	-	-	2
CLUBFOOT--754.0-754.9	2	22	-	8	-	6	20
POLYDACTYLY--755.0	-	64	2	58	-	14	64
SYNDACTYLY--755.1	-	-	-	-	-	2	6
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	2	-	2	-	4	-
DISLOCATION OF HIP--755.6	-	-	-	-	-	-	-
DOWN'S DISEASE--759.3	2	2	-	-	-	-	6

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2A. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	UTAH	VT.	VA.	WASH.	W. VA.	WIS.	WYO.
TOTAL							
ALL LIVE BIRTHS	27,971	6,758	71,573	47,617	27,559	62,754	6,084
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	237	71	491	650	234	626	88
CONGENITAL ANOMALY RATE--740-759	847.3	1,050.6	686.0	1,365.1	849.1	997.5	1,446.4
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	2	3	14	8	10	16	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	1	12	4	4	2	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	8	6	32	16	12	34	4
CONGENITAL HYDROCEPHALUS--742	6	1	12	6	4	8	-
ANOMALIES OF HEART--746.0-746.9	38	12	30	80	14	62	14
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	4	2	6	30	4	16	2
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	2	1	6	12	-	12	4
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	4	4	22	28	10	32	2
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	6	1	14	12	12	28	4
CLEFT PALATE WITH CLEFT LIP--749.2	14	1	26	24	14	14	8
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	12	2	6	2	-	14	2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	1	10	12	10	24	2
HYPOSPADIAS--752.2	16	4	35	40	12	42	-
CLUBFOOT--754.0-754.9	16	6	68	48	44	84	10
POLYDACTYLY--755.0	26	1	50	26	6	20	2
SYNDACTYLY--755.1	-	1	16	14	6	14	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	1	4	20	4	12	6
DISLOCATION OF HIP--755.6	-	3	8	14	2	8	-
DOWN'S DISEASE--759.3	16	6	20	26	6	30	-
WHITE							
ALL LIVE BIRTHS	27,142	6,711	55,057	43,509	26,395	58,148	5,776
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	214	71	399	564	226	582	82
CONGENITAL ANOMALY RATE--740-759	788.4	1,058.0	724.7	1,296.3	856.2	1,000.9	1,419.7
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	2	3	10	6	8	16	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	1	10	4	4	2	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	6	6	30	14	12	32	4
CONGENITAL HYDROCEPHALUS--742	6	1	8	4	4	6	-
ANOMALIES OF HEART--746.0-746.9	34	12	26	60	14	60	14
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	4	2	6	28	4	16	2
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	2	1	2	10	-	12	2
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	4	4	20	24	10	28	2
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	4	1	10	12	12	28	4
CLEFT PALATE WITH CLEFT LIP--749.2	14	1	24	20	14	14	8
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	12	2	6	2	-	14	2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	2	1	8	10	10	22	2
HYPOSPADIAS--752.2	16	4	31	38	12	42	-
CLUBFOOT--754.0-754.9	14	6	62	46	44	74	6
POLYDACTYLY--755.0	18	1	22	16	4	14	2
SYNDACTYLY--755.1	-	1	16	14	6	14	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	1	4	16	4	8	6
DISLOCATION OF HIP--755.6	-	3	8	14	2	8	-
DOWN'S DISEASE--759.3	16	6	18	26	6	28	-
NEGRO							
ALL LIVE BIRTHS	118	21	15,582	1,653	1,068	3,723	87
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	6	-	90	52	6	34	-
CONGENITAL ANOMALY RATE--740-759	5,084.7	-	577.6	3,145.8	561.8	913.2	-
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	-	-	4	-	-	-	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	-	-	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	-	2	-	-	2	-
CONGENITAL HYDROCEPHALUS--742	-	-	4	-	-	-	-
ANOMALIES OF HEART--746.0-746.9	-	-	4	14	-	-	-
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	-	2	-	-	-
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	4	2	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	-	2	-	-	4	-
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	2	-	4	-	-	-	-
CLEFT PALATE WITH CLEFT LIP--749.2	-	-	2	-	-	-	-
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	-	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	2	-	-	2	-
HYPOSPADIAS--752.2	-	-	4	2	-	-	-
CLUBFOOT--754.0-754.9	-	-	6	2	-	6	-
POLYDACTYLY--755.0	4	-	28	10	2	6	-
SYNDACTYLY--755.1	-	-	-	-	-	-	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	-	-	-	4	-
DISLOCATION OF HIP--755.6	-	-	-	-	-	-	-
DOWN'S DISEASE--759.3	-	-	2	-	-	2	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 28. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY AND RACE[1]	TOTAL	ALA.	ALASKA	ARIZ.	ARK.	CALIF.	COLO.	CONN.
TOTAL								
ALL LIVE BIRTHS	2,806,111	58,503	7,053	39,841	34,542	311,798	39,036	36,741
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	22,767	329	62	412	246	2,496	380	254
CONGENITAL ANOMALY RATE—740-759	811.3	562.4	879.1	1,034.1	712.2	800.5	973.5	691.3
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	576	4	–	8	14	78	7	6
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	238	6	2	–	2	14	2	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	1,034	16	–	4	22	102	10	2
CONGENITAL HYDROCEPHALUS—742	458	10	2	6	4	42	8	4
ANOMALIES OF HEART—746.0-746.9	1,796	4	4	30	8	212	36	23
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	527	6	2	20	4	84	16	8
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	262	–	2	6	–	39	5	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	840	10	4	20	10	124	11	14
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	638	10	–	10	8	58	13	9
CLEFT PALATE WITH CLEFT LIP—749.2	1,141	12	4	10	12	144	11	10
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	228	–	–	4	–	20	4	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	421	6	–	6	4	48	11	6
HYPOSPADIAS—752.2	1,625	30	2	12	24	154	21	20
CLUBFOOT—754.0-754.9	2,770	40	10	62	24	258	36	21
POLYDACTYLY—755.0	2,130	71	8	24	50	216	28	14
SYNDACTYLY—755.1	551	8	–	10	6	42	13	12
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	630	12	–	4	6	52	14	12
DISLOCATION OF HIP—755.6	438	12	–	10	–	54	6	4
DOWN'S DISEASE—759.3	1,041	6	4	18	6	128	15	21
WHITE								
ALL LIVE BIRTHS	2,306,481	38,031	4,984	33,658	25,902	263,688	36,657	32,193
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	18,873	210	38	306	184	2,109	341	222
CONGENITAL ANOMALY RATE—740-759	818.3	552.2	762.4	909.1	710.4	799.8	930.2	689.6
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	523	2	–	8	14	70	7	4
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	220	6	2	–	2	14	2	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	935	12	–	4	22	92	10	2
CONGENITAL HYDROCEPHALUS—742	391	4	–	6	4	30	8	2
ANOMALIES OF HEART—746.0-746.9	1,558	4	4	20	6	190	34	23
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	462	2	–	18	4	70	15	6
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	235	–	–	6	–	35	4	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	734	8	2	10	10	110	9	10
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	572	10	–	10	6	54	12	9
CLEFT PALATE WITH CLEFT LIP—749.2	998	12	4	8	10	116	10	10
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	199	–	–	2	–	12	4	2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	380	4	–	6	4	44	11	6
HYPOSPADIAS—752.2	1,462	28	2	12	22	134	18	20
CLUBFOOT—754.0-754.9	2,444	28	8	60	20	234	33	19
POLYDACTYLY—755.0	885	8	2	8	14	116	17	2
SYNDACTYLY—755.1	504	8	–	6	4	42	13	12
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	530	10	–	4	4	46	12	12
DISLOCATION OF HIP—755.6	376	12	–	4	–	40	6	2
DOWN'S DISEASE—759.3	962	4	4	16	2	120	15	21
NEGRO								
ALL LIVE BIRTHS	426,982	20,291	222	1,727	8,510	31,944	1,633	4,154
LIVE BIRTHS WITH CONGENITAL ANOMALIES—740-759	3,081	119	4	16	60	304	26	28
CONGENITAL ANOMALY RATE—740-759	721.6	586.5	1,801.8	926.5	705.1	951.7	1,592.2	674.0
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS—740	33	2	–	–	–	2	–	–
SPINA BIFIDA WITH HYDROCEPHALUS—741.0	14	–	–	–	–	–	–	–
SPINA BIFIDA WITHOUT HYDROCEPHALUS—741.9	82	4	–	–	–	10	–	–
CONGENITAL HYDROCEPHALUS—742	59	6	–	–	–	12	–	2
ANOMALIES OF HEART—746.0-746.9	134	–	–	–	2	18	1	–
OTHER ANOMALIES OF CIRCULATORY SYSTEM—747.0-747.9	44	4	–	2	–	12	–	2
ANOMALIES OF RESPIRATORY SYSTEM—748.0-748.9	14	–	–	–	–	–	1	–
CLEFT PALATE (WITHOUT CLEFT LIP)—749.0	74	2	–	4	–	14	1	2
CLEFT LIP (WITHOUT CLEFT PALATE)—749.1	39	–	–	–	–	2	–	–
CLEFT PALATE WITH CLEFT LIP—749.2	93	–	–	–	2	18	1	–
ANOMALIES OF UPPER ALIMENTARY TRACT—750.1-750.8	21	–	–	2	–	6	–	2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL—751.3	31	2	–	–	–	4	–	–
HYPOSPADIAS—752.2	133	2	–	–	2	10	2	–
CLUBFOOT—754.0-754.9	254	12	–	–	4	16	1	2
POLYDACTYLY—755.0	1,202	63	2	4	36	100	11	12
SYNDACTYLY—755.1	34	–	–	–	2	–	–	–
REDUCTION DEFORMITIES, ALL LIMBS—755.2-755.4	81	2	–	–	2	6	2	–
DISLOCATION OF HIP—755.6	28	–	–	–	–	8	–	2
DOWN'S DISEASE—759.3	60	2	–	–	4	6	–	–

