1968-2021: Mortality File

Codebook

Number of Variables

104

D001   **"RELEASE NUMBER"**   NUM(1.0)
Data file sequential release number.

Count	%	Value/Range	Code Value/Range Text
7,813	100.00	1	Release number 1, July 2023

D002   **"1968 INTERVIEW NUMBER"**   NUM(4.0)
1968 Interview Number

This variable is the 1968 family ID number. The combination of this variable and the Person Number (D003) provides unique identification for each individual on the data file. Individuals associated with families from the Latino sample, added to the PSID in 1990 and 1992, and from the Immigrant samples, added to the PSID in 1997,1999 and 2017 were assigned 1968 IDs so that they, too, have unique identifiers compatible with the PSID structure for the core (SRC and Census) sample.

Count	%	Value/Range	Code Value/Range Text
4,686	59.98	1 – 2,930	Member of, or moved into, a family from the 1968 SRC cross-section sample
128	1.64	3,001 – 3,511	Member of, or moved into, a family from the Immigrant sample added in 1997 and 1999
11	.14	4,001 – 4,851	Member of, or moved into, a family from the Immigrant sample added in 2017 and 2019
2,799	35.82	5,001 – 6,872	Member of, or moved into, a family from the 1968 Census sample
189	2.42	7,001 – 9,308	Member of, or moved into, a family from the Latino sample added in 1990 and 1992

D003   **"PERSON NUMBER"**   NUM(3.0)
Person Number

Count	%	Value/Range	Code Value/Range Text
5,892	75.41	1 – 19	Individuals living in core sample families at the time of the 1968 interview; individuals living in Latino sample families at the time of the 1990 (or 1992) interview; individuals living in Immigrant sample families at the time of the 1997 (or 1999) or 2017 (or 2019) interview
3	.04	20	Husband of a core sample 1968 Head living in an institution at the time of the 1968 interview; spouse of a Latino sample 1990 Head living in an institution at the time of the 1990 interview; spouse of an Immigrant sample 1997/1999 or 2017/2019 Head/Reference Person living in an institution at the time of the 1997/1999 or 2017/2019 interview

58	.74	21 – 26	Children or stepchildren of a 1968 core sample Head who were under 25 and living in institutions at the time of the 1968 interview; children of a Latino sample 1990 (or 1992) Head who were under 25 and living in institutions at the time of the 1990 (or 1992) interview; children of an Immigrant sample 1997 (or 1999) or 2017 (or 2019) Head/Reference Person who were under 25 and living in institutions at the time of the 1997 (or 1999) or 2017 (or 2019) interview
361	4.62	30 – 169	Individuals born into the core sample since the 1968 interview, the Latino sample since the 1990 (or 1992) interview, or the Immigrant sample since the 1997 (or 1999) or 2017 (or 2019) interview and who have at least one sample parent; these persons are sample members
1,454	18.61	170 – 226	Individuals who moved into a core family for the first time after the 1968 interview or who have no sample parent; individuals from the Latino sample, other than the spouse of a 1990 (or 1992) Head, who moved out in the year preceding the 1990 (or 1992) interview or who moved in for the first time after the 1990 (or 1992) interview; individuals from the 97 Immigrant sample, other than the spouse of a 1997 (or 1999), who moved out in the year preceding the 1997 (or 1999) interview or who moved in for the first time after the 1997 (or 1999) interview; individuals from the 17 Immigrant sample, other than the spouse of a 2017 (or 2019) Head/Reference Person, who moved out in the year preceding the 2017 (or 2019) interview or who moved in for the first time after the 2017 (or 2019) interview. These individuals are nonsample unless they were born after the initial wave and have at least one sample parent.
6	.08	227	Spouse of a core sample 1968 Head who moved out in the year prior to the 1968 interview; spouse of a Latino sample 1990 Head who moved out in the year preceding the 1990 (or 1992) interview; spouse of an Immigrant sample 1997 (or 1999) Head who moved out in the year preceding the 1997 (or 1999) interview. Spouse of an Immigrant sample 2017 (or 2019) Reference Person who moved out in the year preceding the 2017 (or 2019) interview. These individuals are nonsample.
29	.37	228	Spouse of a core sample 1968 Head who died in the year prior to the 1968 interview; spouse of a Latino sample 1990 (or 1992) Head who died in the year prior to the 1990 (or 1992) interview; spouse of an Immigrant sample 1997 (or 1999) Head who died in the year prior to the 1997 (or 1999) interview; spouse of an Immigrant sample 2017 (or 2019) Reference Person who died in the year prior to the 2017 (or 2019) interview. These individuals are nonsample.

10	.13	229 - 399	Individuals who moved into a core family for the first time after the 1968 interview or who have no sample parent; individuals from the Latino sample, other than the spouse of a 1990 (or 1992) Head, who moved out in the year preceding the 1990 (or 1992) interview or who moved in for the first time after the 1990 (or 1992) interview; individuals from the 97 Immigrant sample, other than the spouse of a 1997 (or 1999) Head, who moved out in the year preceding the 1997 (or 1999) interview or who moved in for the first time after the 1997 (or 1999) interview; individuals from the 17 Immigrant sample, other than the spouse of a 2017 (or 2019) Reference Person, who moved out in the year preceding the 2017 (or 2019) interview or who moved in for the first time after the 2017 (or 2019) interview.

These individuals are nonsample unless they were born after the initial wave and have at least one sample parent. This series is simply a continuation of the 170-226 group.

D004   **"YEAR PSID DISCOVERED THE DEATH"**   **NUM(4.0)**
Year in which Death was Recorded by the PSID
The year in which the PSID discovered the death of this sample member.

Count	%	Value/Range	Code Value/Range Text
7,813	100.00	1,968 - 2,021	Year in which death data were obtained

D005   **"STATE OR COUNTRY IN WHICH BORN"**   **NUM(2.0)**
State or Country in which Individual was Born
This information was added beginning in 1996. Individuals whose deaths were discovered
prior to that wave have missing data here.

