

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables- Standard File**

Survey Year

Variable	Codes	1986 <sup>1</sup>	1987	1988	1989	1990	1991	1992 <sup>2</sup>	1993	1994	1995	1996 <sup>1</sup>	1997	1998	1999	2000
ELIGSTAT	1=Eligible	43837	86653	86851	83064	85090	84763	89903	77439	81486	70963	43892	67764	63082	62137	64267
	2=Ineligible, under 18	17393	34625	33945	32357	33243	33668	36541	30512	32460	29711	18128	29792	28122	27271	28495
	3=Ineligible, insufficient data for matching	822	1581	1514	1508	1298	1601	1968	1720	2233	1793	1382	5921	7581	7651	7856
MORTSTAT	0=Assumed alive	35345	70877	72156	70108	73029	73749	79307	69309	73575	65201	40888	63757	60073	59945	62736
	1=Assumed deceased	8492	15776	14695	12956	12061	11014	10596	8130	7911	5762	3004	4007	3009	2192	1531
	Blank=Ineligible for mortality follow-up	18215	36206	35459	33865	34541	35269	38509	32232	34693	31504	19510	35713	35703	34922	36351
DODMONTH	01 - 12	8492	15776	14695	12956	12061	11014	10596	8130	7911	5762	3004	4007	3009	2192	1531
	Blank=Ineligible for mortality follow-up or assumed alive	53560	107083	107615	103973	107570	109018	117816	101541	108268	96705	60398	99470	95776	94867	99087
DODDAY	01-31	8492	15776	14695	12956	12060	11014	10596	8130	7911	5762	3004	4007	3009	2192	1531
	Blank=Ineligible for mortality follow-up or assumed alive	53560	107083	107615	103973	107571	109018	117816	101541	108268	96705	60398	99470	95776	94867	99087
DODYEAR	1986-2002	8492	15776	14695	12956	12061	11014	10596	8130	7911	5762	3004	4007	3009	2192	1531
	Blank=Ineligible for mortality follow-up or assumed alive	53560	107083	107615	103973	107570	109018	117816	101541	108268	96705	60398	99470	95776	94867	99087
AGEDEATH	18-113	8492	15776	14695	12956	12061	11014	10596	8130	7911	5762	3004	4007	3009	2192	1531
	Blank=Ineligible for mortality follow-up or assumed alive	53560	107083	107615	103973	107570	109018	117816	101541	108268	96705	60398	99470	95776	94867	99087
AGEPRALV	19-121	35341	70868	72141	70101	73016	73720	79303	69303	73574	65193	40887	63558	59890	59743	62578
	Blank=Ineligible for mortality follow-up or assumed deceased	26707	51982	50154	46821	46602	46283	49105	40362	42604	37266	22514	39720	38712	37114	37883
	999=Missing	4	9	15	7	13	29	4	6	1	8	1	199	183	202	157
CAUSEAVL	0=No	1	3	3	1	6	0	5	1	4	2	2	0	2	0	0
	1=Yes	8491	15773	14692	12955	12055	11014	10591	8129	7907	5760	3002	4007	3007	2192	1531
	Blank=Ineligible for mortality follow-up or assumed alive	53560	107083	107615	103973	107570	109018	117816	101541	108268	96705	60398	99470	95776	94867	99087
DOBMONTH	01-12	61990	122736	122146	116880	119570	119901	128334	109632	116134	102343	63362	98296	89946	88286	91905
	Missing	62	123	164	49	61	131	78	39	45	124	40	5181	8839	8773	8713
DOBDAY	01-31	61990	122736	122146	116880	119570	119901	128334	109632	116134	102343	63362	98296	89946	88286	91905
	Missing	62	123	164	49	61	131	78	39	45	124	40	5181	8839	8773	8713
DOBYEAR	1880-2000	61990	122736	122146	116880	119570	119901	128334	109632	116134	102343	63362	98021	89635	87978	91549
	Missing	62	123	164	49	61	131	78	39	45	124	40	5456	9150	9081	9069
INTVMONTH	01-12	62052	122859	122310	116929	119631	120032	128412	109671	116179	102467	63402	103477	98785	97059	100618
INTVDAY	01-31	62052	122859	122310	116929	119631	120032	128412	109671	116179	102467	63402	103477	98785	97059	100618
INTVYEAR	1986-2000	62052	122859	122310	116929	119631	120032	128412	109671	116179	102467	63402	103477	98785	97059	100618
AGEINTV	18-107	62052	122859	122310	116929	119631	120032	128412	109671	116179	102467	63402	103477	98785	97059	100618