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2B. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	DEL.	D.C.	FLA.	GA.	HAWAII	IDAHO	ILL.	IND.
TOTAL								
ALL LIVE BIRTHS	8,258	10,030	109,842	...	15,503	15,615	167,977	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	42	38	806	...	154	114	1,652	...
CONGENITAL ANOMALY RATE--740-759	508.6	378.9	733.8	...	993.4	730.1	983.5	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	2	8	...	10	-	46	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	-	7	...	2	-	14	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	2	26	...	6	4	74	...
CONGENITAL HYDROCEPHALUS--742	-	-	16	...	2	4	23	...
ANOMALIES OF HEART--746.0-746.9	-	4	76	...	14	10	93	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	2	-	17	...	12	2	9	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	4	...	-	-	14	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	2	4	19	...	12	2	46	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	21	...	8	3	44	...
CLEFT PALATE WITH CLEFT LIP--749.2	2	4	27	...	12	11	89	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	2	...	2	-	21	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	8	...	4	-	34	...
HYPOSPADIAS--752.2	4	-	55	...	14	10	130	...
CLUBFOOT--754.0-754.9	6	8	97	...	16	13	207	...
POLYDACTYLY--755.0	4	14	104	...	2	2	186	...
SYNDACTYLY--755.1	-	-	17	...	-	6	49	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	-	18	...	4	-	53	...
DISLOCATION OF HIP--755.6	2	-	20	...	2	-	44	...
DOWN'S DISEASE--759.3	2	-	27	...	6	2	98	...
WHITE								
ALL LIVE BIRTHS	6,398	1,310	81,398	...	4,211	15,256	130,029	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	30	6	605	...	36	109	1,336	...
CONGENITAL ANOMALY RATE--740-759	468.9	458.0	743.3	...	854.9	714.5	1,027.5	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	-	8	...	6	-	41	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	-	6	...	2	-	10	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	-	21	...	2	4	65	...
CONGENITAL HYDROCEPHALUS--742	-	-	14	...	-	4	19	...
ANOMALIES OF HEART--746.0-746.9	-	-	62	...	2	10	79	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	2	-	15	...	4	2	8	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	2	...	-	-	13	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	2	-	17	...	8	2	38	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	19	...	2	3	40	...
CLEFT PALATE WITH CLEFT LIP--749.2	2	2	22	...	4	11	81	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	2	...	2	-	20	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	6	...	-	-	32	...
HYPOSPADIAS--752.2	2	-	49	...	2	10	118	...
CLUBFOOT--754.0-754.9	4	-	80	...	2	13	181	...
POLYDACTYLY--755.0	2	2	27	...	-	2	62	...
SYNDACTYLY--755.1	-	-	17	...	-	6	48	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	2	-	14	...	-	-	45	...
DISLOCATION OF HIP--755.6	2	-	17	...	-	-	42	...
DOWN'S DISEASE--759.3	2	-	26	...	4	2	92	...
NEGRO								
ALL LIVE BIRTHS	1,770	8,601	27,478	...	298	53	35,054	...
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	12	28	195	...	4	-	296	...
CONGENITAL ANOMALY RATE--740-759	678.0	325.5	709.7	...	1,342.3	-	844.4	...
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	2	-	...	-	-	3	...
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	1	...	-	-	3	...
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	2	5	...	-	-	9	...
CONGENITAL HYDROCEPHALUS--742	-	-	2	...	-	-	4	...
ANOMALIES OF HEART--746.0-746.9	-	2	13	...	-	-	11	...
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	2	...	-	-	1	...
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	2	...	-	-	1	...
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	4	2	...	-	-	6	...
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	2	...	-	-	2	...
CLEFT PALATE WITH CLEFT LIP--749.2	-	2	5	...	-	-	8	...
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	-	...	-	-	1	...
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	2	...	-	-	2	...
HYPOSPADIAS--752.2	2	-	6	...	-	-	12	...
CLUBFOOT--754.0-754.9	2	6	17	...	-	-	24	...
POLYDACTYLY--755.0	2	12	76	...	-	-	124	...
SYNDACTYLY--755.1	-	-	-	...	-	-	-	...
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	2	-	4	...	-	-	5	...
DISLOCATION OF HIP--755.6	-	-	3	...	2	-	-	...
DOWN'S DISEASE--759.3	-	-	1	...	-	-	4	...

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 28. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	IOWA	KANS.	KY.	LA.	MAINE	MD.	MASS.	MICH.
TOTAL								
ALL LIVE BIRTHS	40,220	32,911	53,171	65,809	15,116	53,448	70,071	136,948
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	442	171	378	388	147	222	662	1,313
CONGENITAL ANOMALY RATE--740-759	1,099.0	519.6	710.9	589.6	972.5	415.4	944.8	958.8
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	13	6	12	12	3	6	13	23
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	4	4	6	-	3	6	12	12
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	20	5	28	26	6	12	26	64
CONGENITAL HYDROCEPHALUS--742	9	5	14	6	6	6	16	24
ANOMALIES OF HEART--746.0-746.9	29	9	34	28	14	-	71	93
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	7	2	2	2	8	8	13	19
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	5	7	4	4	5	-	12	14
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	21	4	14	8	6	6	14	55
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	7	7	14	14	6	-	14	46
CLEFT PALATE WITH CLEFT LIP--749.2	24	7	20	26	5	24	20	67
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	11	2	-	8	2	-	10	8
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	9	11	8	10	6	-	10	20
HYPOSPADIAS--752.2	40	5	30	12	7	24	56	104
CLUBFOOT--754.0-754.9	56	20	42	66	18	34	72	188
POLYDACTYLY--755.0	21	6	22	50	6	42	28	151
SYNDACTYLY--755.1	16	1	16	6	5	2	16	35
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	10	3	4	18	5	10	12	24
DISLOCATION OF HIP--755.6	26	2	2	2	3	2	28	27
DOWN'S DISEASE--759.3	12	7	22	14	7	10	32	60
WHITE								
ALL LIVE BIRTHS	39,136	29,949	48,391	39,918	14,958	39,033	64,824	112,503
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	428	161	344	296	144	150	618	1,083
CONGENITAL ANOMALY RATE--740-759	1,093.6	537.6	710.9	741.5	962.7	384.3	953.4	962.6
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	13	6	12	10	3	6	11	19
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	4	4	6	-	3	4	12	10
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	20	4	28	20	6	10	24	61
CONGENITAL HYDROCEPHALUS--742	9	5	14	4	6	6	14	22
ANOMALIES OF HEART--746.0-746.9	28	9	34	24	14	-	65	84
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	6	2	2	2	8	8	11	18
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	5	7	4	4	5	-	12	13
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	21	4	12	6	6	6	14	53
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	7	7	14	12	6	-	14	43
CLEFT PALATE WITH CLEFT LIP--749.2	24	7	18	24	5	18	20	62
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	10	2	-	6	2	-	10	8
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	9	10	6	10	6	-	10	19
HYPOSPADIAS--752.2	40	5	26	6	6	22	50	93
CLUBFOOT--754.0-754.9	56	20	36	52	17	20	72	169
POLYDACTYLY--755.0	16	3	10	20	5	14	20	47
SYNDACTYLY--755.1	16	1	16	4	5	2	16	33
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	10	3	4	14	4	10	12	21
DISLOCATION OF HIP--755.6	26	2	2	2	3	-	20	25
DOWN'S DISEASE--759.3	12	7	18	14	7	8	32	50
NEGRO								
ALL LIVE BIRTHS	791	2,399	4,539	25,599	36	13,365	4,306	23,307
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	12	8	34	90	2	66	38	224
CONGENITAL ANOMALY RATE--740-759	1,517.1	333.5	749.1	351.6	5,555.6	493.8	882.5	961.1
LIVE BIRTHS WITH SELECTED ANOMALIES:								
ANENCEPHALUS--740	-	-	-	2	-	-	2	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	-	-	-	2	-	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	1	-	6	-	2	2	3
CONGENITAL HYDROCEPHALUS--742	-	-	-	2	-	-	2	2
ANOMALIES OF HEART--746.0-746.9	1	-	-	4	-	-	6	9
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	1	-	-	-	-	-	2	1
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	-	-	-	-	-	1
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	-	2	2	-	-	-	2
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	-	-	2	-	-	-	3
CLEFT PALATE WITH CLEFT LIP--749.2	-	-	2	2	-	2	-	5
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	1	-	-	2	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	2	-	-	-	-	1
HYPOSPADIAS--752.2	-	-	4	6	-	2	6	10
CLUBFOOT--754.0-754.9	-	-	6	12	1	14	-	18
POLYDACTYLY--755.0	5	3	12	30	1	28	6	103
SYNDACTYLY--755.1	-	-	-	2	-	-	-	2
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	-	-	4	1	-	-	3
DISLOCATION OF HIP--755.6	-	-	-	-	-	2	6	2
DOWN'S DISEASE--759.3	-	-	4	-	-	2	-	10