Count	%	Value/Range	Code Value/Range Text
88	1.13	1	Alabama
16	.20	2	Arizona
110	1.41	3	Arkansas
102	1.31	4	California
30	.38	5	Colorado
7	.09	6	Connecticut
2	.03	7	Delaware
10	.13	8	District of Columbia
40	.51	9	Florida
72	.92	10	Georgia
17	.22	11	Idaho
121	1.55	12	Illinois

106	1.36	13	Indiana
76	.97	14	Iowa
20	.26	15	Kansas
65	.83	16	Kentucky
96	1.23	17	Louisiana
13	.17	18	Maine
58	.74	19	Maryland
62	.79	20	Massachusetts
116	1.48	21	Michigan
43	.55	22	Minnesota
159	2.04	23	Mississippi
88	1.13	24	Missouri
3	.04	25	Montana
37	.47	26	Nebraska
4	.05	27	Nevada
4	.05	28	New Hampshire
48	.61	29	New Jersey
9	.12	30	New Mexico
141	1.80	31	New York
191	2.44	32	North Carolina
10	.13	33	North Dakota
163	2.09	34	Ohio
24	.31	35	Oklahoma
25	.32	36	Oregon
154	1.97	37	Pennsylvania
3	.04	38	Rhode Island
149	1.91	39	South Carolina
18	.23	40	South Dakota
84	1.08	41	Tennessee
131	1.68	42	Texas
26	.33	43	Utah
1	.01	44	Vermont
125	1.60	45	Virginia
27	.35	46	Washington
25	.32	47	West Virginia

35	.45	48	Wisconsin
4	.05	49	Wyoming
3	.04	50	Alaska
4	.05	51	Hawaii
–	–	52	Guam
2	.03	53	Puerto Rico
–	–	54	Virgin Islands (U.S.)
162	2.07	55	Foreign Country
4,684	59.95	99	NA

D006   **"MONTH DIED PER PSID SOURCES"**   NUM(2.0)
Month of Death from PSID Archives and the Social Security Death Index
*Death dates were located in PSID archival sources such as nonresponse coversheets,
returned mail stamped "Deceased," volunteered information from family members, and from
the Social Security Death Index.*

Count	%	Value/Range	Code Value/Range Text
6,904	88.37	1 – 12	Month of death
–	–	21	Winter
2	.03	22	Spring
4	.05	23	Summer
1	.01	24	Fall
902	11.54	99	NA

D007   **"YEAR DIED PER PSID SOURCES"**   NUM(4.0)
Year of Death from PSID Archives and the Social Security Death Index
*See the note at D006 above. When available, the exact year of death is recorded. When a
range of years was reported, this variable contains a four digit code in which the first
two digits represent the first possible year of death, and the last two digits represent
the last possible year.*

Count	%	Value/Range	Code Value/Range Text
1	.01	1,016	Death occurred between 2010 and 2016
1	.01	1,517	Death occurred between 2015 and 2017
–	–	1,719	Death occurred between 2017 and 2019
7,076	90.57	1,967 – 2,021	Year of death
4	.05	7,294	Death occurred between 1972 and 1994
1	.01	8,081	Death occurred between 1980 and 1981
1	.01	8,994	Death occurred between 1989 and 1994
1	.01	9,700	Death occurred between 1997 and 2000
1	.01	9,799	Death occurred between 1997 and 1999

| 1 | .01 | 9,899 | Death occurred between 1998 and 1999 |
| 726 | 9.29 | 9,999 | NA |

D008   "MONTH DIED PER DEATH CERTIFICATE"   NUM(2.0)
Month of Death from Death Certificate

Count	%	Value/Range	Code Value/Range Text
6,546	83.78	0	Inap.: death certificate data not obtained
1,267	16.22	1 - 12	Month of death from death certificate

D009   "YEAR DIED PER DEATH CERTIFICATE"   NUM(4.0)
Year of Death from Death Certificate

Count	%	Value/Range	Code Value/Range Text
6,546	83.78	0	Inap.: death certificate data not obtained
1,267	16.22	1,967 - 1,984	Year of death from death certificate

D010   "AGE AT DEATH PER DEATH CERTIFICATE"   NUM(2.0)
Age at death from death certificate

Count	%	Value/Range	Code Value/Range Text
6,546	83.78	0	Inap.: death certificate data not obtained
1,261	16.14	1 - 96	Age at death from death certificate
6	.08	99	NA

D011   "MORE COMPLETE MONTH OF DEATH"   NUM(2.0)
More Precise Month of Death

Of the two death dates, from PSID sources (D006, D007) and from death certificates (D008, D009), this is the more complete.

Count	%	Value/Range	Code Value/Range Text
7,381	94.47	1 - 12	More complete month
–	–	21	Winter
2	.03	22	Spring
4	.05	23	Summer
1	.01	24	Fall
425	5.44	99	NA

D012   **"MORE COMPLETE YEAR OF DEATH"**   **NUM(4.0)**
More Precise Year of Death

See the note at D011 above. When available, the exact year of death is recorded. When a range of years was reported, this variable contains a four digit code in which the first two digits represent the first possible year of death, and the last two digits represent the last possible year.

Count	%	Value/Range	Code Value/Range Text
–	–	103	Death occurred between 2001 and 2003
–	–	305	Death occurred between 2003 and 2005
37	.47	709	Death occurred between 2007 and 2009
1	.01	1,016	Death occurred between 2010 and 2016
1	.01	1,113	Death occurred between 2011 and 2013
31	.40	1,517	Death occurred between 2015 and 2017
3	.04	1,719	Death occurred between 2017 and 2019
4	.05	1,921	Death occurred between 2019 and 2021
7,512	96.15	1,967 – 2,021	More complete year
12	.15	6,768	Death occurred between 1967 and 1968
16	.20	6,869	Death occurred between 1968 and 1969
1	.01	6,870	Death occurred between 1968 and 1970
1	.01	6,891	Death occurred between 1968 and 1991
1	.01	6,894	Death occurred between 1968 and 1994
6	.08	6,970	Death occurred between 1969 and 1970
17	.22	6,994	Death occurred between 1969 and 1994
6	.08	7,071	Death occurred between 1970 and 1971
1	.01	7,079	Death occurred between 1970 and 1979
1	.01	7,084	Death occurred between 1970 and 1984
6	.08	7,094	Death occurred between 1970 and 1994
5	.06	7,172	Death occurred between 1971 and 1972
–	–	7,175	Death occurred between 1971 and 1975
–	–	7,193	Death occurred between 1971 and 1993
4	.05	7,194	Death occurred between 1971 and 1994
2	.03	7,273	Death occurred between 1972 and 1973
2	.03	7,292	Death occurred between 1972 and 1992
7	.09	7,294	Death occurred between 1972 and 1994
3	.04	7,374	Death occurred between 1973 and 1974
–	–	7,393	Death occurred between 1973 and 1993

