Division of Data Processing
Vital Statistics Programming Branch
Tape File Information
1960-1961 Natality Tape Files for the United States

General: The construction of the tape file and code structures are identical for these two years. The original tape files were created at the Bureau of Census for use in the Univac computer. All annual processing was done in the Univac and the tapes were then converted to IBM tape to make them compatible with all other VSD files.

A duplicate set of the IBM tape files for each year was created as insurance against damage or loss of tapes. One copy is stored in the tape vault in the computer area and the duplicate set is stored in the tape vault for inactive files in the South building.

Number of reels per file: 26 reels for each set for each year

Number of records per reel: 84,000 each reel except for reel 26 which contains:

	No. of Records		
	Data	Pads	Total
1960	28925	11	28936
1961	34163	9	34172

Record length: 121 characters including a record mark

Blocking factor: 12 records per block

Pad convention: 9 pads were used to fill the uneven block on reel 26.

Header Ident.: D12Y08-XX where Y equals last digit of year

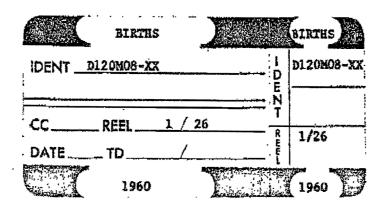Sequence of records: Records are in sequence by State of Residence recode (chrs. 112-113).

Header and trailer record format:

Detail record format: See documents which follow.

Outline of Items and Codes:

Reel Label:

BIRTHS   BIRTHS

IDENT D120M08-XX   IDENT D120M08-XX

CC_____ REEL ___1 / 26___   REEL 1/26

DATE_____ TD_____/_____

1960   1960

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1960-1961 Natality Tape Files

Outline of Items and Codes Arranged by
Location in the Tape Record

Notations in the outline of V, X and bl should be interpreted as
follows:

Notation	Punch Card Code	Tape Character	
		Print as	Bit Configuration
V	12th pos.	+	AB
X	11th pos.	-	B
bl	blank	blank	None

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1960-1961 Natality Tape Files

Outline of Items and Codes Arranged by

Location in the Tape Record

Tape Location	Size of Field	Code Outline
1	1	Year (1960 = 0, 1961 = 1)
2	1	Principal Month of Occurrence [1]

1-9,0,X,V ... Regular Monthly Shipment

1 ... January	7 ... July
2 ... February	8 ... August
3 ... March	9 ... September
4 ... April	0 ... October
5 ... May	X ... November
6 ... June	V ... December

b1 .... Delay Shipment

Tape Location	Size of Field	Code Outline
3	1	Delay Shipment Number

1-9 ... Delay shipment number

b1 ... Regular monthly shipment

Tape Location	Size of Field	Code Outline
4-8	5	Reel and Image Number
	2	Reel Number [2]

01-99 ... Reel Nos. 01-99

X X

00-99 ... Reel Nos. 100-199

V V

00-99 ... Reel Nos. 200-299

V V

00-99 ... Reel Nos. 300-399

3	Image No. 001-999

[1] Massachusetts does not ship by month of occurrence. Shipments are numbered serially in columns 2-3.

[2] Over-punches in Reel Number were eliminated in the card-to-tape conversion since these punches produced impossible Univac codes.

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
9-10	2	**Place of Occurrence** 3/ State - The States are numbered in alphabetical sequence from 01 through 51, except that gaps occur for 7 States which have more than 100 counties each. For each of these States, two or more State codes are provided in the code range of 60-74.
11-12	2	County - Counties are numbered in alphabetical sequence within States. In States having more than 100 counties, numbering beyond the first 99 counties begins again with a second sequence (00-99) and the county code must be read in conjunction with the State code to identify specific counties. North Carolina and Virginia each contain exactly 100 counties, which are numbered 00-99.
13-14	2	State of Occurrence Recode - States are numbered in alphabetical sequence from 01-51.
15	1	Blank
16-19	4	**Place of Residence** 3/ State and County - Same codes as for State and county of occurrence.
20	1	Population Size 0 ... Places of 1,000,000 or more 1 ... Places of 500,000 to 1,000,000 2 ... Places of 250,000 to 500,000 3 ... Places of 100,000 to 250,000 4 ... Places of 50,000 to 100,000 5 ... Places of 25,000 to 50,000 6 ... Places of 10,000 to 25,000 7 ... Places of 2,500 to 10,000 9 ... All other areas (rural)
21-22	2	City Codes - These codes identify each city with a population of 10,000 or more in the 1960 Census. Cities are numbered in alphabetical sequence within counties. Balance of county is coded 99 in these positions.

3/ See 1960 Geographic Code Manual for complete listing of areas and codes.
These items were not edited for possible codes.