[1]"TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 28. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	MINN.	MISS.	MO.	MONT.	NEBR.	NEV.	N.H.
TOTAL							
ALL LIVE BIRTHS	55,767	44,104	69,616	12,264	23,707	8,966	11,640
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	584	250	615	107	227	110	93
CONGENITAL ANOMALY RATE--740-759	1,047.2	566.8	883.4	872.5	957.5	1,226.9	799.0
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	12	8	15	1	5	2	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	4	7	1	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	28	18	39	2	6	10	7
CONGENITAL HYDROCEPHALUS--742	14	8	14	1	6	4	4
ANOMALIES OF HEART--746.0-746.9	54	16	44	10	20	10	11
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	16	-	10	2	8	6	3
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	12	2	4	4	6	-	2
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	26	14	26	3	5	2	1
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	18	8	18	5	6	-	2
CLEFT PALATE WITH CLEFT LIP--749.2	22	16	29	5	9	6	4
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	8	-	5	-	2	-	1
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	6	-	5	-	5	6	3
HYPOSPADIAS--752.2	42	8	54	12	24	2	7
CLUBFOOT--754.0-754.9	54	26	72	13	21	26	11
POLYDACTYLY--755.0	30	48	73	9	18	2	1
SYNDACTYLY--755.1	22	8	8	1	10	2	3
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	28	4	19	3	7	6	1
DISLOCATION OF HIP--755.6	6	2	12	3	7	2	3
DOWN'S DISEASE--759.3	32	4	24	-	14	2	7
WHITE							
ALL LIVE BIRTHS	53,599	22,975	58,231	11,067	22,332	7,618	11,522
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	558	140	491	99	210	90	93
CONGENITAL ANOMALY RATE--740-759	1,041.1	609.4	843.2	894.6	940.4	1,181.4	807.2
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	10	6	13	1	5	2	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	2	4	6	1	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	28	12	35	1	6	6	7
CONGENITAL HYDROCEPHALUS--742	12	4	9	1	6	4	4
ANOMALIES OF HEART--746.0-746.9	52	12	35	9	18	8	11
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	16	-	8	2	8	6	3
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	12	2	4	4	6	-	2
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	26	12	25	3	5	2	1
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	18	2	17	5	6	-	2
CLEFT PALATE WITH CLEFT LIP--749.2	22	12	27	5	9	4	4
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	8	-	3	-	2	-	1
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	6	-	4	-	5	4	3
HYPOSPADIAS--752.2	40	6	47	12	23	-	7
CLUBFOOT--754.0-754.9	52	22	60	11	21	18	11
POLYDACTYLY--755.0	24	8	23	7	13	2	1
SYNDACTYLY--755.1	22	4	8	1	10	2	3
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	22	2	14	2	6	6	1
DISLOCATION OF HIP--755.6	6	2	12	3	7	2	3
DOWN'S DISEASE--759.3	32	4	22	-	14	2	7
NEGRO							
ALL LIVE BIRTHS	1,011	20,845	10,808	60	1,019	974	57
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	18	106	120	-	15	14	-
CONGENITAL ANOMALY RATE--740-759	1,780.4	508.5	1,110.3	-	1,472.0	1,437.4	-
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	-	2	2	-	-	-	-
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	1	-	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	6	4	-	-	4	-
CONGENITAL HYDROCEPHALUS--742	-	4	5	-	-	-	-
ANOMALIES OF HEART--746.0-746.9	2	4	9	-	1	-	-
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	-	-	-	-	-	-
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	-	-	-	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	2	1	-	-	-	-
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	4	1	-	-	-	-
CLEFT PALATE WITH CLEFT LIP--749.2	-	4	2	-	-	2	-
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	2	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	-	-	-	-	2	-
HYPOSPADIAS--752.2	2	2	6	-	1	2	-
CLUBFOOT--754.0-754.9	2	4	12	-	-	4	-
POLYDACTYLY--755.0	6	40	50	-	5	-	-
SYNDACTYLY--755.1	-	4	-	-	-	-	-
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	4	2	5	-	1	-	-
DISLOCATION OF HIP--755.6	-	-	-	-	-	-	-
DOWN'S DISEASE--759.3	-	-	1	-	-	-	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 28. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	N.J.	N. MEX.	N.Y.	N.C.	N. DAK.	OHIO	OKLA.
TOTAL							
ALL LIVE BIRTHS	...	21,311	239,112	...	9,970	160,159	42,446
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	...	414	1,725	...	120	1,577	316
CONGENITAL ANOMALY RATE 740-759	...	1,942.7	721.4	...	1,203.6	984.6	744.5
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	...	4	35	...	4	40	6
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	...	-	15	...	-	14	1
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	...	10	81	...	4	54	28
CONGENITAL HYDROCEPHALUS 742	...	-	38	...	2	46	4
ANOMALIES OF HEART 746.0-746.9	...	160	71	...	18	102	18
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	...	14	43	...	-	42	10
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	...	2	20	...	-	14	6
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	...	12	47	...	8	56	8
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	...	16	47	...	8	44	18
CLEFT PALATE WITH CLEFT LIP 749.2	...	8	82	...	4	58	28
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	...	-	15	...	2	20	8
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	...	4	38	...	2	22	8
HYPOSPADIAS 752.2	...	4	136	...	-	176	16
CLUBFOOT 754.0-754.9	...	34	209	...	24	219	29
POLYDACTYLY 755.0	...	8	242	...	2	112	16
SYNDACTYLY 755.1	...	4	53	...	4	28	6
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	...	4	69	...	2	30	18
DISLOCATION OF HIP 755.6	...	12	20	...	2	24	6
DOWN'S DISEASE 759.3	...	10	95	...	14	44	16
WHITE							
ALL LIVE BIRTHS	...	17,873	188,812	...	9,155	138,558	34,723
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	...	266	1,328	...	110	1,415	228
CONGENITAL ANOMALY RATE 740-759	...	1,488.3	703.3	...	1,201.5	1,021.2	656.6
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	...	4	35	...	4	38	4
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	...	-	14	...	-	12	1
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	...	10	71	...	4	54	22
CONGENITAL HYDROCEPHALUS 742	...	-	33	...	2	44	2
ANOMALIES OF HEART 746.0-746.9	...	110	62	...	18	92	14
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	...	10	42	...	-	40	8
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	...	2	15	...	-	14	4
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	...	8	38	...	8	52	2
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	...	12	43	...	8	42	16
CLEFT PALATE WITH CLEFT LIP 749.2	...	4	75	...	4	54	16
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	...	-	12	...	-	20	4
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	...	2	30	...	2	22	6
HYPOSPADIAS 752.2	...	4	113	...	-	166	14
CLUBFOOT 754.0-754.9	...	34	170	...	20	209	17
POLYDACTYLY 755.0	...	4	86	...	2	52	12
SYNDACTYLY 755.1	...	4	46	...	4	26	6
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	...	2	55	...	2	26	16
DISLOCATION OF HIP 755.6	...	6	19	...	-	24	-
DOWN'S DISEASE 759.3	...	8	88	...	12	40	16
NEGRO							
ALL LIVE BIRTHS	...	487	45,376	...	94	20,448	4,141
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	...	4	355	...	-	156	26
CONGENITAL ANOMALY RATE 740-759	...	821.4	782.4	...	-	762.9	627.9
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	...	-	-	...	-	-	2
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	...	-	1	...	-	2	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	...	-	6	...	-	-	-
CONGENITAL HYDROCEPHALUS 742	...	-	5	...	-	2	-
ANOMALIES OF HEART 746.0-746.9	...	-	6	...	-	10	2
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	...	2	1	...	-	2	2
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	...	-	5	...	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	...	-	4	...	-	4	4
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	...	-	2	...	-	2	-
CLEFT PALATE WITH CLEFT LIP 749.2	...	-	5	...	-	4	4
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	...	-	3	...	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	...	-	8	...	-	-	-
HYPOSPADIAS 752.2	...	-	21	...	-	10	-
CLUBFOOT 754.0-754.9	...	-	34	...	-	10	4
POLYDACTYLY 755.0	...	2	153	...	-	60	2
SYNDACTYLY 755.1	...	-	5	...	-	2	-
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	...	-	12	...	-	4	-
DISLOCATION OF HIP 755.6	...	-	-	...	-	-	-
DOWN'S DISEASE 759.3	...	-	5	...	-	4	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 2B. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	OREG.	PA.	R.I.	S.C.	S. DAK.	TENN.	TEX.
TOTAL							
ALL LIVE BIRTHS	32,519	150,801	11,386	46,526	11,185	63,965	211,007
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	293	1,100	61	277	171	340	1,301
CONGENITAL ANOMALY RATE--740-759	901.0	729.4	535.7	595.4	1,528.8	531.5	616.6
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	12	34	-	9	4	8	34
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	4	8	1	4	2	12	34
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	8	62	5	20	2	20	69
CONGENITAL HYDROCEPHALUS--742	3	22	2	6	1	2	34
ANOMALIES OF HEART--746.0-746.9	22	64	3	15	12	16	84
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	10	16	1	2	2	10	22
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	4	4	-	2	4	8	14
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	8	40	1	16	8	6	52
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	10	34	1	9	8	18	20
CLEFT PALATE WITH CLEFT LIP--749.2	15	53	4	13	14	12	96
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	7	2	2	1	4	10	8
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	5	22	2	3	-	8	34
HYPOSPADIAS--752.2	30	72	6	14	11	22	74
CLUBFOOT--754.0-754.9	36	180	4	31	15	70	174
POLYDACTYLY--755.0	18	108	1	46	14	26	126
SYNDACTYLY--755.1	7	26	-	4	2	6	32
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	12	38	4	12	-	4	54
DISLOCATION OF HIP--755.6	5	12	5	1	8	4	14
DOWN'S DISEASE--759.3	11	53	1	14	9	14	60
WHITE							
ALL LIVE BIRTHS	30,829	131,679	10,638	28,013	9,704	49,979	178,041
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	280	910	59	176	139	284	1,135
CONGENITAL ANOMALY RATE--740-759	908.2	691.1	554.6	628.3	1,432.4	568.2	637.5
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	12	30	-	7	4	8	30
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	4	8	1	4	-	12	32
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	8	54	5	14	2	20	67
CONGENITAL HYDROCEPHALUS--742	3	20	2	3	1	2	32
ANOMALIES OF HEART--746.0-746.9	21	62	3	11	12	14	80
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	10	12	1	2	2	8	18
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	4	2	-	-	-	8	14
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	8	36	1	14	6	4	44
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	10	28	1	6	8	14	18
CLEFT PALATE WITH CLEFT LIP--749.2	14	45	4	11	6	12	88
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	7	2	2	1	4	10	6
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	5	20	2	1	-	8	30
HYPOSPADIAS--752.2	30	68	6	11	11	22	68
CLUBFOOT--754.0-754.9	34	160	4	24	13	62	162
POLYDACTYLY--755.0	15	36	1	7	12	8	68
SYNDACTYLY--755.1	7	20	-	1	2	4	26
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	11	32	4	6	-	4	44
DISLOCATION OF HIP--755.6	5	12	4	-	8	4	12
DOWN'S DISEASE--759.3	11	49	1	11	7	14	54
NEGRO							
ALL LIVE BIRTHS	708	18,228	587	18,182	41	13,662	31,540
LIVE BIRTHS WITH CONGENITAL ANOMALIES--740-759	8	186	1	100	-	54	162
CONGENITAL ANOMALY RATE--740-759	1,129.9	1,020.4	170.4	550.0	-	395.3	513.6
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS--740	-	4	-	2	-	-	4
SPINA BIFIDA WITH HYDROCEPHALUS--741.0	-	-	-	-	-	-	2
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	-	8	-	6	-	-	2
CONGENITAL HYDROCEPHALUS--742	-	2	-	3	-	-	2
ANOMALIES OF HEART--746.0-746.9	1	2	-	4	-	2	4
OTHER ANOMALIES OF CIRCULATORY SYSTEM--747.0-747.9	-	4	-	-	-	2	4
ANOMALIES OF RESPIRATORY SYSTEM--748.0-748.9	-	2	-	2	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)--749.0	-	4	-	2	-	2	6
CLEFT LIP (WITHOUT CLEFT PALATE)--749.1	-	6	-	3	-	2	2
CLEFT PALATE WITH CLEFT LIP--749.2	-	8	-	1	-	-	8
ANOMALIES OF UPPER ALIMENTARY TRACT--750.1-750.8	-	-	-	-	-	-	2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL--751.3	-	2	-	2	-	-	4
HYPOSPADIAS--752.2	-	4	-	3	-	-	6
CLUBFOOT--754.0-754.9	-	20	-	7	-	8	12
POLYDACTYLY--755.0	3	72	-	39	-	18	58
SYNDACTYLY--755.1	-	4	-	3	-	2	4
REDUCTION DEFORMITIES, ALL LIMBS--755.2-755.4	-	6	-	6	-	-	10
DISLOCATION OF HIP--755.6	-	-	-	1	-	-	2
DOWN'S DISEASE--759.3	-	4	-	3	-	-	6

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 28. LIVE BIRTHS AND CONGENITAL ANOMALY RATES FOR ALL ANOMALIES COMBINED AND LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES, BY RACE: 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1974--CON.