2	.03	7,394	Death occurred between 1973 and 1994
2	.03	7,475	Death occurred between 1974 and 1975
–	–	7,479	Death occurred between 1974 and 1979
6	.08	7,494	Death occurred between 1974 and 1994
2	.03	7,576	Death occurred between 1975 and 1976
–	–	7,579	Death occurred between 1975 and 1979
1	.01	7,593	Death occurred between 1975 and 1993
6	.08	7,594	Death occurred between 1975 and 1994
6	.08	7,677	Death occurred between 1976 and 1977
–	–	7,679	Death occurred between 1976 and 1979
2	.03	7,694	Death occurred between 1976 and 1994
2	.03	7,778	Death occurred between 1977 and 1978
–	–	7,781	Death occurred between 1977 and 1981
2	.03	7,794	Death occurred between 1977 and 1994
1	.01	7,879	Death occurred between 1978 and 1979
3	.04	7,894	Death occurred between 1978 and 1994
1	.01	7,980	Death occurred between 1979 and 1980
–	–	7,982	Death occurred between 1979 and 1982
–	–	7,992	Death occurred between 1979 and 1992
1	.01	7,993	Death occurred between 1979 and 1993
2	.03	7,994	Death occurred between 1979 and 1994
4	.05	8,081	Death occurred between 1980 and 1981
2	.03	8,094	Death occurred between 1980 and 1994
1	.01	8,182	Death occurred between 1981 and 1982
–	–	8,192	Death occurred between 1981 and 1992
4	.05	8,194	Death occurred between 1981 and 1994
1	.01	8,283	Death occurred between 1982 and 1983
–	–	8,284	Death occurred between 1982 and 1984
–	–	8,293	Death occurred between 1982 and 1993
2	.03	8,294	Death occurred between 1982 and 1994
5	.06	8,384	Death occurred between 1983 and 1984
1	.01	8,389	Death occurred between 1983 and 1989
1	.01	8,393	Death occurred between 1983 and 1993
1	.01	8,394	Death occurred between 1983 and 1994
1	.01	8,485	Death occurred between 1984 and 1985

–	–	8,486	Death occurred between 1984 and 1986
1	.01	8,489	Death occurred between 1984 and 1989
1	.01	8,490	Death occurred between 1984 and 1990
1	.01	8,492	Death occurred between 1984 and 1992
1	.01	8,494	Death occurred between 1984 and 1994
–	–	8,586	Death occurred between 1985 and 1986
1	.01	8,587	Death occurred between 1985 and 1987
1	.01	8,589	Death occurred between 1985 and 1989
–	–	8,592	Death occurred between 1985 and 1992
1	.01	8,593	Death occurred between 1985 and 1993
1	.01	8,594	Death occurred between 1985 and 1994
3	.04	8,687	Death occurred between 1986 and 1987
2	.03	8,690	Death occurred between 1986 and 1990
2	.03	8,694	Death occurred between 1986 and 1994
3	.04	8,788	Death occurred between 1987 and 1988
1	.01	8,789	Death occurred between 1987 and 1989
–	–	8,793	Death occurred between 1987 and 1993
1	.01	8,889	Death occurred between 1988 and 1989
1	.01	8,890	Death occurred between 1988 and 1990
–	–	8,892	Death occurred between 1988 and 1992
–	–	8,894	Death occurred between 1988 and 1994
3	.04	8,990	Death occurred between 1989 and 1990
3	.04	8,994	Death occurred between 1989 and 1994
5	.06	9,091	Death occurred between 1990 and 1991
1	.01	9,094	Death occurred between 1990 and 1994
2	.03	9,192	Death occurred between 1991 and 1992
1	.01	9,194	Death occurred between 1991 and 1994
7	.09	9,293	Death occurred between 1992 and 1993
1	.01	9,294	Death occurred between 1992 and 1994
2	.03	9,394	Death occurred between 1993 and 1994
3	.04	9,495	Death occurred between 1994 and 1995
–	–	9,596	Death occurred between 1995 and 1996
–	–	9,700	Death occurred between 1997 and 2000
2	.03	9,799	Death occurred between 1997 and 1999
1	.01	9,899	Death occurred between 1998 and 1999

1	.01	9,901	Death occurred between 1999 and 2001
18	.23	9,999	NA

D013 **"ACCURACY OF MORE COMPLETE DEATH DATE"** NUM(1.0)
Accuracy of the More Precise Date of Death

Count	%	Value/Range	Code Value/Range Text
6,563	84.00	1	Month, day and year known
825	10.56	2	Month and year known
146	1.87	3	Year known
279	3.57	4	Only year range is known

D014 **"STATE OR COUNTRY IN WHICH DIED"** NUM(2.0)
State or Country in which Death Occurred

Count	%	Value/Range	Code Value/Range Text
61	.78	1	Alabama
54	.69	2	Arizona
118	1.51	3	Arkansas
298	3.81	4	California
34	.44	5	Colorado
18	.23	6	Connecticut
3	.04	7	Delaware
41	.52	8	District of Columbia
172	2.20	9	Florida
108	1.38	10	Georgia
8	.10	11	Idaho
138	1.77	12	Illinois
133	1.70	13	Indiana
70	.90	14	Iowa
13	.17	15	Kansas
79	1.01	16	Kentucky
87	1.11	17	Louisiana
18	.23	18	Maine
120	1.54	19	Maryland
88	1.13	20	Massachusetts
184	2.36	21	Michigan
47	.60	22	Minnesota
137	1.75	23	Mississippi

104	1.33	24	Missouri
3	.04	25	Montana
29	.37	26	Nebraska
18	.23	27	Nevada
9	.12	28	New Hampshire
94	1.20	29	New Jersey
2	.03	30	New Mexico
130	1.66	31	New York
214	2.74	32	North Carolina
3	.04	33	North Dakota
192	2.46	34	Ohio
24	.31	35	Oklahoma
72	.92	36	Oregon
179	2.29	37	Pennsylvania
1	.01	38	Rhode Island
192	2.46	39	South Carolina
21	.27	40	South Dakota
79	1.01	41	Tennessee
233	2.98	42	Texas
33	.42	43	Utah
1	.01	44	Vermont
131	1.68	45	Virginia
57	.73	46	Washington
4	.05	47	West Virginia
36	.46	48	Wisconsin
2	.03	49	Wyoming
2	.03	50	Alaska
4	.05	51	Hawaii
-	-	52	Guam
2	.03	53	Puerto Rico
-	-	54	Virgin Islands (U.S.)
15	.19	55	Foreign Country
3,898	49.89	99	NA

D015   **"PSID: NDI SUBMISSION STATUS"**   **NUM(1.0)**
Whether PSID Record was Submitted to NDI for Matching
As of Release 1 of the 1968-2021 Mortality File, deaths discovered after 2019 are pending submission to NDI.