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
23	1	**Farm Residence** 1 ... Yes 2 ... No 3 ... Item not on certificate X ... Not stated
24	1	**Sex** 1 ... Male 2 ... Female
25	1	**Number at Birth** 1 ... Single birth 2 ... Twin 3 ... Triplet 4 ... Quadruplet 5 ... Quintuplet
26	1	**Month of Birth** 1 ... January 7 ... July 2 ... February 8 ... August 3 ... March 9 ... September 4 ... April 0 ... October 5 ... May X ... November 6 ... June V ... December
27-28	2	**Age of Father** 01-99 ... Age in single years X bl ... Not stated Note: Edited to eliminate codes outside the 01-99 range. Not edited for possible upper and lower limits.
29-30	2	**Age of Mother** 01-99 ... Age in single years X bl ... Not stated Note: Edited to eliminate codes outside the 01-99 range. Not edited for possible upper and lower limits.
31	1	**Nativity of Mother** (not edited, used recode for tabulating) 1 ... Native 2 ... Foreign 3 ... Not stated

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1960-1961 Natality Tape Files

Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
32	1	**Race of Child** 4/ 1 ... White 7 ... Eskimo 2 ... Negro 8 ... Filipino 3 ... Indian 9 ... Other nonwhite 4 ... Chinese 0 ... Hawaiian 5 ... Japanese V ... Part Hawaiian 6 ... Aleut
33-34	2	**Children Born Dead, Number of** (generated in Univac Edit Run 1) 5/ 00-99 ... Number of children (not edited for upper limit) X bl ... Not stated
35-36	2	**Children Born Alive, Number of** 5/ 01-99 ... Number of children (not edited for upper limit) X bl ... Not stated
37-38	2	**Total Children Born, Number of** 5/ 01-99 ... Number of children (not edited for upper limit) X bl ... Not stated
39	1	**Attendant at Birth** 1 ... Births in hospitals or institutions 2-4 ... Births not in hospitals or institutions 2 ... Attended by physician 3 ... Attended by midwife 4 ... Other or not specified attendant
40-41	2	**Gestation Period** 6/ 00-99 ... Number of weeks (not edited for upper or lower limit) X bl ... Not stated VV ... Premature, weeks not stated

4/ New York City coded race in accordance with 1959 instructions. This means
that races other than white, Negro, Indian, Chinese, and Japanese were
coded 6 (other nonwhite in 1959 code). In Univac Run 1, cards coded 6
were changed to 9 (other nonwhite) to make this code conform with all
other States.

5/ Massachusetts does not report this item; all records for this State
are coded Xbl.

6/ Maryland and Massachusetts do not report this item. All records for these
States are coded Xbl.

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
42-44	3	**Weight at Birth** [7]
		Lbs. **Ozs.**
		0-9,V 00-15 ... No. of lbs. and ozs. if 10 lbs. 15 ozs. or less
		V VO .... 11 lbs. 0 ozs.
		V V1 .... 11 lbs. 1 oz. or more
		V VV .... Immature
		X bl bl.... Not stated
45	1	**Legitimacy** [8]
		1 ... Legitimate
		2 ... Illegitimate
		3 ... Not on certificate
		X ... Not stated
46	1	**Congenital Malformations** [9]
		1 ... Yes
		2 ... No
		3 ... Not on certificate
		4 ... Not stated
47-48	2	**Resident Status Recode**
		17 ... Residents
		18 ... Inter-county nonresidents
		29 ... Inter-state nonresidents
49-50	2	**Age of Father Recode #1**

[7] Massachusetts does not report this item; all cards for the State are punched X bl bl.

[8] This item is not on the certificate for the following States and all cards for these States are punched 3 in this item: Arizona, Arkansas, California, Colorado, Connecticut, Georgia, Idaho, Maryland (including Baltimore), Massachusetts, Montana, Nebraska, New Hampshire, New Mexico, New York (including New York City), Oklahoma, and Vermont.

[9] New York City codes for this item for the months June-December do not conform with this code scheme, therefore this item should not be tabulated for this area.

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
51-52	2	**Age of Father Recode #2**

#1   #2   Age Group
01 .. 21 ... Under 15 years
02 .. 22 ... 15-19 years
03 .. 32 ... 20-24
04 .. 42 ... 25-29
05 .. 52 ... 30-34
06 .. 62 ... 35-39
07 .. 72 ... 40-44
08 .. 81 ... 45-49
09 .. 82 ... 50-54
10 .. 91 ... 55-59
11 .. 92 ... Not stated

53-56	2	These characters can be treated as blank. They did contain Age of Mother recodes but due to a Univac error the codes were not inserted in a few records.
57	1	**Attendant Recode #1**
58-59	2	**Attendant Recode #2**