(SEE HEADNOTE AT BEGINNING OF TABLE)

CONGENITAL ANOMALY AND RACE[1]	UTAH	VT.	VA.	WASH.	W. VA.	WIS.	WYO.
TOTAL							
ALL LIVE BIRTHS	29,966	6,887	70,727	50,039	27,876	65,191	6,541
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	245	63	522	598	254	617	79
CONGENITAL ANOMALY RATE 740-759	817.6	914.8	738.0	1,195.1	911.2	946.4	1,207.8
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	4	4	22	10	6	22	-
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	5	-	8	10	-	8	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	12	2	40	10	18	22	2
CONGENITAL HYDROCEPHALUS 742	2	3	4	15	6	10	-
ANOMALIES OF HEART 746.0-746.9	18	9	26	96	12	77	16
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	8	1	4	20	8	18	8
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	2	5	2	4	4	14	2
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	12	2	26	11	14	30	-
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	2	-	14	12	4	20	4
CLEFT PALATE WITH CLEFT LIP 749.2	16	4	22	20	18	40	2
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	4	-	2	8	8	12	1
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	6	1	18	4	4	14	-
HYPOSPADIAS 752.2	18	5	40	48	16	32	2
CLUBFOOT 754.0-754.9	18	3	58	50	40	43	16
POLYDACTYLY 755.0	14	1	68	36	16	40	6
SYNDACTYLY 755.1	4	1	16	20	10	12	2
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	2	-	10	10	10	18	-
DISLOCATION OF HIP 755.6	6	-	6	12	10	10	-
DOWN'S DISEASE 759.3	14	3	36	20	8	37	2
WHITE							
ALL LIVE BIRTHS	29,036	6,847	54,032	45,542	26,607	60,348	6,294
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	234	62	406	494	248	583	79
CONGENITAL ANOMALY RATE 740-759	805.9	905.5	751.4	1,084.7	932.1	966.1	1,255.2
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	2	4	22	10	6	22	-
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	4	-	8	10	-	8	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	12	2	38	8	18	22	2
CONGENITAL HYDROCEPHALUS 742	2	3	2	15	6	8	-
ANOMALIES OF HEART 746.0-746.9	16	9	22	74	12	73	16
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	8	1	4	16	8	18	8
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	2	4	2	4	4	14	2
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	12	2	24	9	14	30	-
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	2	-	10	8	4	20	4
CLEFT PALATE WITH CLEFT LIP 749.2	16	4	18	20	16	36	2
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	4	-	2	8	8	12	1
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	6	1	18	4	4	14	-
HYPOSPADIAS 752.2	18	5	32	46	16	30	2
CLUBFOOT 754.0-754.9	18	3	56	42	40	41	16
POLYDACTYLY 755.0	10	1	16	26	14	34	6
SYNDACTYLY 755.1	4	1	14	16	10	12	2
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	2	-	10	8	10	18	-
DISLOCATION OF HIP 755.6	6	-	6	10	10	10	-
DOWN'S DISEASE 759.3	14	3	30	20	8	37	2
NEGRO							
ALL LIVE BIRTHS	136	13	15,655	1,716	1,170	3,875	72
LIVE BIRTHS WITH CONGENITAL ANOMALIES 740-759	-	-	108	48	6	28	-
CONGENITAL ANOMALY RATE 740-759	-	-	689.9	2,797.2	512.8	722.6	-
LIVE BIRTHS WITH SELECTED ANOMALIES:							
ANENCEPHALUS 740	-	-	-	-	-	-	-
SPINA BIFIDA WITH HYDROCEPHALUS 741.0	-	-	-	-	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS 741.9	-	-	2	-	-	-	-
CONGENITAL HYDROCEPHALUS 742	-	-	2	-	-	2	-
ANOMALIES OF HEART 746.0-746.9	-	-	4	12	-	4	-
OTHER ANOMALIES OF CIRCULATORY SYSTEM 747.0-747.9	-	-	-	-	-	-	-
ANOMALIES OF RESPIRATORY SYSTEM 748.0-748.9	-	-	-	-	-	-	-
CLEFT PALATE (WITHOUT CLEFT LIP) 749.0	-	-	2	2	-	-	-
CLEFT LIP (WITHOUT CLEFT PALATE) 749.1	-	-	4	2	-	-	-
CLEFT PALATE WITH CLEFT LIP 749.2	-	-	4	-	2	2	-
ANOMALIES OF UPPER ALIMENTARY TRACT 750.1-750.8	-	-	-	-	-	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL 751.3	-	-	-	-	-	-	-
HYPOSPADIAS 752.2	-	-	8	2	-	2	-
CLUBFOOT 754.0-754.9	-	-	2	-	-	-	-
POLYDACTYLY 755.0	-	-	52	4	2	6	-
SYNDACTYLY 755.1	-	-	-	4	-	-	-
REDUCTION DEFORMITIES, ALL LIMBS 755.2-755.4	-	-	-	-	-	-	-
DISLOCATION OF HIP 755.6	-	-	-	-	-	-	-
DOWN'S DISEASE 759.3	-	-	4	-	-	-	-

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 3. CONGENITAL ANOMALY RATES BY BIRTH WEIGHT AND RACE FOR ALL ANOMALIES COMBINED AND FOR SELECTED ANOMALIES: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY AND RACE[1]	TOTAL[2]	BIRTH WEIGHT[3]								
		1,500 GRAMS OR LESS	1,501-2,000 GRAMS	2,001-2,500 GRAMS	2,500 GRAMS OR LESS	2,501-3,000 GRAMS	3,001-3,500 GRAMS	3,501-4,000 GRAMS	4,001-4,500 GRAMS	4,501 GRAMS OR MORE
TOTAL (ALL ANOMALIES)-----740-759	820.5	2,146.4	2,454.1	1,674.0	1,894.1	964.1	684.4	636.9	661.8	929.1
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	21.0	324.8	233.2	96.5	157.2	20.6	7.7	5.3	4.0	14.0
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	8.4	15.9	8.9	14.0	13.3	9.2	6.7	7.3	9.7	20.9
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	35.3	157.6	108.3	81.7	98.3	42.5	29.9	24.6	16.8	16.3
CONGENITAL HYDROCEPHALUS----------742	16.3	92.4	82.8	28.4	48.4	10.8	8.3	13.9	22.9	97.7
ANOMALIES OF HEART----------746.0-746.9	62.4	103.5	209.0	133.3	143.2	74.7	48.2	49.3	54.5	97.7
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	18.4	89.2	99.4	43.1	60.8	25.9	13.1	10.2	10.9	23.3
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	10.4	55.7	66.3	36.5	45.1	12.0	6.7	5.7	5.0	3.5
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	29.3	49.4	103.2	74.0	75.8	35.2	24.7	21.9	21.2	17.4
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	23.9	30.3	37.0	28.0	30.0	25.9	21.5	23.9	21.5	34.9
CLEFT PALATE WITH CLEFT LIP---------749.2	40.3	82.8	107.0	78.8	84.8	45.2	34.1	32.5	40.4	53.5
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	10.2	55.7	67.5	30.6	41.4	16.1	6.3	4.8	4.5	2.3
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	15.8	81.2	75.2	41.2	53.8	20.4	12.1	8.6	10.6	17.4
HYPOSPADIAS----------752.2	59.5	74.8	105.8	101.3	98.1	59.1	49.0	62.1	62.5	77.9
CLUBFOOT----------754.0-754.9	99.4	184.7	200.1	159.1	170.8	126.1	91.5	80.6	76.2	64.0
POLYDACTYLY----------755.0	78.2	86.0	119.8	120.4	115.1	98.7	77.5	60.3	60.2	81.4
SYNDACTYLY----------755.1	20.2	31.8	37.0	37.2	36.3	20.7	18.5	16.9	20.1	32.6
REDUCTION DEFORMITIES---------755.2-755.4	22.5	78.0	86.6	58.5	66.9	29.0	19.4	14.3	11.6	3.5
DISLOCATION OF HIP----------755.6	15.3	9.6	24.2	17.3	17.4	14.0	15.3	14.9	16.3	15.1
DOWN'S DISEASE----------759.3	37.5	23.9	79.0	99.8	84.3	63.3	33.7	20.8	12.7	9.3
WHITE (ALL ANOMALIES)-------740-759	829.8	2,634.6	2,814.6	1,897.2	2,176.7	1,028.1	690.1	625.1	654.8	927.1
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	22.9	427.6	267.9	125.2	195.9	25.8	8.9	5.4	4.2	12.8
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	9.5	21.4	12.8	17.1	16.9	11.0	7.5	7.8	10.4	23.0
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	38.9	211.4	124.8	94.7	117.3	50.6	33.9	26.5	18.0	17.9
CONGENITAL HYDROCEPHALUS----------742	16.8	104.5	97.2	35.7	57.3	12.7	8.8	13.3	21.3	85.8
ANOMALIES OF HEART----------746.0-746.9	66.3	125.9	253.2	153.1	168.0	87.5	51.9	49.3	53.9	99.9
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	19.4	111.7	121.1	51.7	73.5	27.9	14.3	10.6	10.7	23.0
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	11.0	66.5	73.4	45.0	53.5	13.6	7.5	5.8	4.9	3.8
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	32.0	59.4	132.1	92.1	94.9	40.9	27.7	22.7	20.3	16.6
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	26.4	38.0	38.5	31.0	33.5	29.9	24.5	25.0	23.7	35.9
CLEFT PALATE WITH CLEFT LIP---------749.2	43.6	87.9	126.6	94.2	99.4	50.2	37.6	34.1	43.5	58.9
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	11.4	68.9	89.9	37.2	51.7	20.2	7.2	5.0	4.4	-
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	17.5	106.9	84.4	53.8	67.3	25.3	13.7	9.0	10.1	19.2
HYPOSPADIAS----------752.2	65.8	97.4	126.6	123.1	120.0	67.2	54.5	66.5	66.9	83.2
CLUBFOOT----------754.0-754.9	106.3	225.7	236.7	185.2	200.8	142.8	98.5	85.7	75.0	67.9
POLYDACTYLY----------755.0	39.4	59.4	88.1	66.2	69.3	45.0	35.7	32.3	41.4	66.6
SYNDACTYLY----------755.1	22.2	38.0	45.9	42.4	42.4	23.4	20.8	18.3	21.1	35.9
REDUCTION DEFORMITIES---------755.2-755.4	23.3	95.0	97.2	64.7	75.2	33.0	20.5	14.5	12.2	3.8
DISLOCATION OF HIP----------755.6	16.3	11.9	31.2	18.1	19.7	15.5	16.4	15.2	17.7	14.1
DOWN'S DISEASE----------759.3	41.9	35.6	95.4	128.3	108.7	76.8	38.1	21.9	14.1	7.7
NEGRO (ALL ANOMALIES)-------740-759	732.4	1,077.7	1,407.7	1,051.7	1,126.0	743.4	619.5	655.8	714.3	851.1
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	9.6	93.3	135.8	19.7	55.1	2.3	2.4	1.3	3.1	31.5
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	3.0	5.2	-	4.2	3.6	3.6	2.1	4.5	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	17.6	41.4	76.9	40.8	48.0	18.2	11.8	10.2	6.3	-
CONGENITAL HYDROCEPHALUS----------742	13.7	41.4	54.3	11.2	24.9	5.9	5.5	19.2	47.2	204.9
ANOMALIES OF HEART----------746.0-746.9	30.1	51.8	49.8	70.3	63.1	25.5	18.8	29.4	47.2	63.0
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	11.5	36.3	27.2	21.1	24.9	17.3	6.7	3.8	15.7	-
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	6.3	25.9	45.3	14.1	22.2	6.4	3.0	1.9	6.3	-
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	14.0	20.7	40.7	23.9	26.7	15.0	8.5	14.1	15.7	31.5
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	9.3	15.5	22.6	14.1	16.0	11.8	6.4	9.6	-	-
CLEFT PALATE WITH CLEFT LIP---------749.2	19.0	67.4	58.8	35.1	45.3	21.4	11.8	14.7	-	-
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	4.0	20.7	9.1	9.8	11.6	4.1	1.8	3.8	-	-
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	7.2	20.7	45.3	11.2	19.6	3.6	5.5	5.8	15.7	-
HYPOSPADIAS----------752.2	29.7	31.1	58.8	39.4	41.8	33.2	22.2	33.3	25.2	31.5
CLUBFOOT----------754.0-754.9	62.1	98.4	117.7	90.0	96.9	69.2	54.3	38.4	88.1	-
POLYDACTYLY----------755.0	287.9	150.3	199.2	279.8	241.7	284.8	298.7	301.3	295.8	283.7
SYNDACTYLY----------755.1	9.4	10.4	18.1	26.7	22.2	10.9	6.7	5.1	6.3	-
REDUCTION DEFORMITIES---------755.2-755.4	18.2	36.3	54.3	46.4	46.2	15.9	14.3	12.2	6.3	-
DISLOCATION OF HIP----------755.6	5.8	5.2	9.1	15.5	12.4	6.8	4.6	3.2	3.1	-
DOWN'S DISEASE----------759.3	14.8	-	27.2	21.1	18.7	21.4	11.5	9.6	-	31.5

[1] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[2] INCLUDES BIRTHS WITH BIRTH WEIGHT NOT STATED.
[3] EQUIVALENTS OF THE GRAM WEIGHTS IN TERMS OF POUNDS AND OUNCES ARE SHOWN IN THE TECHNICAL APPENDIX.