Count	%	Value/Range	Code Value/Range Text
1,239	15.86	0	PSID record was not submitted to NDI (e.g., pre-1979 death)
6,195	79.29	1	PSID record was submitted to NDI
379	4.85	5	Submission to NDI pending

D016   **"PSID: CASE CLONED FOR NDI SUBMISSION"**   **NUM(1.0)**
Whether PSID Record was Cloned for Submission to NDI Due to Hyphenated Name or Missing Month of Birth
If hyphenated last names or multiple last names occurred for a PSID individual, then the case was cloned with one record submitted to NDI for each unique value of last name. If month of birth was missing in the PSID data, then the case was cloned with one record submitted to NDI for each possible month (i.e., twelve cloned records).

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Case not submitted to NDI (D015=0, 5)
298	3.81	1	Case was cloned
5,897	75.48	5	Case was not cloned

D017   **"PSID: DATE OF BIRTH - MONTH (F3-1)"**   **CHR(2)**
Actual Information Provided to NDI (PSID record information): Field 3, Part 1, Date of Birth--MONTH
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
557	7.13	01	January
540	6.91	02	February
514	6.58	03	March
457	5.85	04	April
521	6.67	05	May
512	6.55	06	June
482	6.17	07	July
580	7.42	08	August
541	6.92	09	September
541	6.92	10	October
470	6.02	11	November
475	6.08	12	December
5	.06	99	Month of birth missing

1,618   20.71   blank Not submitted to NDI (D015=0, 5)

D018   **"PSID: DATE OF BIRTH - YEAR (F3-3)"**   **CHR(4)**
Actual Information Provided to NDI (PSID record information): Field 3, Part 3, Date of
Birth --YEAR (4-digit)
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
6,189	79.21	1875 – 2019	Actual value
6	.08	9999	Year of birth missing
1,618	20.71	blank	Not submitted to NDI (D015=0, 5)

D019   **"PSID: AGE AT DEATH (F5)"**   **CHR(3)**
Actual Information Provided to NDI (PSID record information): Field 5, Age at Death
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).
Age is coded as a combination of two values: column 1 is the age unit, columns 2-3 are
the number of units.

Values for the age unit are as follows:

> *0 = Years (less than 100),*
> *1 = Years (100 or more),*
> *2 = Months,*
> *3 = Weeks,*
> *4 = Days,*
> *5 = Hours,*
> *6 = Minutes,*
> *blank = missing*

Count	%	Value/Range	Code Value/Range Text
4,998	63.97	001 – 320	Actual value
2,815	36.03	blank	NA/DK age; not submitted to NDI (D015=0, 5)

D020   **"PSID: SEX (F6)"**   **CHR(1)**
Actual Information Provided to NDI (PSID record information): Field 6, Sex
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
3,186	40.78	1	Male
3,009	38.51	2	Female
1,618	20.71	blank	Not submitted to NDI (D015=0, 5)

D021   **"PSID: RACE (F7)"**   **CHR(1)**
Actual Information Provided to NDI (PSID record information): Field 7, Race
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
–	–	0	Other Asian or Pacific Islander
1,774	22.71	1	White
863	11.05	2	Black
21	.27	3	American Indian
–	–	4	Chinese
–	–	5	Japanese
–	–	6	Hawaiian
32	.41	7	Other nonwhite
–	–	8	Filipino
3,505	44.86	9	NA; DK
1,618	20.71	blank	Not submitted to NDI (D015=0, 5)

D022   **"PSID: MARITAL STATUS (F8)"**   **CHR(1)**
Actual Information Provided to NDI (PSID record information): Field 8, Marital Status
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
569	7.28	1	Never married
2,151	27.53	2	Married
1,176	15.05	3	Widowed
522	6.68	4	Divorced
–	–	5	Separated
1,777	22.74	9	NA; DK
1,618	20.71	blank	Not submitted to NDI (D015=0, 5)

D023   **"PSID: STATE OF RESIDENCE (F9)"**   **CHR(2)**
Actual Information Provided to NDI (PSID record information): Field 9, State of Residence
For complete code, see NDI User's Manual
(http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
		blank	NA; DK; not submitted to NDI (D015=0, 5)

D024   **"PSID: STATE OF BIRTH (F10)"**   **CHR(2)**
Actual Information Provided to NDI (PSID record information): Field 10, State of Birth
For complete code, see NDI User's Manual
(http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
		blank	NA; DK; not submitted to NDI (D015=0, 5)

D025   **"NDI MATCH: STATE OF DEATH, ALPHA"**   **CHR(12)**
NDI Matching Record Information: State of Death (alphabetic)
The values for this variable are actual upper case names of states (and New York City and Washington, D.C.) truncated at 12 characters. See D027 for an alphanumeric version.

Count	%	Value/Range	Code Value/Range Text
		blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D026   **"NDI MATCH: YEAR OF DEATH"**   **CHR(4)**
NDI Matching Record Information: Year of Death (4-digit)
This variable is coded as a character field. See D030 for a numeric representation.

Count	%	Value/Range	Code Value/Range Text
5,719	73.20	1979 – 2019	Actual value
2,094	26.80	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D027   **"NDI MATCH: STATE OF DEATH, CODE"**   **CHR(3)**
NDI Matching Record Information: State of Death (NDI alphanumeric code)
See NDI User's Manual for details (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf).