#1   #2
2 . 81 ... Births in hospitals or institutions
            Births not in hospitals or institutions
4 . 82 ... Attended by physician
5 . 91 ... Attended by midwife
6 . 92 ... Other

| 60 | 1 | **Attendant Recode #3** |

1 ... Births in hosiptals or institutions
2 ... Births not in hospitals or institutions

| 61-62 | 2 | **Children Born Alive Recode #1** |

22 ... First Child
32 ... Second Child
42 ... Third Child
51 ... Fourth Child
52 ... Fifth Child
61 ... Sixth Child
62 ... Seventh Child
71 ... Eight or more Children
72 ... Not stated

| 63 | 1 | **Children Born Alive Recode #2** |

1 ... First Child
2 ... Second Child
3 ... Other and not stated

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
64	1	**Children Born Dead Recode #1** 1 ... None 2 ... First Child 3 ... Second Child 4 ... Third Child 5 ... Fourth Child 6 ... Five or more Children 7 ... Not stated
65	1	**Children - Total Born Recode #1**
66-67	2	**Children - Total Born Recode #2** #1 #2 1 . 22 ... First Child 2 . 32 ... Second Child 3 . 42 ... Third Child 4 . 51 ... Fourth Child 5 . 52 ... Fifth Child 6 . 61 ... Six or more Children 7 . 62 ... Not stated
68-69	2	**Congenital Malformation Recode** 9/ 12 ... Yes 72 ... No 82 ... Not stated 92 ... Item not on certificate
70-71	2	**Farm Residence Recode** 81 ... Farm 82 ... Nonfarm 91 ... Not stated 92 ... Item not on certificate
72	1	**Gestation Period Recode #2** 0 ... Under 20 weeks 1 ... 20-27 weeks 2 ... 28-31 weeks 3 ... 32-35 weeks 4 ... 36 weeks 5 ... 37-39 weeks 6 ... 40 weeks 7 ... 41-42 weeks 8 ... 43 weeks and over 9 ... Not stated

9/ See footnote on page 7.

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline
73-74	2	**Month of Birth Recode**

Month of Birth Recode:
- 21 ... January
- 22 ... February
- 31 ... March
- 32 ... April
- 41 ... May
- 42 ... June
- 51 ... July
- 52 ... August
- 61 ... September
- 62 ... October
- 71 ... November
- 72 ... December

75 — 1 — **Number at Birth Recode #1**
- 1 ... Single births
- 2 ... Twins
- 3 ... Other plural births

76 — 1 — **Number at Birth Recode #2**
- 1 ... Single births
- 2 ... Plural births

77-78 — 2 — **Race Recode #2**
- 12 ... White
- 21 ... Negro
- 22 ... Indian
- 31 ... Chinese
- 32 ... Japanese
- 42 ... Aleut
- 51 ... Eskimo
- 52 ... Filipino
- 61 ... Hawaiian and Part Hawaiian
- 62 ... Other

79-80 — 2 — **Weight at Birth Recode #1**

81-82 — 2 — **Weight at Birth Recode #2**

Recodes #1	#2	Weight Groups
1	21	1000 grams or less
2	22	1001-1500 grams
3	31	1501-2000 grams
4	32	2001-2500 grams
5	42	2501-3000 grams
6	52	3001-3500 grams
7	62	3501-4000 grams
8	71	4001-4500 grams
9	72	4501-5000 grams
10	81	5001-grams or more
11	82	Not stated and Immature

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Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline	
83	1	Weight at Birth Recode #3 7 ... 2500 grams or less 8 ... 2501 grams or more 9 ... Not stated and Immature	
84-92	9	Blank	
93-96	4	Nonsense Control (Image number and last digit of age of father).	
97-100	4	Blank	
101-102	2	Sort	State of Residence - Same code as in word 1/4-5.
103	1	Items	Race Recode #1 1 ... White
		for	2 ... Nonwhite
104-105	2	Univac	County of Residence - Same county code as in word 1/6-7.
106-107	2	Run	City of Residence - Same code as in 1/9-10.
108	1	2	Population Size of Place of Residence - Same code as in word 1/8.
109-111	3	Blank	
112-113	2	Sort	State of Residence Recode - States are numbered in Alphabetical sequence from 01-51.
114	1	Items	Race Recode #1 - Same code as in word 8/7.
115	1	for	Sex - Same code as in word 1/12.
116	1	Univac Run 3	Age of Mother Recode #1 1 ... Under 15 years 2 ... 15-19 years 3 ... 20-24 4 ... 25-29 5 ... 30-34 6 ... 35-39 7 ... 40-44 8 ... 45-49 9 ... 50 years and over

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1960-1961 Natality Tape Files

Outline of Items and Codes Arranged by
Location in the Tape Record

Tape Location	Size of Field	Code Outline		
117	1	Sort Items for Univac		Gestation Recode #1
				1 ... Under 20 weeks
				2 ... 20-27 weeks
				3 ... 28-31 weeks
				4 ... 32-35 weeks
				5 ... 36 weeks
				6 ... 37-39 weeks
				7 ... 40 weeks and over
				8 ... Not stated
118	1	Run		Nativity of White Mother Recode
		3		1 ... Native white
				2 ... Foreign white
				3 ... Nonwhite, all nativity groups
119-120	2			Age of Mother Recode #2
				14 ... Under 15 years
				15-49. Single years of age
				50 ... 50 years and over
121	1	#		