TABLE 4. CONGENITAL ANOMALY RATES BY AGE OF MOTHER AND RACE FOR ALL ANOMALIES COMBINED AND FOR SELECTED ANOMALIES: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY AND RACE[1]	TOTAL	AGE OF MOTHER							
		10-14 YEARS	15-19 YEARS			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-16 YEARS	17-19 YEARS					
TOTAL (ALL ANOMALIES)-----740-759	820.5	820.2	811.7	806.7	812.8	804.1	779.5	835.4	1,036.5	1,710.5
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	21.0	13.9	14.2	9.4	15.3	21.7	23.2	26.0	18.7	10.6
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	8.4	-	8.6	6.8	9.0	10.3	7.0	6.2	8.2	10.6
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	35.3	69.5	36.8	39.5	36.1	35.5	33.6	32.4	39.8	49.3
CONGENITAL HYDROCEPHALUS----------742	16.3	9.3	17.0	17.7	16.9	17.2	15.5	13.3	18.3	17.6
ANOMALIES OF HEART----------746.0-746.9	62.4	41.7	50.5	54.5	49.6	62.3	60.6	70.3	88.2	149.6
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	18.4	-	15.3	16.1	15.2	18.1	19.2	20.7	20.1	31.7
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	10.4	9.3	11.2	9.9	11.5	10.7	8.3	13.0	9.1	14.1
CLEFT PALATE (WITHOUT CLEFT LIP)-----749.0	29.3	4.6	25.7	26.0	25.7	27.5	29.1	35.0	45.7	45.8
CLEFT LIP (WITHOUT CLEFT PALATE)-----749.1	23.9	-	19.8	17.1	20.4	24.7	24.0	26.2	25.6	40.5
CLEFT PALATE WITH CLEFT LIP----------749.2	40.3	55.6	37.1	27.0	39.4	35.7	43.5	43.5	50.7	91.5
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	10.2	13.9	8.9	3.1	10.1	9.9	9.5	10.8	20.6	17.6
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	15.8	9.3	13.1	7.8	14.3	15.0	15.6	18.9	25.1	29.9
HYPOSPADIAS----------752.2	59.5	27.8	57.1	57.1	57.1	60.6	61.1	57.4	53.5	81.0
CLUBFOOT----------754.0-754.9	99.4	115.9	109.8	111.2	109.5	102.5	90.8	91.3	105.6	103.8
POLYDACTYLY----------755.0	78.2	134.4	103.5	140.3	95.3	79.7	63.1	66.6	80.4	96.8
SYNDACTYLY----------755.1	20.2	18.5	21.3	17.7	22.2	20.1	19.4	18.5	18.7	45.8
REDUCTION DEFORMITIES----------755.2-755.4	22.5	32.4	26.1	29.6	25.3	20.9	22.5	20.0	23.8	28.2
DISLOCATION OF HIP----------755.6	15.3	4.6	13.0	17.1	12.1	15.4	16.0	15.4	17.8	22.9
DOWN'S DISEASE----------759.3	37.5	-	17.5	19.2	17.1	20.2	29.5	46.6	159.5	670.5
WHITE (ALL ANOMALIES)--------740-759	829.8	856.3	833.4	831.5	833.7	811.6	779.7	845.0	1,081.8	1,792.8
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	22.9	-	15.3	10.2	16.3	24.7	23.7	27.9	20.7	13.2
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	9.5	-	10.6	6.8	11.4	11.7	7.5	6.9	9.5	11.0
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	38.9	91.3	45.2	50.1	44.3	38.4	36.1	35.6	44.3	52.7
CONGENITAL HYDROCEPHALUS----------742	16.8	-	18.9	27.2	17.4	18.0	15.6	13.9	16.3	17.6
ANOMALIES OF HEART----------746.0-746.9	66.3	45.7	56.0	54.4	56.3	66.3	62.1	74.9	93.0	158.2
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	19.4	-	17.3	20.4	16.7	18.3	19.7	22.2	23.0	35.2
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	11.0	-	12.4	10.2	12.8	11.4	8.7	14.4	11.2	6.6
CLEFT PALATE (WITHOUT CLEFT LIP)-----749.0	32.0	11.4	29.1	29.7	29.0	30.3	30.5	37.7	49.3	52.7
CLEFT LIP (WITHOUT CLEFT PALATE)-----749.1	26.4	-	22.5	18.7	23.2	27.2	26.3	28.3	25.8	46.1
CLEFT PALATE WITH CLEFT LIP----------749.2	43.6	57.1	44.8	33.1	47.0	38.7	44.5	46.2	54.9	87.9
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	11.4	34.3	11.2	3.4	12.6	10.9	9.8	11.6	24.1	22.0
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	17.5	11.4	15.0	8.5	16.3	16.2	17.0	20.6	29.1	37.4
HYPOSPADIAS----------752.2	65.8	22.8	68.4	72.2	67.7	67.0	65.1	60.3	61.1	98.9
CLUBFOOT----------754.0-754.9	106.3	137.0	126.4	134.2	125.0	109.9	94.3	93.5	121.6	109.9
POLYDACTYLY----------755.0	39.4	34.3	38.2	55.2	35.0	40.3	39.1	36.6	46.5	48.3
SYNDACTYLY----------755.1	22.2	22.8	25.0	19.5	26.0	21.4	21.4	21.0	21.3	48.3
REDUCTION DEFORMITIES----------755.2-755.4	23.3	22.8	28.9	41.6	26.5	21.5	22.9	20.8	28.0	22.0
DISLOCATION OF HIP----------755.6	16.3	-	14.1	21.2	12.8	16.7	16.7	15.5	19.6	24.2
DOWN'S DISEASE----------759.3	41.9	-	21.2	23.8	20.7	22.5	31.3	52.5	173.8	764.6
NEGRO (ALL ANOMALIES)--------740-759	732.4	785.2	721.5	737.5	715.9	717.8	714.5	765.0	802.3	1,240.4
SELECTED ANOMALIES:										
ANENCEPHALUS----------740	9.6	24.0	10.8	8.4	11.6	6.5	10.8	12.1	12.3	-
SPINA BIFIDA WITH HYDROCEPHALUS-----741.0	3.0	-	2.9	7.0	1.4	3.1	3.8	1.3	3.1	10.5
SPINA BIFIDA WITHOUT HYDROCEPHALUS--741.9	17.6	56.1	15.1	23.8	12.1	19.8	17.1	9.4	18.5	42.0
CONGENITAL HYDROCEPHALUS----------742	13.7	16.0	11.8	2.8	15.0	13.6	16.5	8.1	33.9	-
ANOMALIES OF HEART----------746.0-746.9	30.1	40.1	26.9	49.0	19.3	28.0	32.4	29.6	55.5	52.6
OTHER ANOM. OF CIRC. SYSTEM---747.0-747.9	11.5	-	9.3	5.6	10.6	12.3	14.6	12.1	9.3	21.0
ANOM. OF RESPIRATORY SYSTEM---748.0-748.9	6.3	16.0	6.8	7.0	6.8	5.8	3.8	6.7	-	52.6
CLEFT PALATE (WITHOUT CLEFT LIP)-----749.0	14.0	-	15.4	15.4	15.4	10.9	14.6	13.4	37.0	-
CLEFT LIP (WITHOUT CLEFT PALATE)-----749.1	9.3	-	10.0	14.0	8.7	10.2	4.4	6.7	24.7	21.0
CLEFT PALATE WITH CLEFT LIP----------749.2	19.0	40.1	12.2	12.6	12.1	16.0	27.3	25.5	21.6	84.1
ANOM., UPPER ALIMENTARY TRACT-750.1-750.8	4.0	-	2.5	2.8	2.4	4.1	5.7	5.4	6.2	-
ATRESIA AND STENOSIS OF RECTUM ETC.-751.3	7.2	8.0	7.5	7.0	7.7	7.5	5.1	9.4	9.3	-
HYPOSPADIAS----------752.2	29.7	32.0	30.1	35.0	28.5	29.7	29.2	39.0	12.3	10.5
CLUBFOOT----------754.0-754.9	62.1	104.2	64.9	72.8	62.2	61.1	53.9	69.9	43.2	94.6
POLYDACTYLY----------755.0	287.9	208.3	282.7	284.1	282.2	296.5	283.0	295.8	277.7	336.4
SYNDACTYLY----------755.1	9.4	16.0	11.5	12.6	11.1	11.6	3.8	2.7	9.3	21.0
REDUCTION DEFORMITIES----------755.2-755.4	18.2	40.1	17.6	11.2	19.8	18.1	20.3	18.8	6.2	10.5
DISLOCATION OF HIP----------755.6	5.8	8.0	6.1	8.4	5.3	5.8	5.1	6.7	6.2	-
DOWN'S DISEASE----------759.3	14.8	-	6.1	7.0	5.8	6.8	14.6	14.8	89.5	283.8