Count	%	Value/Range	Code Value/Range Text
73	.93	01	Alabama
2	.03	02	Alaska
79	1.01	03	Arizona
154	1.97	04	Arkansas
438	5.61	05	California
49	.63	06	Colorado
36	.46	07	Connecticut
5	.06	08	Delaware
75	.96	09	District of Columbia
305	3.90	10	Florida
162	2.07	11	Georgia
3	.04	12	Hawaii

8	.10	13	Idaho
197	2.52	14	Illinois
172	2.20	15	Indiana
89	1.14	16	Iowa
16	.20	17	Kansas
118	1.51	18	Kentucky
159	2.04	19	Louisiana
25	.32	20	Maine
177	2.27	21	Maryland
115	1.47	22	Massachusetts
288	3.69	23	Michigan
59	.76	24	Minnesota
213	2.73	25	Mississippi
172	2.20	26	Missouri
3	.04	27	Montana
52	.67	28	Nebraska
40	.51	29	Nevada
15	.19	30	New Hampshire
128	1.64	31	New Jersey
16	.20	32	New Mexico
132	1.69	33	New York
258	3.30	34	North Carolina
-	-	35	North Dakota
252	3.23	36	Ohio
36	.46	37	Oklahoma
89	1.14	38	Oregon
295	3.78	39	Pennsylvania
1	.01	40	Rhode Island
260	3.33	41	South Carolina
27	.35	42	South Dakota
121	1.55	43	Tennessee
355	4.54	44	Texas
32	.41	45	Utah
2	.03	46	Vermont
182	2.33	47	Virginia

Count	%	Value/Range	Code Value/Range Text
79	1.01	48	Washington
11	.14	49	West Virginia
47	.60	50	Wisconsin
4	.05	51	Wyoming
8	.10	52	Puerto Rico
–	–	53	Virgin Islands
–	–	54	Guam
–	–	55	Canada
–	–	56	Cuba
–	–	57	Mexico
–	–	59	Remainder of world
85	1.09	33C	New York City
2,094	26.80	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D028   "NDI MATCH: ALIAS INDICATOR"   CHR(1)
NDI Matching Record Information: Alias Indicator.
Alias records (also referred to as "Also Known As" or "AKA" records) are provided by some states when decedents went by more than one first name and/or last name. While multiple NDI records are provided in this instance, only one death certificate is kept on file in that state.

Count	%	Value/Range	Code Value/Range Text
28	.36	A	Alias record
7,785	99.64	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); not an alias record

D029   "NDI MATCH: DATE OF DEATH – MONTH"   NUM(2.0)
NDI Matching Record Information: Date of Death--MONTH

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,719	73.20	1 – 12	Actual value
476	6.09	99	NA/DK month of death; no NDI match found (D058=4, 5, 9)

D030   "NDI MATCH: DATE OF DEATH – YEAR (RECODE)"   NUM(4.0)
NDI Matching Record Information: Date of Death--YEAR
The two-digit year provided by NDI was recoded by PSID to a four-digit value.

Note: This variable is coded as a numeric field. See D30 for a character representation.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)

5,719	73.20	1,979 - 2,019	Actual value
476	6.09	9,999	NA/DK year of death; no NDI match found (D058=4, 5, 9)

D031   **"NDI MATCH: FIRST NAME MATCH"**   **CHR(2)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on First Name

Count	%	Value/Range	Code Value/Range Text
288	3.69	I	Only first initials matched
-	-	N	First name matched only on NYSIIS phonetic coding system
5,253	67.23	X	PSID record matched NDI record exactly
106	1.36	IN	Only first initials matched, first name matched only on NYSIIS phonetic coding system
2,166	27.72	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but first name did not match PSID record

D032   **"NDI MATCH: MIDDLE INITIAL MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Middle Initial

Count	%	Value/Range	Code Value/Range Text
3,382	43.29	-	Middle initial missing from PSID record
68	.87	?	Middle initial missing on NDI record but included on PSID record
1,485	19.01	B	Middle initial missing on both PSID and NDI records
743	9.51	X	PSID record matched NDI record exactly
2,135	27.33	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but middle initial did not match PSID record

D033   **"NDI MATCH: LAST NAME MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Last Name

Count	%	Value/Range	Code Value/Range Text
-	-	?	Last name missing on NDI record but included on PSID record
109	1.40	N	Last name matched only on NYSIIS phonetic coding system
5,536	70.86	X	PSID record matched NDI record exactly
2,168	27.75	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but last name did not match PSID record

D034   **"NDI MATCH: FATHER SURNAME MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Father's Surname

Count	%	Value/Range	Code Value/Range Text
3,218	41.19	-	Father's surname missing on PSID record

193	2.47	?	Father's surname missing on NDI record but included on PSID record
78	1.00	N	Father's surname matches only on NYSIIS phonetic coding system
2,042	26.14	X	PSID record matches NDI record exactly
2,282	29.21	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but father's surname did not match PSID record

D035   "NDI MATCH: LAST/SURNAME MATCH"   CHR(1)
NDI Matching Record Information: Whether Father's Surname on NDI Record Matched Deceased
Person's Last Name on PSID Record
This comparison was made only for female decedent records.

Count	%	Value/Range	Code Value/Range Text
3,785	48.44	-	Deceased individual's last name missing on PSID record
91	1.16	?	Father's surname missing on NDI record but deceased individual's last name included on PSID record
17	.22	N	Father's surname matches deceased individual's last name only on NYSIIS phonetic coding system
272	3.48	X	PSID record matched NDI record exactly
3,648	46.69	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but father's surname did not match PSID record; deceased individual was male (D020=1)

D036   "NDI MATCH: SOCIAL SECURITY NUMBER MATCH"   CHR(9)
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Social
Security Number
*A string of Xs and/or dashes shows agreement or disagreement respectively on each digit of
the nine-digit social security number, as follows:*

- (single dash)   Data missing on PSID record

?   Data missing on NDI record but included on PSID record

---------   Records do not match on any of the nine digits

XXXXXXXX   PSID record matches NDI record exactly (all nine digits)

Mixed string of Xs and dashes   X   = specific single-digit matches
*   dash = specific single-digit does not match*

blank   Not submitted to NDI (D015=0,5);
*   no NDI match found (D058=4,5,9)*

D037   **"NDI MATCH: DATE OF BIRTH - MONTH MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Date of Birth-
-MONTH

Count	%	Value/Range	Code Value/Range Text
3	.04	-	Data missing on PSID record
4	.05	?	Data missing on NDI record, data included on PSID record
5,648	72.29	X	PSID record matches NDI record exactly
2,158	27.62	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but birth month did not match PSID record

D038   **"NDI MATCH: DATE OF BIRTH - DAY MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Date of Birth-
-DAY

Count	%	Value/Range	Code Value/Range Text
807	10.33	-	Data missing on PSID record
3	.04	?	Data missing on NDI record, data included on PSID record
4,591	58.76	X	PSID record matches NDI record exactly
2,412	30.87	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but birth day did not match PSID record