<sup>1</sup> The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>2</sup> In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
No cause of death data is available or an ICD-10 death	n/a	2195	4471	4442	4172	4223	4149	4404	3693	4040	3274	1960	3038	2738	n/a	n/a
Shigellosis and amebiasis (004, 006)	10	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a
Certain other intestinal infections (007-009)	20	0	1	1	0	1	1	4	0	1	2	1	0	0	n/a	n/a
Tuberculosis of respiratory system (010-012)	40	2	2	7	7	5	3	3	0	0	1	0	1	0	n/a	n/a
Other tuberculosis (013-018)	50	2	2	4	0	0	1	2	1	2	0	0	0	0	n/a	n/a
Whooping cough (033)	60	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	70	0	0	0	0	1	0	0	0	1	0	0	0	0	n/a	n/a
Meningococcal infection (036)	80	0	0	0	1	0	0	1	0	0	0	0	0	0	n/a	n/a
Septicemia (038)	90	56	99	97	94	76	61	56	29	32	23	10	13	1	n/a	n/a
Measles (055)	110	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a
Viral hepatitis (070)	120	2	14	17	19	7	11	11	5	8	1	2	4	0	n/a	n/a
Syphilis (090-097)	130	1	0	0	0	0	0	0	0	0	1	0	0	0	n/a	n/a
All other infectious and parasitic diseases (001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139)	140	89	164	141	113	114	102	91	58	60	38	9	7	3	n/a	n/a
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	160	14	44	47	29	29	20	22	13	11	9	3	4	2	n/a	n/a
Malignant neoplasms of digestive organs and peritoneum (150-159)	170	382	708	597	570	492	423	397	315	263	162	62	58	15	n/a	n/a
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	180	475	850	785	666	631	529	454	352	327	217	73	79	18	n/a	n/a
Malignant neoplasm of breast (174-175)	190	120	257	210	210	169	135	135	102	93	41	24	17	9	n/a	n/a
Malignant neoplasms of genital organs (179-187)	200	177	348	314	239	236	180	169	138	101	58	30	27	7	n/a	n/a
Malignant neoplasms of urinary organs (188-189)	210	70	124	105	80	75	70	54	50	42	32	21	10	5	n/a	n/a
Malignant neoplasms of all other and unspecified sites (170-173, 190-199)	220	223	330	305	275	274	244	212	155	120	72	29	34	7	n/a	n/a
Leukemia (204-208)	230	65	106	103	71	80	63	58	35	39	22	12	13	4	n/a	n/a
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	240	84	178	153	120	132	125	135	79	69	50	28	24	4	n/a	n/a
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	250	24	46	44	36	22	27	20	11	15	7	4	1	0	n/a	n/a