[1]"TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 5. CONGENITAL ANOMALY RATES BY PLURALITY OF BIRTH AND RACE FOR ALL ANOMALIES COMBINED AND FOR SELECTED ANOMALIES: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING CONGENITAL ANOMALIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY	ALL LIVE BIRTHS			SINGLE LIVE BIRTHS			LIVE BIRTHS IN PLURAL DELIVERIES		
	TOTAL[1]	WHITE	NEGRO	TOTAL[1]	WHITE	NEGRO	TOTAL[1]	WHITE	NEGRO
ALL ANOMALIES----------740-759	820.5	829.8	732.4	817.8	826.5	731.7	965.7	1,010.7	764.1
SELECTED ANOMALIES:									
ANENCEPHALUS----------740	21.0	22.9	9.6	20.7	22.6	9.5	35.7	42.6	10.5
SPINA BIFIDA WITH HYDROCEPHALUS----------741.0	8.4	9.5	3.0	8.4	9.5	3.1	7.7	9.7	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS----------741.9	35.3	38.9	17.6	35.2	38.7	18.0	38.6	48.6	-
CONGENITAL HYDROCEPHALUS----------742	16.3	16.8	13.7	16.1	16.7	13.7	22.2	24.3	15.7
ANOMALIES OF HEART----------746.0-746.9	62.4	66.3	30.1	62.1	66.1	29.8	77.3	76.6	41.9
OTHER ANOM. OF CIRC. SYSTEM----------747.0-747.9	18.4	19.4	11.5	17.7	18.6	11.4	51.2	60.8	15.7
ANOM. OF RESPIRATORY SYSTEM----------748.0-748.9	10.4	11.0	6.3	10.3	11.0	6.1	13.5	10.9	15.7
CLEFT PALATE (WITHOUT CLEFT LIP)----------749.0	29.3	32.0	14.0	29.1	31.8	13.8	39.6	45.0	20.9
CLEFT LIP (WITHOUT CLEFT PALATE)----------749.1	23.9	26.4	9.3	23.8	26.3	9.1	29.9	31.6	20.9
CLEFT PALATE WITH CLEFT LIP----------749.2	40.3	43.6	19.0	40.4	43.5	18.9	39.6	45.0	20.9
ANOM., UPPER ALIMENTARY TRACT--------750.1-750.8	10.2	11.4	4.0	10.1	11.3	3.8	12.6	13.4	10.5
ATRESIA AND STENOSIS OF RECTUM ETC.--------751.3	15.8	17.5	7.2	15.7	17.4	7.3	21.2	25.5	5.2
HYPOSPADIAS----------752.2	59.5	65.8	29.7	59.3	65.7	28.8	71.5	74.2	68.0
CLUBFOOT----------754.0-754.9	99.4	106.3	62.1	98.6	105.5	62.1	137.1	153.2	62.8
POLYDACTYLY----------755.0	78.2	39.4	287.9	78.1	39.1	289.6	85.0	57.2	214.6
SYNDACTYLY----------755.1	20.2	22.2	9.4	20.0	22.0	9.2	30.9	34.1	20.9
REDUCTION DEFORMITIES----------755.2-755.4	22.5	23.3	18.2	22.3	23.1	18.1	30.9	32.8	20.9
DISLOCATION OF HIP----------755.6	15.3	16.3	5.8	15.3	16.3	5.6	12.6	12.2	15.7
DOWN'S DISEASE----------759.3	37.5	41.9	14.8	37.9	42.4	14.4	18.3	15.8	31.4

[1]INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 6. CONGENITAL ANOMALY RATES BY LEGITIMACY STATUS AND RACE FOR ALL ANOMALIES COMBINED AND FOR SELECTED ANOMALIES: TOTAL OF 35 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BOTH CONGENITAL ANOMALIES AND LEGITIMACY STATUS TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY	LEGITIMATE BIRTHS			ILLEGITIMATE BIRTHS		
	TOTAL[1]	WHITE	NEGRO	TOTAL[1]	WHITE	NEGRO
ALL ANOMALIES----------740-759	805.2	812.7	700.4	807.6	936.4	703.5
SELECTED ANOMALIES:						
ANENCEPHALUS----------740	21.6	23.0	10.1	12.2	16.2	9.3
SPINA BIFIDA WITH HYDROCEPHALUS----------741.0	9.8	10.6	3.4	6.1	11.5	2.8
SPINA BIFIDA WITHOUT HYDROCEPHALUS----------741.9	37.0	39.5	17.4	29.6	46.6	18.9
CONGENITAL HYDROCEPHALUS----------742	15.9	16.2	12.5	15.8	20.4	12.0
ANOMALIES OF HEART----------746.0-746.9	62.0	64.8	31.4	50.5	77.0	30.6
OTHER ANOMALIES OF CIRCULATORY SYSTEM----------747.0-747.9	16.4	17.0	8.5	12.8	18.9	8.3
ANOM. OF RESPIRATORY SYSTEM----------748.0-748.9	9.9	10.2	6.1	10.7	14.7	7.2
CLEFT PALATE (WITHOUT CLEFT LIP)----------749.0	30.4	31.6	17.4	27.2	54.5	8.9
CLEFT LIP (WITHOUT CLEFT PALATE)----------749.1	25.3	26.7	12.2	17.0	29.3	8.3
CLEFT PALATE WITH CLEFT LIP----------749.2	42.2	44.3	19.5	28.4	42.4	16.2
ANOMALIES OF UPPER ALIMENTARY TRACT----------750.1-750.8	11.2	12.3	3.0	8.5	15.2	3.1
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL----------751.3	16.5	17.7	6.7	11.5	17.8	5.8
HYPOSPADIAS----------752.2	58.6	62.6	28.7	38.3	61.8	24.4
CLUBFOOT----------754.0-754.9	99.9	104.9	53.4	93.4	134.1	65.7
POLYDACTYLY----------755.0	62.4	37.5	277.5	184.8	43.0	279.0
SYNDACTYLY----------755.1	21.0	22.2	8.2	18.0	27.8	11.0
REDUCTION DEFORMITIES, ALL LIMBS----------755.2-755.4	20.9	21.5	14.9	22.5	29.3	17.2
DISLOCATION OF HIP----------755.6	15.3	16.6	3.0	10.9	14.7	7.6
DOWN'S DISEASE----------759.3	38.3	40.9	17.1	19.7	32.0	10.3

[1]INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 7. CONGENITAL ANOMALY RATES BY OUTCOME OF LAST PREGNANCY, INTERVAL SINCE TERMINATION OF LAST PREGNANCY, AND RACE: TOTAL OF 36 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BOTH CONGENITAL ANOMALIES AND DATES OF LAST LIVE BIRTH AND LAST FETAL DEATH TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. RATES ARE NUMBER OF LIVE BIRTHS WITH CONGENITAL ANOMALIES PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP)

OUTCOME OF LAST PREGNANCY AND INTERVAL SINCE TERMINATION OF LAST PREGNANCY	TOTAL[1]	WHITE	NEGRO
ALL SECOND AND HIGHER ORDER PREGNANCIES WITH CONGENITAL ANOMALIES[2]	854.5	863.2	791.4
0 MONTHS (PLURAL DELIVERIES)	1,132.2	1,159.5	959.0
1-11 MONTHS	920.3	930.5	746.2
12-17 MONTHS	827.5	835.6	749.4
18-23 MONTHS	857.3	872.1	771.2
24-35 MONTHS	838.0	845.5	784.7
36-47 MONTHS	808.7	810.3	790.3
48-59 MONTHS	788.1	788.6	738.5
60 MONTHS OR MORE	916.0	946.0	784.0
NOT STATED	898.9	895.0	891.2
LAST PREGNANCY LIVE BIRTH	829.8	837.4	777.0
0 MONTHS (PLURAL DELIVERIES)	1,119.1	1,145.9	940.4
1-11 MONTHS	860.9	875.5	661.7
12-17 MONTHS	805.9	817.4	719.9
18-23 MONTHS	825.4	834.8	770.2
24-35 MONTHS	822.6	827.9	785.3
36-47 MONTHS	803.2	802.2	800.2
48-59 MONTHS	774.2	775.6	723.1
60 MONTHS OR MORE	910.0	937.9	789.6
NOT STATED	759.4	730.7	881.7
LAST PREGNANCY FETAL DEATH	1,008.2	1,024.5	875.5
0 MONTHS (PLURAL DELIVERIES)	1,707.8	1,985.1	900.9
1-11 MONTHS	1,004.4	996.4	998.4
12-17 MONTHS	899.6	889.6	921.8
18-23 MONTHS	1,104.8	1,152.1	783.8
24-35 MONTHS	1,080.9	1,128.1	781.4
36-47 MONTHS	954.1	1,025.3	606.3
48-59 MONTHS	1,170.2	1,148.3	1,126.8
60 MONTHS OR MORE	1,149.8	1,255.7	589.8
NOT STATED	997.7	978.8	1,006.3
LAST PREGNANCY OUTCOME UNKNOWN	1,001.1	1,023.8	869.7
0 MONTHS (PLURAL DELIVERIES)	*	*	*
1-11 MONTHS	-	-	-
12-17 MONTHS	1,123.6	1,351.4	-
18-23 MONTHS	-	-	-
24-35 MONTHS	-	-	-
36-47 MONTHS	-	-	-
48-59 MONTHS	2,381.0	2,564.1	-
60 MONTHS OR MORE	-	-	-
NOT STATED	1,006.1	1,029.9	870.1

[1] INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[2] EXCLUDES BIRTHS WITH BIRTH ORDER NOT STATED.

TABLE 8. CONGENITAL ANOMALY RATES BY EDUCATIONAL ATTAINMENT OF MOTHER AND RACE FOR ALL ANOMALIES COMBINED AND FOR SELECTED ANOMALIES: TOTAL OF 37 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BOTH CONGENITAL ANOMALIES AND EDUCATIONAL ATTAINMENT TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. NUMBERS AFTER CONGENITAL ANOMALIES ARE CATEGORY NUMBERS OF THE EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, ADAPTED, 1965 (ICDA). RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED ANOMALY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP. WHERE THERE IS MORE THAN ONE DEFECT PER BIRTH WITHIN ANY GROUPING OF ICDA CODES, THE BIRTH IS COUNTED ONLY ONCE. FOR COMPLETE CATEGORY TITLES, SEE TABLE 1A)