D039   **"NDI MATCH: DATE OF BIRTH - YEAR MATCH"**   **CHR(3)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Date of Birth-
-YEAR

Count	%	Value/Range	Code Value/Range Text
189	2.42	+01 - +99	The birth year on the NDI record is nn-years more than the birth year on the PSID record
273	3.49	-01 - -99	The birth year on the NDI record is nn-years less than the birth year on the PSID record
3	.04	-	Data missing on PSID record
5	.06	?	Data missing on NDI record, data included on PSID record
5,249	67.18	X	PSID record matches NDI record exactly
2,094	26.80	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D040   **"NDI MATCH: AGE AT DEATH MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Age at Death

Count	%	Value/Range	Code Value/Range Text
996	12.75	-	Data missing on PSID record
4	.05	?	Data missing on NDI record, data included on PSID record
4,395	56.25	X	PSID record matches NDI record exactly

2,418	30.95	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but age at death did not match PSID record

D041   **"NDI MATCH: SEX MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Sex

Count	%	Value/Range	Code Value/Range Text
–	–	–	Data missing on PSID record
–	–	?	Data missing on NDI record, data included on PSID record
5,694	72.88	X	PSID record matches NDI record exactly
2,119	27.12	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but sex did not match PSID record

D042   **"NDI MATCH: RACE MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Race

Count	%	Value/Range	Code Value/Range Text
3,147	40.28	–	Data missing on PSID record
4	.05	?	Data missing on NDI record, data included on PSID record
2,496	31.95	X	PSID record matches NDI record exactly
2,166	27.72	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but race did not match PSID record

D043   **"NDI MATCH: MARITAL STATUS MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on Marital Status

Count	%	Value/Range	Code Value/Range Text
1,528	19.56	–	Data missing on PSID record
13	.17	?	Data missing on NDI record, data included on PSID record
3,785	48.44	X	PSID record matches NDI record exactly
2,487	31.83	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but marital status did not match PSID record

D044   **"NDI MATCH: STATE OF RESIDENCE MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on State of Residence

Count	%	Value/Range	Code Value/Range Text
2,508	32.10	–	Data missing on PSID record
–	–	?	Data missing on NDI record, data included on PSID record
3,111	39.82	X	PSID record matches NDI record exactly

2,194	28.08	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but state of residence did not match PSID record

D045   **"NDI MATCH: STATE OF BIRTH MATCH"**   **CHR(1)**
NDI Matching Record Information: Whether NDI Record Matched PSID Record on State of Birth

Count	%	Value/Range	Code Value/Range Text
3,262	41.75	-	Data missing on PSID record
8	.10	?	Data missing on NDI record, data included on PSID record
2,292	29.34	X	PSID record matches NDI record exactly
2,251	28.81	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but state of birth did not match PSID record

D046   **"NDI MATCH: EXACT MATCH INDICATOR"**   **CHR(1)**
NDI Matching Record Information: Exact Match Indicator

Count	%	Value/Range	Code Value/Range Text
3,368	43.11	*	All items provided on the PSID record match exactly with the corresponding items on the NDI record
4,445	56.89	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9); NDI match found but PSID record was not an exact match

D047   **"NDI MATCH: MATCHING SEQUENCE"**   **CHR(3)**
NDI Matching Record Information: Matching Sequence Number

Sequential number indicating which NDI record is selected out of up to 50 possible matches. NDI record matches are ranked based on the number of data items that agree, with a record matching on social security number always being ranked first.

NOTE: Virtually all of the NDI records included for release are first-ranked NDI record matches, e.g., 001 of 010 possible matches. However, while this file also includes a few matches that were NOT ranked first in the matching sequence, each of these matches had to have a probabilistic score which was high enough for the match to be assigned a status code of '1' ("true match; assumed deceased").

Count	%	Value/Range	Code Value/Range Text
5,719	73.20	001 - 050	Sequential value
2,094	26.80	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D048   **"NDI MATCH: NUMBER OF POSSIBLE MATCHES"**   **CHR(3)**

NDI Matching Record Information: Number of possible NDI record matches for this PSID record

This number indicates how many possible NDI matches were returned for a given PSID record (not counting clones). The maximum number was 145.

Count	%	Value/Range	Code Value/Range Text
5,719	73.20	001 – 276	Sequential value
2,094	26.80	blank	Not submitted to NDI (D015=0, 5); no NDI match found (D058=4, 5, 9)

D049   **"NDI MATCH: PROBABILISTIC SCORE"**   **NUM(3.0)**

NDI Matching Record Information: Probabilistic Score

This is the sum of weighted probabilities for each of the NDI matching criteria based on a formula derived from the National Health Interview Survey (NHIS). Matching items included in the calculation of this score are first name, middle initial, last name, sex, race, marital status, age, birth month, birth day, birth year, state of birth, and state of residence.

Note that weights for first name are sex- and birth-year-specific; weights for middle initial are sex-specific; weights for marital status are age- and sex-specific; and weights for last name are adjusted for females to incorporate father's surname to account for name changes due to marriage, divorce, remarriage, etc. If the decedent's last name did not match but father's surname did, then the weight was replaced using the latter.

Refer to the NDI Users Guide (http://www.cdc.gov/nchs/data/ndi/NDI_Users_Guide.pdf); 'Appendix A: Probabilistic Scoring Approach for Assessing National Death Index Match Results' for a detailed description of how the probabilistic score is created and used.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,719	73.20	21 – 103	Actual value
476	6.09	999	No NDI match found (D058=4, 5, 9)

D050   **"NDI MATCH: CLASS CODE"**   **NUM(1.0)**

NDI Matching Record Information: Class Code

This is a mutually exclusive classification of the probability scores, used to summarize each potential match.

Note: NDI makes some adjustment to the class code based upon secondary analysis of sex and social security number.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
390	4.99	1	Exact match on SSN, first name, middle initial, last name, sex, state of birth, birth month, and birth year

3,428	43.88	2	SSN matches on at least seven digits; one or more of the items from Class 1 may not match. Some cases were reclassified from Class 2 to Class 5 because reported-SSN belonged to spouse.
1,084	13.87	3	SSN unknown; eight or more of first name, middle initial, last name, birth day, birth month, birth year, sex, race, marital status, or state of birth match.
815	10.43	4	Same as Class 3 but less than eight items match
2	.03	5	SSN is known but does not match
476	6.09	9	No NDI match (D058=4, 5, 9)

D051   "NDI MATCH: STATUS CODE"   NUM(1.0)
NDI Matching Record Information: Status Code
This is the NDI status code for the single relatively-best match identified for this PSID record from among all possible matches identified for this record.