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Diabetes mellitus (250)	260	167	286	271	233	216	187	156	126	120	77	39	26	10	n/a	n/a
Nutritional deficiencies (260-269)	270	9	15	17	16	12	12	6	1	9	3	0	1	1	n/a	n/a
Anemias (280-285)	280	11	25	18	19	14	12	8	9	8	3	1	0	1	n/a	n/a
Meningitis (320-322)	290	3	2	1	2	1	4	2	4	3	1	2	0	0	n/a	n/a
Rheumatic fever and rheumatic heart disease (390-398)	320	15	36	27	16	21	16	18	8	8	8	1	3	1	n/a	n/a
Hypertensive heart disease (402)	330	79	153	97	90	93	79	68	61	51	38	14	20	4	n/a	n/a
Hypertensive heart and renal disease (404)	340	6	16	11	11	8	12	12	3	2	3	1	1	0	n/a	n/a
Acute myocardial infarction (410)	360	711	1215	1135	937	828	736	587	444	364	237	98	80	24	n/a	n/a
Other acute and subacute forms of ischemic heart disease (411)	370	6	26	17	17	18	8	14	10	5	1	1	2	0	n/a	n/a
Angina pectoris (413)	380	3	4	7	2	4	3	6	2	2	0	0	0	0	n/a	n/a
Old myocardial infarction and other forms of chronic ischemic heart disease (412, 414)	390	695	1237	1138	994	870	747	673	478	413	254	131	92	30	n/a	n/a
Other diseases of endocardium (424)	400	37	90	74	67	62	47	43	38	41	19	10	9	3	n/a	n/a
All other forms of heart disease (415-423, 425-429)	410	561	967	963	776	696	632	570	399	340	202	89	95	30	n/a	n/a
Hypertension with or without renal disease (401, 403)	420	24	65	54	44	40	36	40	27	28	17	5	10	1	n/a	n/a
Intracerebral and other intracranial hemorrhage (431-432)	440	64	94	115	93	98	82	85	36	41	20	12	7	5	n/a	n/a
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0, 434.9)	450	53	78	60	58	47	38	33	25	18	16	3	3	0	n/a	n/a
Cerebral embolism (434.1)	460	2	6	4	2	1	4	1	1	0	0	0	0	0	n/a	n/a
All other and late effects of cerebrovascular diseases (430, 433, 435-438)	470	321	575	512	457	393	349	291	194	183	132	38	48	10	n/a	n/a
Atherosclerosis (440)	480	58	67	54	56	42	43	42	21	11	14	4	5	1	n/a	n/a
Other diseases of arteries, arterioles, and capillaries (441-448)	490	72	163	119	108	69	59	92	60	47	41	13	10	4	n/a	n/a
Acute bronchitis and bronchiolitis (466)	500	2	4	2	4	2	1	4	2	1	0	0	0	0	n/a	n/a
Pneumonia (480-486)	520	209	373	332	296	224	216	182	142	117	75	32	25	7	n/a	n/a
Influenza (487)	530	3	6	11	1	0	3	2	1	1	2	0	0	0	n/a	n/a
Bronchitis, chronic and unspecified (490-491)	550	12	19	17	11	8	8	7	10	4	5	1	2	1	n/a	n/a

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Emphysema (492)	560	49	86	91	67	62	58	41	30	27	24	11	11	1	n/a	n/a
Asthma (493)	570	17	30	22	26	19	25	22	16	15	10	1	1	2	n/a	n/a
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	580	197	409	369	292	279	221	236	153	139	93	41	30	7	n/a	n/a
Ulcer of stomach and duodenum (531-533)	590	11	35	32	20	19	26	16	6	7	9	5	0	1	n/a	n/a
Appendicitis (540-543)	600	0	1	3	0	2	0	1	0	2	0	0	0	0	n/a	n/a
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553, 560)	610	18	27	32	24	19	11	18	15	12	2	3	3	0	n/a	n/a
Chronic liver disease and cirrhosis (571)	620	77	109	122	107	71	66	76	48	51	33	15	16	4	n/a	n/a
Cholelithiasis and other disorders of gallbladder (574-575)	630	9	16	14	20	12	11	13	4	3	4	2	1	1	n/a	n/a
Acute glomerulonephritis and nephrotic syndrome (580-581)	650	0	5	2	1	0	0	0	0	0	0	0	1	0	n/a	n/a
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583, 587)	660	4	11	6	8	7	3	4	2	1	2	0	1	0	n/a	n/a
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586, 588-589)	670	75	121	84	81	73	82	54	36	40	20	8	8	2	n/a	n/a
Infections of kidney (590)	680	2	9	4	4	2	1	2	1	1	0	0	0	0	n/a	n/a
Hyperplasia of prostate (600)	690	0	2	2	2	1	1	1	0	2	1	0	0	0	n/a	n/a
Pregnancy with abortive outcome (630-638)	710	1	0	0	0	0	0	1	0	0	0	0	0	0	n/a	n/a
Other complications of pregnancy, childbirth, and the puerperium (640-676)	720	0	0	0	0	2	1	1	0	0	0	0	0	0	n/a	n/a
Congenital anomalies (740-759)	730	13	19	22	9	18	24	14	14	10	7	0	2	2	n/a	n/a
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	750	0	1	0	1	0	0	0	0	0	0	0	0	0	n/a	n/a
Other conditions originating in the perinatal period (760-766, 770-779)	760	2	0	1	2	1	0	0	0	1	0	0	0	0	n/a	n/a
Symptoms, signs, and ill-defined conditions (780-799)	770	56	91	85	81	69	48	55	41	32	19	9	7	5	n/a	n/a
All other diseases (Residual)	780	534	945	877	755	654	605	505	379	321	206	70	88	20	n/a	n/a
Motor vehicle accidents (E810-E825)	800	87	156	153	131	122	100	102	70	51	43	23	19	3	n/a	n/a
All other accidents and adverse effects (E800-E807, E826-E949)	810	120	197	163	146	134	141	122	79	81	58	23	23	5	n/a	n/a