CONGENITAL ANOMALY AND RACE[1]	TOTAL	YEARS OF SCHOOL COMPLETED BY MOTHER					
		0-8 YEARS	9-11 YEARS	12 YEARS	13-15 YEARS	16 YEARS AND OVER	NOT STATED
TOTAL (ALL ANOMALIES)----740-759	841.8	853.5	879.6	850.1	828.7	776.7	651.5
SELECTED ANOMALIES:							
ANENCEPHALUS----740	21.1	13.2	19.8	22.1	21.3	19.2	42.7
SPINA BIFIDA WITH HYDROCEPHALUS----741.0	8.4	6.8	9.0	9.8	6.6	4.5	9.5
SPINA BIFIDA WITHOUT HYDROCEPHALUS----741.9	36.1	37.9	40.5	38.7	28.8	27.8	23.7
CONGENITAL HYDROCEPHALUS----742	16.8	20.9	16.3	18.0	13.3	13.9	23.7
ANOMALIES OF HEART----746.0-746.9	59.4	57.1	60.1	58.1	67.7	54.8	48.7
OTHER ANOMALIES OF CIRCULATORY SYSTEM----747.0-747.9	17.9	13.2	18.6	18.2	19.5	16.7	9.5
ANOMALIES OF RESPIRATORY SYSTEM----748.0-748.9	10.8	6.8	12.1	11.2	9.7	9.6	13.1
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	30.3	41.3	32.0	31.3	23.1	27.0	27.3
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	25.6	20.4	25.1	26.8	26.2	26.5	11.9
CLEFT PALATE WITH CLEFT LIP----749.2	40.1	34.9	45.7	39.4	43.2	32.3	27.3
ANOMALIES OF UPPER ALIMENTARY TRACT----750.1-750.8	11.4	4.7	11.5	12.8	11.3	11.9	1.2
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL----751.3	15.9	14.1	15.7	17.4	14.7	14.1	11.9
HYPOSPADIAS----752.2	63.4	44.3	57.2	67.6	73.1	62.3	35.6
CLUBFOOT----754.0-754.9	104.3	119.2	110.7	105.4	92.6	99.7	75.9
POLYDACTYLY----755.0	80.8	89.9	117.2	73.2	66.8	47.7	87.8
SYNDACTYLY----755.1	21.4	22.1	21.9	19.6	23.1	26.8	13.1
REDUCTION DEFORMITIES, ALL LIMBS----755.2-755.4	22.7	23.4	21.1	23.2	22.6	25.2	14.2
DISLOCATION OF HIP----755.6	15.8	14.1	12.0	16.7	15.9	22.5	7.1
DOWN'S DISEASE----759.3	38.9	53.7	28.6	37.6	43.2	51.2	42.7
WHITE (ALL ANOMALIES)----740-759	863.3	896.8	925.6	872.0	834.9	784.4	640.0
SELECTED ANOMALIES:							
ANENCEPHALUS----740	23.5	13.8	25.0	24.1	23.9	17.4	51.9
SPINA BIFIDA WITH HYDROCEPHALUS----741.0	9.5	7.5	11.3	10.7	7.6	4.5	13.0
SPINA BIFIDA WITHOUT HYDROCEPHALUS----741.9	40.2	44.8	48.8	42.7	30.6	28.6	27.5
CONGENITAL HYDROCEPHALUS----742	17.7	23.0	17.3	19.3	14.0	14.0	19.4
ANOMALIES OF HEART----746.0-746.9	65.1	63.8	70.7	63.6	71.2	55.5	55.1
OTHER ANOMALIES OF CIRCULATORY SYSTEM----747.0-747.9	19.5	15.5	22.4	19.4	21.4	16.3	9.7
ANOMALIES OF RESPIRATORY SYSTEM----748.0-748.9	11.6	8.6	12.9	11.9	10.5	10.4	14.6
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	33.4	48.3	37.8	34.5	24.9	26.6	29.2
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	28.5	23.0	30.9	29.6	27.8	26.6	13.0
CLEFT PALATE WITH CLEFT LIP----749.2	44.0	35.6	52.3	43.4	45.9	35.9	32.4
ANOMALIES OF UPPER ALIMENTARY TRACT----750.1-750.8	13.1	6.3	13.3	14.6	12.1	13.2	1.6
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL----751.3	18.1	15.5	18.7	19.9	16.5	14.9	11.3
HYPOSPADIAS----752.2	70.7	50.0	71.0	73.7	76.5	64.2	45.4
CLUBFOOT----754.0-754.9	112.6	138.0	129.7	112.4	96.3	101.0	74.5
POLYDACTYLY----755.0	40.3	49.4	45.3	38.4	39.5	38.1	30.8
SYNDACTYLY----755.1	23.8	25.9	25.4	21.7	25.3	27.8	14.6
REDUCTION DEFORMITIES, ALL LIMBS----755.2-755.4	23.7	20.7	22.6	24.5	23.9	24.7	17.8
DISLOCATION OF HIP----755.6	17.4	14.4	13.9	17.9	17.9	23.8	9.7
DOWN'S DISEASE----759.3	44.1	60.4	35.5	41.8	46.1	56.7	45.4
NEGRO (ALL ANOMALIES)----740-759	714.9	629.7	738.9	705.0	759.2	675.7	685.5
SELECTED ANOMALIES:							
ANENCEPHALUS----740	9.0	9.8	6.9	10.2	1.7	26.2	19.4
SPINA BIFIDA WITH HYDROCEPHALUS----741.0	3.6	3.9	3.5	5.1	-	-	-
SPINA BIFIDA WITHOUT HYDROCEPHALUS----741.9	17.3	21.5	19.5	14.5	13.5	26.2	14.6
CONGENITAL HYDROCEPHALUS----742	12.6	13.7	12.6	11.5	10.1	13.1	29.2
ANOMALIES OF HEART----746.0-746.9	27.5	31.3	29.5	24.7	30.4	17.4	29.2
OTHER ANOMALIES OF CIRCULATORY SYSTEM----747.0-747.9	8.2	-	9.1	8.5	8.5	13.1	9.7
ANOMALIES OF RESPIRATORY SYSTEM----748.0-748.9	5.8	2.0	9.1	4.7	5.1	-	-
CLEFT PALATE (WITHOUT CLEFT LIP)----749.0	13.2	13.7	16.9	9.8	10.1	17.4	14.6
CLEFT LIP (WITHOUT CLEFT PALATE)----749.1	9.0	5.9	8.7	9.0	13.5	8.7	9.7
CLEFT PALATE WITH CLEFT LIP----749.2	16.6	19.6	19.5	14.1	23.7	-	4.9
ANOMALIES OF UPPER ALIMENTARY TRACT----750.1-750.8	3.2	-	5.2	1.7	6.8	-	-
ATRESIA AND STENOSIS OF RECTUM AND ANAL CANAL----751.3	5.2	7.8	6.5	2.6	3.4	8.7	14.6
HYPOSPADIAS----752.2	31.2	21.5	25.1	36.7	47.3	34.9	9.7
CLUBFOOT----754.0-754.9	60.9	58.7	55.9	61.8	62.6	100.3	63.2
POLYDACTYLY----755.0	286.3	226.8	309.2	285.6	289.1	213.6	257.7
SYNDACTYLY----755.1	8.9	5.9	10.0	7.7	10.1	13.1	9.7
REDUCTION DEFORMITIES, ALL LIMBS----755.2-755.4	17.4	31.3	16.0	16.2	13.5	34.9	4.9
DISLOCATION OF HIP----755.6	6.5	11.7	6.1	6.8	3.4	8.7	-
DOWN'S DISEASE----759.3	13.1	29.3	10.4	10.7	13.5	4.4	38.9

[1]"TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.

TABLE 9. BIRTH INJURY RATES FOR TYPE OF INJURY, BY SEX AND RACE: TOTAL OF 41 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BIRTH INJURIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED INJURY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP)

SEX AND RACE[1]	TOTAL[2]	TYPE OF BIRTH INJURY			
		BRAIN	SPINAL CORD	BONE OR NERVE	OTHER AND UNSPECIFIED
TOTAL	216.0	10.2	-	82.4	127.5
WHITE	217.9	10.7	-	84.0	127.2
NEGRO	191.3	6.9	-	68.2	120.6
MALE	251.1	13.0	-	94.6	149.4
WHITE	256.2	13.9	-	97.0	151.3
NEGRO	210.1	7.6	-	77.8	130.8
FEMALE	179.0	7.3	-	69.5	104.4
WHITE	177.4	7.2	-	70.3	101.8
NEGRO	172.0	6.3	-	58.2	110.1

[1] TOTAL FOR EACH SEX GROUP INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[2] SUBCATEGORIES OF INJURIES ARE NOT ADDITIVE SINCE MORE THAN ONE CONDITION MAY EXIST AT BIRTH.

TABLE 10. BIRTH INJURY RATES FOR TYPE OF INJURY, BY BIRTH WEIGHT AND RACE: TOTAL OF 41 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BIRTH INJURIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED INJURY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP)

BIRTH WEIGHT[1] AND RACE[2]	TOTAL[3]	TYPE OF BIRTH INJURY			
		BRAIN	SPINAL CORD	BONE OR NERVE	OTHER AND UNSPECIFIED
TOTAL	216.0	10.2	-	82.4	127.5
1,500 GRAMS OR LESS	338.1	78.0	-	48.0	220.1
1,501-2,000 GRAMS	240.4	56.5	-	69.4	119.4
2,001-2,500 GRAMS	164.8	22.8	-	45.5	97.5
2,500 GRAMS OR LESS	205.6	37.6	-	50.4	120.4
2,501-3,000 GRAMS	144.5	9.4	-	42.1	95.9
3,001-3,500 GRAMS	169.6	5.7	-	47.1	120.1
3,501-4,000 GRAMS	233.3	7.9	-	91.2	138.2
4,001-4,500 GRAMS	398.5	12.6	-	214.9	180.9
4,501-5,000 GRAMS	759.8	16.3	-	552.7	200.5
5,001 GRAMS OR MORE	2,837.1	37.0	-	2,245.0	579.7
NOT STATED	312.6	69.5	-	69.5	173.7
WHITE	217.9	10.7	-	84.0	127.2
1,500 GRAMS OR LESS	399.1	102.0	-	60.0	249.0
1,501-2,000 GRAMS	247.6	67.7	-	58.4	128.5
2,001-2,500 GRAMS	173.1	26.9	-	45.9	100.3
2,500 GRAMS OR LESS	220.0	45.5	-	50.3	127.3
2,501-3,000 GRAMS	146.8	9.7	-	44.4	96.3
3,001-3,500 GRAMS	166.5	5.9	-	46.0	117.8
3,501-4,000 GRAMS	228.8	8.4	-	90.0	134.5
4,001-4,500 GRAMS	392.6	12.9	-	207.5	180.0
4,501-5,000 GRAMS	720.6	14.3	-	523.4	190.0
5,001 GRAMS OR MORE	2,720.8	-	-	2,162.7	586.0
NOT STATED	357.9	84.2	-	73.7	200.0
NEGRO	191.3	6.9	-	68.2	120.6
1,500 GRAMS OR LESS	227.9	32.6	-	26.1	169.3
1,501-2,000 GRAMS	212.8	34.5	-	69.0	109.3
2,001-2,500 GRAMS	135.4	7.1	-	44.5	87.3
2,500 GRAMS OR LESS	166.5	16.9	-	46.1	105.8
2,501-3,000 GRAMS	123.5	7.0	-	26.7	91.0
3,001-3,500 GRAMS	175.9	3.5	-	47.7	128.2
3,501-4,000 GRAMS	244.2	2.4	-	99.8	146.0
4,001-4,500 GRAMS	397.8	11.8	-	263.9	161.5
4,501-5,000 GRAMS	1,082.4	47.1	-	894.1	188.2
5,001 GRAMS OR MORE	3,663.5	407.1	-	2,849.4	407.1
NOT STATED	61.6	-	-	61.6	-

[1] EQUIVALENTS OF THE GRAM WEIGHTS IN TERMS OF POUNDS AND OUNCES ARE SHOWN IN THE TECHNICAL APPENDIX.
[2] "TOTAL" INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[3] SUBCATEGORIES OF INJURIES ARE NOT ADDITIVE SINCE MORE THAN ONE CONDITION MAY EXIST AT BIRTH.