Count	%	Value/Range	Code Value/Range Text
1,905	24.38	0	False match, assumed alive; not submitted to NDI (D015=0, 5)
5,432	69.53	1	True match, assumed dead
476	6.09	9	No NDI match (D058=4, 5, 9)

D052   "PSID: DATE OF DEATH MATCHING PATTERN"   NUM(1.0)
Created Variable Comparing the Match between PSID Date of Death (complete, as submitted to NDI; not released in this file) and NDI Date of Death (complete, as received from NDI; released as D029/D030)
This is a hierarchical variable where successive code values exclude the previous values (i.e., are in priority order). For example, if a case is coded 3, 'years match exactly', this means that neither month nor day match exactly. Similarly, if a case is coded 5 for 'year-range matches', this means that month and day do not match exactly, years do not match exactly, and years are not within plus or minus one year.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
4,445	56.89	1	Month, day, and year match exactly
425	5.44	2	Month and year match exactly
489	6.26	3	Years match exactly
79	1.01	4	Years match within +/- 1
38	.49	5	Year-range matches NDI value
192	2.46	6	Date of death does not match
527	6.75	9	No NDI match (D058=4, 5, 9); date of death is missing

D053   **"PSID: PRESORTED MATCH GROUP"**   **NUM(1.0)**
Created Variable Used for Initial Sort of NDI Possible Matches to Identify Best Matches
This variable was used to make an initial pass through the possible matches received from
NDI for each case (NDI provides up to 50 possible matches for each record submitted,
with up to 600 possible-matches received for cloned cases) to hierarchically identify
groups of relatively-best matches. These relatively-best matches were then analyzed to
potentially identify a single relatively-best match within that subgroup; possible matches
from subgroups with a relatively poorer match were excluded from this analysis.
A statuscode=1 possible match (code value of 3) is considered the best possible match,
followed by a possible match (code 2) that met the secondary or near-miss criteria
established by the Health and Retirement Survey (HRS), followed lastly by a possible match
(code 1) that did not fit HRS's secondary criteria and that was not considered for
release. A code of 9 indicates that no possible matches were received for that particular
PSID record.
The HRS secondary inclusion criteria (code 2) are as follows (all must be true):
Matching sequence (D047) number is 003 or better;
Year of birth (D039) is an exact match or is within +/- one year;
Probabilistic score (D049) is 21 or higher.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
247	3.16	1	Statuscode=0/HRS=0 non-match
333	4.26	2	Statuscode=0/HRS=2 possible match
5,466	69.96	3	Statuscode=1 match
149	1.91	9	No NDI match

D054   **"PSID: 15-ITEM MATCHING SUM"**   **NUM(4.1)**
Created Variable: Unweighted Sum of the 15 Data Fields Submitted to NDI and Used to
Create the Probabilistic Score (D049)
This unweighted sum of match/non-match status is a composite indicator of missing data;
the higher the score, the greater the number of the fifteen data items that matched. This
variable was used to differentiate among the best possible matches during the PSID post-
matching processing phase.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	.0	Not submitted to NDI (D015=0, 5)
5,719	73.20	3.0 - 15.0	Actual value
476	6.09	99.0	No NDI match (D058=4, 5, 9)

D055   **"PSID: TOTAL NUMBER OF POSSIBLE MATCHES"**   **NUM(3.0)**
Created Variable: Count of All Possible Matches Received from NDI for this Record,
Including All Possible Matches for Cloned Records
The range for cloned cases is 0-600. For non-clones, it is 0-50.

Count	%	Value/Range	Code Value/Range Text
1,648	21.09	0	Not submitted to NDI (D015=0, 5)

5,719	73.20	1 - 600	Actual value
446	5.71	999	No NDI match (D058=4, 5, 9)

D056   **"PSID: FINAL MATCH GROUP"**   **NUM(1.0)**
Created Variable: Summarization of Possible Matches for Further Analysis
This is an intermediate variable that identifies whether cases had more than one possible match in the subgroups defined by the presort variable, D053. 'Single' refers to cases having exactly one possible match in the relatively-best presort subgroup; 'multiple' refers to cases having more than one possible match in the relatively-best presort subgroup. A crosstabulation of D053 with this variable shows that all cases coded 1 on D053 are also coded 1 here, all cases coded 2 on D053 are coded 2 or 3 here, and all cases coded 3 on D053 are coded 4 or 5 here.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
247	3.16	1	Statuscode=0/HRS=0 non-match
152	1.95	2	Single statuscode=0/HRS=2 possible match
181	2.32	3	Multiple statuscode=0/HRS=2 , possible matches
5,176	66.25	4	Single statuscode=1 match
290	3.71	5	Multiple statuscode=1 matches
149	1.91	9	No NDI match (D053=9)

D057   **"PSID: UNIQUE MATCH LEVEL"**   **NUM(1.0)**
Created Variable: Summarizing Method Used to Select the Best Matching Record among the Possible Matches
In instances where more than one possible match met the initial sort criterion (D053), possible-matches were sorted in order by each of the variables listed in this code frame. The value of each variable was then compared only among the possible-matches in the first sort group (D053). If the highest value for the first variable was the same for more than one possible-match, then the comparison was made with the next variable in the sort order. Thus, a process of elimination was followed until only one relatively-best possible-match remained for each PSID case. The sort variable that was ascertained to be the first instance of a unique value among the subset of possible matches was the variable identified in this code frame for the possible-match that was selected. For example, a case with a value of 3 (matching sequence) for this variable had at least two possible-matches with identical values for both statuscode and probabilistic score but only one match with a unique value for matching sequence. Cases

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,328	68.19	1	Status code (D051)
383	4.90	2	Probabilistic score (D049)
174	2.23	3	Matching sequence (D047)
58	.74	4	15-item matching sum (D054)
15	.19	5	Date of death matching pattern (D052)

8	.10	6	Duplicate possible matches resolved
80	1.02	7	Remainder, unresolved possible matches
149	1.91	9	No NDI match (D053=9)