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Suicide (E950-E959)	820	70	136	92	107	99	68	79	70	51	32	15	15	7	n/a	n/a
Homicide and legal intervention (E960-E978)	830	36	89	73	54	53	41	51	25	18	18	13	10	3	n/a	n/a
All other external causes (E980-E999)	840	10	15	18	6	9	3	12	3	5	3	2	2	0	n/a	n/a

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-34 Groups (ICD-9)	Recode Group	Survey Year															
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>	
No cause of death data is available or an ICD-10 death	n/a	2195	4471	4442	4172	4223	4149	4404	3693	4040	3274	1960	3038	2738	n/a	n/a	
Tuberculosis (010-018)	010	4	4	11	7	5	4	5	1	2	1	0	1	0	n/a	n/a	
Syphilis (090-097)	020	1	0	0	0	0	0	0	0	0	1	0	0	0	n/a	n/a	
Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)	030	147	278	256	227	199	175	163	92	102	64	22	24	4	n/a	n/a	
Malignant neoplasms of digestive organs and peritoneum (150-159)	050	382	708	597	570	492	423	397	315	263	162	62	58	15	n/a	n/a	
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	060	475	850	785	666	631	529	454	352	327	217	73	79	18	n/a	n/a	
Malignant neoplasm of breast (174-175)	070	120	257	210	210	169	135	135	102	93	41	24	17	9	n/a	n/a	
Malignant neoplasms of genital organs (179-187)	080	177	348	314	239	236	180	169	138	101	58	30	27	7	n/a	n/a	
Malignant neoplasms of urinary organs (188-189)	090	70	124	105	80	75	70	54	50	42	32	21	10	5	n/a	n/a	
Leukemia (204-208)	100	65	106	103	71	80	63	58	35	39	22	12	13	4	n/a	n/a	
Other malignant neoplasms (140-149,170-173,190-203)	110	321	552	505	424	435	386	369	247	200	131	60	62	13	n/a	n/a	
Diabetes mellitus (250)	120	167	286	271	233	216	187	156	126	120	77	39	26	10	n/a	n/a	
Rheumatic fever and rheumatic heart disease (390-398)	150	15	36	27	16	21	16	18	8	8	8	1	3	1	n/a	n/a	
Hypertensive heart disease with or without renal disease (402,404)	160	85	169	108	101	101	91	80	64	53	41	15	21	4	n/a	n/a	
Ischemic heart disease (410-414)	170	1415	2482	2297	1950	1720	1494	1280	934	784	492	230	174	54	n/a	n/a	
Other heart diseases (415-429)	180	598	1057	1037	843	758	679	613	437	381	221	99	104	33	n/a	n/a	
Hypertension with or without renal disease (401,403)	190	24	65	54	44	40	36	40	27	28	17	5	10	1	n/a	n/a	
Cerebrovascular diseases (430-438)	200	440	753	691	610	539	473	410	256	242	168	53	58	15	n/a	n/a	
Atherosclerosis (440)	210	58	67	54	56	42	43	42	21	11	14	4	5	1	n/a	n/a	
Other diseases of arteries, arterioles, and capillaries (441-448)	220	72	163	119	108	69	59	92	60	47	41	13	10	4	n/a	n/a	
Pneumonia and influenza (480-487)	230	212	379	343	297	224	219	184	143	118	77	32	25	7	n/a	n/a	
Chronic obstructive pulmonary diseases and allied conditions (490-496)	240	275	544	499	396	368	312	306	209	185	132	54	44	11	n/a	n/a	
Ulcer of stomach and duodenum (531-533)	250	11	35	32	20	19	26	16	6	7	9	5	0	1	n/a	n/a	
Chronic liver disease and cirrhosis (571)	260	77	109	122	107	71	66	76	48	51	33	15	16	4	n/a	n/a	