TABLE 11. BIRTH INJURY RATES FOR TYPE OF INJURY, BY PLURALITY OF BIRTH AND RACE: TOTAL OF 41 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1973-74 AVERAGE

(BASED ON 100 PERCENT OF BIRTHS IN SELECTED STATES AND ON A 50-PERCENT SAMPLE OF BIRTHS IN ALL OTHER STATES; SEE TECHNICAL APPENDIX. REFERS ONLY TO BIRTHS OCCURRING WITHIN THE AREAS REPORTING BIRTH INJURIES TO RESIDENTS OF THESE AREAS. FOR A LISTING OF AREAS, SEE TECHNICAL APPENDIX, TABLE I. RATES ARE NUMBER OF LIVE BIRTHS WITH DESIGNATED INJURY PER 100,000 LIVE BIRTHS IN SPECIFIED GROUP)

PLURALITY AND RACE[1]	TOTAL[2]	TYPE OF BIRTH INJURY			
		BRAIN	SPINAL CORD	BONE OR NERVE	OTHER AND UNSPECIFIED
ALL LIVE BIRTHS	216.0	10.2	-	82.4	127.5
WHITE	217.9	10.7	-	84.0	127.2
NEGRO	191.3	6.9	-	68.2	120.6
SINGLE LIVE BIRTHS	215.8	10.0	-	81.7	128.2
WHITE	218.1	10.5	-	83.6	128.0
NEGRO	188.6	6.4	-	65.8	121.0
LIVE BIRTHS IN PLURAL DELIVERIES	226.5	21.7	-	118.1	89.2
WHITE	208.4	18.3	-	106.5	86.7
NEGRO	309.4	32.9	-	171.1	105.3

[1] TOTAL FOR EACH PLURALITY GROUP INCLUDES RACES OTHER THAN WHITE AND NEGRO.
[2] SUBCATEGORIES OF INJURIES ARE NOT ADDITIVE SINCE MORE THAN ONE CONDITION MAY EXIST AT BIRTH.

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TECHNICAL APPENDIX

Sources of Data

Information on congenital anomalies and birth injuries for this report was derived from entries on live birth certificates. In 1973 and 1974, 46 States and the District of Columbia had a descriptive type of question on congenital anomalies on the face of the birth certificate; 41 States and the District of Columbia had a descriptive type of question on birth injuries. The question wordings were usually identical to or varied slightly from the wording of the 1968 revision of the United States Standard Certificate of Live Birth, which is as follows:

> "Congenital malformations or anomalies of child (Describe or write 'none')"
>
> "Birth injuries to child (Describe or write 'none')"

Indiana required a supplementary form to be completed for the reporting of anomalies, but no provision has yet been made to compile data for this State. The Georgia birth certificate contains a checklist of selected anomalies and birth injuries, but the listing is not sufficiently detailed to permit inclusion of information from this State. Massachusetts collects birth injury data for only a sample of births and is consequently excluded from the reporting area. The composition of the reporting areas for congenital anomalies and birth injuries is shown in table I.

All tables included in this report are by mother's place of residence. Births to U.S. residents occurring outside this country are not reallocated to the United States. Births to nonresidents of the United States occurring in the United States are also excluded from tabulations.

Data shown in this report refer only to births occurring within the areas reporting congenital anomaly or birth injury information to residents of these areas. Where tables include information on legitimacy status, outcome of last pregnancy, interval since termination of last pregnancy, and educational attainment of mother, the number of States from which information can be drawn is reduced. This is because the birth certificates of States which include a question on congenital anomalies may not also request information for these other variables. Areas reporting these other variables are shown in table I. The items sex and race of child, age of mother, live-birth order, plurality of birth, and birth weight are reported by all States. Consequently, the size of the reporting area does not change when these variables are shown.

Sample Size

Birth statistics for 1973 and 1974 are based on information from two sources. For 9 States in 1973 and 16 States in 1974, statistics are based on information from the total file of birth records provided to the National Center for Health Statistics through the Cooperative Health Statistics System. In 1973 these States were Colorado, Florida, Maine, Michigan, Missouri, New Hampshire, New York (exclusive of New York City), Rhode Island, and Vermont. In 1974 Illinois, Iowa, Kansas, Montana, Nebraska, Oregon, and South Carolina were added to this listing. Statistics for the remaining States are based on information obtained from a 50-percent sample of birth records. A discussion of sampling procedures and sampling errors for 1973 and 1974 may be found in the Technical

Table I. Areas reporting congenital anomalies, birth injuries, legitimacy status, dates of last live birth and fetal death, and educational attainment of mother: Each State and the District of Columbia, 1973-74

Area	Congenital anomalies	Birth injuries	Legitimacy status	Dates of last live birth and fetal death	Educational attainment of mother
Alabama	X		X		
Alaska	X	X	X	X	X
Arizona	X	X	X	X	X
Arkansas	X	X	X		
California	X	X		X	
Colorado	X	X	X	X	X
Connecticut	X	X		X	X
Delaware	X	X	X	X	X
District of Columbia	X	X	X	X	X
Florida	X	X	X	X	X
Georgia					X
Hawaii	X	X	X	X	X
Idaho	X	X			
Illinois	X	X	X	X	X
Indiana			X	X	X
Iowa	X	X	X	X	X
Kansas	X	X	X	X	X
Kentucky	X	X	X	X	X
Louisiana	X	X	X		X
Maine	X	X	X	X	X
Maryland	X				
Massachusetts	X				X
Michigan	X	X	X	X	X
Minnesota	X	X	X	X	X
Mississippi	X	X	X	X	X
Missouri	X	X	X	X	X
Montana	X	X		X	X
Nebraska	X	X	X	X	X
Nevada	X	X		X	X
New Hampshire	X	X	X	X	X
New Jersey			X	X	X
New Mexico	X	X			
New York	X	X		X	X
North Carolina			X	X	X
North Dakota	X	X	X	X	X
Ohio	X			X	X
Oklahoma	X	X	X	X	X
Oregon	X	X	X	X	X
Pennsylvania	X	X	X		
Rhode Island	X	X	X	X	X
South Carolina	X	X	X	X	X
South Dakota	X	X	X	X	X
Tennessee	X	X	X	X	X
Texas	X		X		
Utah	X	X	X	X	X
Vermont	X	X		X	X
Virginia	X	X	X		X
Washington	X	X	X	X	
West Virginia	X	X	X	X	X
Wisconsin	X	X	X	X	X
Wyoming	X	X	X	X	X

Appendix of Volume I of *Vital Statistics of the United States* for these years.

Birth Weight

In practically all areas, birth weight is reported in terms of pounds and ounces rather than in grams. However, the metric system has been used in tabulating and presenting the statistics to facilitate comparison with data published by other groups. The equivalents of the gram intervals in pounds and ounces are as follows:

500 grams or less =	1 lb	1 oz	or less			
501 - 1,000 grams =	1 lb	2 oz	-	2 lb	3 oz	
1,001 - 1,500 grams =	2 lb	4 oz	-	3 lb	4 oz	
1,501 - 2,000 grams =	3 lb	5 oz	-	4 lb	6 oz	
2,001 - 2,500 grams =	4 lb	7 oz	-	5 lb	8 oz	
2,501 - 3,000 grams =	5 lb	9 oz	-	6 lb	9 oz	
3,001 - 3,500 grams =	6 lb	10 oz	-	7 lb	11 oz	
3,501 - 4,000 grams =	7 lb	12 oz	-	8 lb	13 oz	
4,001 - 4,500 grams =	8 lb	14 oz	-	9 lb	14 oz	
4,501 - 5,000 grams =	9 lb	15 oz	-	11 lb	0 oz	
5,001 grams or more =	11 lb	1 oz	or more			

For purposes of classification, infants weighing 2,500 grams or less at birth are considered to be of low birth weight. This criterion was recommended by the American Academy of Pediatrics in 1935 and adopted by the World Health Organization in the Sixth Revision of the International Lists of Diseases and Causes of Death (1948).

Medical Definitions

Brief definitions of the selected congenital anomalies appearing in tables 2-6 and 8 are presented below. For more detailed information about these anomalies and the complete listing of anomalies shown in tables 1A and 1B, reference may be made to *Congenital Malformations*[19] and *Birth Defects Atlas and Compendium.*[32]

ICDA Code

740 Anencephalus

Anencephalus is a developmental anomaly characterized by partial or total absence of the brain. In a live birth the condition is lethal soon after birth.

741.0 Spina bifida with hydrocephalus
741.9 Spina bifida without hydrocephalus
742 Hydrocephalus (without spina bifida)

Spina bifida is a developmental anomaly characterized by a defect of the bony spinal canal. Hydrocephalus is a condition characterized by abnormal accumulation of fluid in the cranial cavity, accompanied by enlargement of the head, prominence of the forehead, and atrophy of the brain.

749.0 Cleft palate (without cleft lip)
749.1 Cleft lip (without cleft palate)
749.2 Cleft palate with cleft lip

Cleft palate is a fissure or opening along the median line of the roof of the mouth. Cleft lip (sometimes referred to as harelip) is a defect in the upper lip, usually due to the failure of the median nasal and maxillary processes to unite.

751.3 Atresia and stenosis of rectum

This term refers to the absence or closure (atresia) or narrowing or stricture (stenosis) of rectum and anal canal.

752.2 Hypospadias

Hypospadias is a developmental anomaly in the male in which the urethra opens on the under side of the penis or on the perineum. In the female, the urethra opens into the vagina.

754 Clubfoot

Clubfoot is a deformity of the foot in which the foot is twisted out of shape or position.

NOTE: A list of references follows the text.

755.0 Polydactyly

Polydactyly is a developmental anomaly characterized by the presence of excess digits (fingers and toes).

755.1 Syndactyly

Syndactyly is the condition in which two or more fingers or toes are more or less completely grown together or adherent; webbed fingers or toes.

755.2-755.4 Reduction deformities, all limbs

This term refers to incomplete development or total absence of a limb.

755.6 Dislocation of hip

Dislocation of hip is displacement of hip.

759.3 Down's disease

Down's disease is an abnormality characterized by the presence of an extra chromosome 21. Mental retardation is almost universal. It is also called mongolism.

Indirect Standardization of Congenital Anomaly Rates

To eliminate the effect of differences in the birth weight distribution between legitimate and illegitimate births, the indirect method of standardization was used to adjust congenital anomaly rates for these groups. Weight-specific congenital anomaly rates for all births regardless of legitimacy status for each racial group (table 3) were used as the standards in this procedure. Standardization for weight differences was done separately for each race using the following formula:

Weight-standardized congenital anomaly rate for given legitimacy status group and given race =

$$\frac{c_1}{\sum_w A_w \, b_{w,1}} A$$

where c_1 is the observed number of congenital anomalies for a given legitimacy status group for a given race; A_w, the weight-specific rates of the standard population for a given race; $b_{w,1}$, the number of births for each birth-weight category for a given legitimacy status group for a given race; and A, the crude congenital anomaly rate of the standard population for a given race.

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