D058   **"PSID: DEATH RECORD STATUS"**   **NUM(1.0)**
Created variable: Summary of Whether a Possible Match was Included for Release
This analysis variable summarizes information displayed in intermediate variables D056 and D057, used for final determination of whether NDI matching information would be released. Recall that statuscode=1 matches are always considered to be better matches than statuscode=0 matches; thus, these are designated as the "best" matches. "Good" matches are those cases with more than one possible-match of statuscode=1 rank where we selected the relatively-best match among these possibilities; while deemed to be good matches, there is a chance that we did not select the correct match for some of these. 'Fair' matches were similarly selected from instances where more than one possible-match was identified, but none of these were of statuscode=1 caliber. Therefore, they are not as strong a match as codes 1 or 2. "Unresolved matches" are those described in the matching process (see D057, as well as the description in the introductory document) where multiple possible-matches could not be further decided even after looking at additional information. In these cases we decided not to risk a guess and release matching data for these cases. 'Poor matches' were those cases whose relatively-best match(es) failed to meet even the secondary criterion identified by the Health and Retirement Survey; no match is released for these.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,176	66.25	1	Best match
256	3.28	2	Good match
287	3.67	3	Fair match
80	1.02	4	Unresolved match
247	3.16	5	Poor match
149	1.91	9	No NDI match (D053=9)

D059   **"NDI CAUSE: ICD CODE"**   **CHR(4)**
Underlying Cause of Death, as Classified According to Applicable Revision of the International Classification of Diseases (ICD) Using ICD-9 (1979-1998) or ICD-10 (1999-present) Codes
Refer to "CODED CAUSES -- READ ME FIRST.doc", "ICD - 09 CODES.doc", and "ICD - 10 CODES.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D060   **"NDI CAUSE: 282 CAUSE RECODE"**   **CHR(5)**
Underlying Cause of Death, as Classified According to Applicable Revision of the International Classification of Diseases (ICD): Recode into either 282 Codes (ICD-9, 1979-1998) or 358 Codes (ICD-10, 1999-present).
Refer to "ICD-09 RECODES.doc" and "ICD-10 RECODES.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D061   **"NDI CAUSE: 72 CAUSE RECODE"**   **CHR(3)**
Underlying Cause of Death, as Classified According to Applicable Revision of the
International Classification of Diseases (ICD): Recode into either 72 Codes (ICD-9, 1979-
1998) or 113 Codes (ICD-10, 1999-present)
Refer to "ICD-09 RECODES.doc" and "ICD-10 RECODES.doc". Note: records must be filtered by
year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D062   **"NDI CAUSE: 61 INFANT CAUSE RECODE"**   **CHR(3)**
Underlying Cause of Death for Infants, as Classified According to Applicable Revision of
the International Classification of Diseases (ICD): Recode into Either 61 Codes (ICD-9,
1979-1998) or 130 Codes (ICD-10, 1999-present)
Refer to "ICD-09 RECODES.doc" and "ICD-10 RECODES.doc". Note: records must be filtered by
year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D063   **"NDI CAUSE: NUMBER OF ENTITY-AXIS CNDNS"**   **NUM(2.0)**
Multiple Causes of Death, Number of Entity-Axis Conditions.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,590	71.55	1 – 20	Actual value
605	7.74	99	No NDI match (D058=4, 5, 9)

D064   **"NDI CAUSE: 1ST ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 1st Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of
death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D065   **"NDI CAUSE: 2ND ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 2nd Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of
death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D066   **"NDI CAUSE: 3RD ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 3rd Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of
death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D067   **"NDI CAUSE: 4TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 4th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of
death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D068   **"NDI CAUSE: 5TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 5th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of
death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D069   **"NDI CAUSE: 6TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 6th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D070   **"NDI CAUSE: 7TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 7th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D071   **"NDI CAUSE: 8TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 8th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D072   **"NDI CAUSE: 9TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 9th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D073   **"NDI CAUSE: 10TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 10th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D074   **"NDI CAUSE: 11TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 11th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D075   **"NDI CAUSE: 12TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 12th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D076   **"NDI CAUSE: 13TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 13th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D077   **"NDI CAUSE: 14TH ENTITY-AXIS CONDITION"**   **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 14th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D078 **"NDI CAUSE: 15TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 15th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D079 **"NDI CAUSE: 16TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 16th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D080 **"NDI CAUSE: 17TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 17th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D081 **"NDI CAUSE: 18TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 18th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D082 **"NDI CAUSE: 19TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 19th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D083 **"NDI CAUSE: 20TH ENTITY-AXIS CONDITION"** **CHR(7)**
Multiple Causes, Entity-Axis Conditions: 20th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D084 **"NDI CAUSE: NUMBER OF RECORD-AXIS CNDTNS"** **NUM(2.0)**
Multiple Causes of Death, Number of Record-Axis Conditions
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

Count	%	Value/Range	Code Value/Range Text
1,618	20.71	0	Not submitted to NDI (D015=0, 5)
5,590	71.55	1 - 20	Actual value
605	7.74	99	No NDI match (D058=4, 5, 9)

D085 **"NDI CAUSE: 1ST RECORD-AXIS CONDITION"** **CHR(5)**
Multiple Causes, Record-Axis Conditions: 1st Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D086   **"NDI CAUSE: 2ND RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 2nd Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D087   **"NDI CAUSE: 3RD RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 3rd Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D088   **"NDI CAUSE: 4TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 4th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D089   **"NDI CAUSE: 5TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 5th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D090   **"NDI CAUSE: 6TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 6th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D091   **"NDI CAUSE: 7TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 7th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D092   **"NDI CAUSE: 8TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 8th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D093   **"NDI CAUSE: 9TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 9th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D094   **"NDI CAUSE: 10TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 10th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D095   **"NDI CAUSE: 11TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 11th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D096   **"NDI CAUSE: 12TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 12th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D097   **"NDI CAUSE: 13TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 13th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D098   **"NDI CAUSE: 14TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 14th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D099   **"NDI CAUSE: 15TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 15th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D100   **"NDI CAUSE: 16TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 16th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D101   **"NDI CAUSE: 17TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 17th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D102   **"NDI CAUSE: 18TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 18th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D103   **"NDI CAUSE: 19TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 19th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.

D104   **"NDI CAUSE: 20TH RECORD-AXIS CONDITION"**   **CHR(5)**
Multiple Causes, Record-Axis Conditions: 20th Condition
Refer to "CODED CAUSES -- READ ME FIRST.doc". Note: records must be filtered by year of death (D026 or D030) to discern IDC-9 codes from ICD-10 codes.