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-34 Groups (ICD-9)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Nephritis, nephrotic syndrome, and nephrosis (580-589)	270	79	137	92	90	80	85	58	38	41	22	8	10	2	n/a	n/a
Complications of pregnancy, childbirth, and the puerperium (630-676)	280	1	0	0	0	2	1	2	0	0	0	0	0	0	n/a	n/a
Congenital anomalies (740-759)	290	13	19	22	9	18	24	14	14	10	7	0	2	2	n/a	n/a
Certain conditions originating in the perinatal period (760-779)	300	2	1	1	3	1	0	0	0	1	0	0	0	0	n/a	n/a
Symptoms, signs, and ill-defined conditions (780-799)	310	56	91	310	81	69	48	55	41	32	19	9	7	5	n/a	n/a
All other diseases (Residual)	320	612	1092	1014	882	741	685	580	426	377	227	82	94	23	n/a	n/a
Motor vehicle accidents (E810-E825)	330	87	156	153	131	122	100	102	70	51	43	23	19	3	n/a	n/a
All other accidents and adverse effects (E800-E807,E826-E949)	340	120	197	163	146	134	141	122	79	81	58	23	23	5	n/a	n/a
Suicide (E950-E959)	350	70	136	92	107	99	68	79	70	51	32	15	15	7	n/a	n/a
Homicide and legal intervention (E960-E978)	360	36	89	73	54	53	41	51	25	18	18	13	10	3	n/a	n/a
All other external causes (E980-E999)	370	10	15	18	6	9	3	12	3	5	3	2	2	0	n/a	n/a

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
No cause of death data is available	n/a	1	3	3	1	6	0	5	1	4	2	2	0	2	0	0
Salmonella infections (A01-A02)	001	0	0	2	0	0	1	0	0	1	0	0	0	1	0	0
Shigellosis and amebiasis (A03,A06)	002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04,A07-A09)	003	2	3	3	6	4	7	8	2	7	3	3	1	1	3	1
Respiratory tuberculosis (A16)	005	4	2	7	9	6	3	3	0	2	2	2	2	2	0	0
Other tuberculosis (A17-A19)	006	2	2	5	0	0	1	2	1	2	0	0	0	0	0	0
Whooping cough (A37)	007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	009	0	0	0	1	0	0	1	1	0	0	1	2	0	0	0
Septicemia (A40-A41)	010	92	158	147	140	126	116	123	74	89	66	33	37	31	30	24
Syphilis (A50-A53)	011	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0
Measles (B05)	014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	015	9	26	24	28	19	19	20	12	16	9	8	13	5	6	6
Human immunodeficiency virus (HIV) disease (B20-B24)	016	75	125	128	115	122	104	97	60	59	38	24	30	23	17	11
Malaria (B50-B54)	017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspec. Infectious and parasitic diseases and their sequelae (A00, A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1, A85.8,A86-B04,B06-B09,B25-B49,B55-B99)	018	26	55	49	31	27	26	26	22	28	22	9	12	6	5	4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	020	24	58	61	35	46	34	34	25	26	18	13	13	9	7	2
Malignant neoplasm of esophagus (C15)	021	46	88	89	70	69	64	58	47	50	30	15	23	16	14	10
Malignant neoplasm of stomach (C16)	022	46	79	96	86	77	62	70	50	46	48	17	28	24	21	10
Malignant neoplasms of colon, rectum and anus (C18-C21)	023	225	449	373	354	322	286	297	224	220	143	73	100	86	48	32
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	024	48	71	76	67	55	62	57	48	40	40	11	24	15	23	7
Malignant neoplasm of pancreas (C25)	025	109	211	182	184	177	157	138	124	143	66	40	58	49	35	25
Malignant neoplasm of larynx (C32)	026	19	20	29	27	21	15	20	8	13	13	9	5	5	4	2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	027	614	1123	1058	939	870	813	736	581	607	444	175	277	203	184	107
Malignant melanoma of skin (C43)	028	27	42	45	37	48	49	36	28	23	13	9	13	9	8	6
Malignant neoplasm of breast (C50)	029	159	340	278	289	247	222	220	187	153	114	67	86	63	47	39

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.



**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Malignant neoplasm of cervix uteri (C53)	030	17	38	29	23	29	27	26	20	15	7	8	8	5	2	2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	031	26	51	57	32	44	34	26	32	20	12	15	10	11	6	4
Malignant neoplasm of ovary (C56)	032	51	96	91	73	88	67	74	54	51	40	23	29	25	15	5
Malignant neoplasm of prostate (C61)	033	139	271	259	198	174	152	152	121	120	89	35	71	40	35	15
Malignant neoplasms of kidney and renal pelvis (C64-C65)	034	52	83	83	69	62	53	48	50	48	30	24	27	13	12	9
Malignant neoplasm of bladder (C67)	035	46	83	73	51	55	61	48	35	46	33	25	26	22	11	8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	036	53	82	86	65	80	72	81	44	53	33	15	14	17	14	7
Hodgkin's disease (C81)	038	8	11	1	8	6	10	2	2	9	2	1	5	4	5	2
Non-Hodgkin's lymphoma (C82-C85)	039	79	161	153	129	136	134	137	81	81	78	46	45	24	23	16
Leukemia (C91-C95)	040	82	148	141	109	122	111	93	78	75	47	42	42	39	31	22
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	041	30	74	74	58	53	55	58	40	44	30	20	20	18	15	10
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	042	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1
All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41, C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)	043	234	429	382	384	359	307	288	257	215	153	93	113	92	52	45
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	044	31	68	74	67	41	46	39	33	41	39	12	19	12	17	8
Anemias (D50-D64)	045	13	36	29	24	17	30	15	19	12	9	5	2	9	2	5
Diabetes mellitus (E10-E14)	046	231	436	384	362	351	324	313	270	255	192	112	139	112	64	54
Malnutrition (E40-E46)	048	12	19	19	29	18	18	10	7	10	7	2	9	5	4	1
Other nutritional deficiencies (E50-E64)	049	0	2	0	1	2	1	0	0	2	0	0	1	1	0	0
Meningitis (G00,G03)	050	4	6	1	2	2	6	2	4	3	2	2	0	0	1	0
Parkinson's disease (G20-G21)	051	34	71	78	55	53	57	53	47	46	28	15	25	16	10	7

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Alzheimer's disease (G30)	052	82	159	168	137	133	144	139	96	106	79	38	37	26	26	24
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	055	20	45	30	24	27	21	26	12	15	13	3	5	3	1	3
Hypertensive heart disease (I11)	056	112	202	128	128	146	120	118	110	94	83	34	46	34	27	19
Hypertensive heart and renal disease (I13)	057	11	21	17	16	18	19	20	6	10	7	4	5	5	3	0
Acute myocardial infarction (I21-I22)	059	886	1594	1495	1287	1196	1091	946	726	682	511	255	345	248	167	129
Other acute ischemic heart diseases (I24)	060	7	34	24	26	27	13	20	21	9	3	3	7	4	2	1
Atherosclerotic cardiovascular disease, so described (I25.0)	062	277	434	448	368	351	298	306	235	217	154	77	103	104	60	35
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	063	931	1708	1618	1438	1311	1161	1199	872	836	590	336	383	310	214	142
Acute and subacute endocarditis (I33)	065	2	7	2	3	3	5	6	2	8	2	2	2	2	1	1
Diseases of pericardium and acute myocarditis (I30-I31,I40)	066	4	6	5	4	4	10	4	1	1	0	0	0	0	2	0
Heart failure (I50)	067	171	320	317	275	252	224	229	172	156	114	56	100	59	54	33
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	068	386	745	705	587	561	501	493	401	365	275	147	184	141	107	72
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	069	45	109	86	86	80	64	75	56	64	50	19	30	30	16	15
Cerebrovascular diseases (I60-I69)	070	598	1048	1011	925	866	751	736	503	529	396	196	286	189	136	90
Atherosclerosis (I70)	071	72	88	75	77	65	69	55	40	25	31	19	22	8	12	6
Aortic aneurysm and dissection (I71)	073	60	132	104	92	75	66	79	51	68	48	33	26	19	18	13
Other diseases of arteries, arterioles and capillaries (I72-I78)	074	37	81	58	57	39	36	58	40	31	23	12	19	14	7	8
Other disorders of circulatory system (I80-I99)	075	22	30	33	25	27	21	26	12	12	9	4	9	5	4	4
Influenza (J10-J11)	077	4	6	12	3	4	6	2	1	3	3	0	0	2	0	1
Pneumonia (J12-J18)	078	260	499	447	399	348	333	306	230	213	161	77	96	59	34	22
Acute bronchitis and bronchiolitis (J20-J21)	080	2	4	2	4	2	1	4	2	1	1	1	0	0	0	0
Unspecified acute lower respiratory infection (J22)	081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronchitis, chronic and unspecified (J40-J42)	083	13	20	17	13	12	10	7	13	4	7	1	4	2	2	0

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Emphysema (J43)	084	72	109	132	90	88	83	72	58	56	50	21	30	22	16	11
Asthma (J45-J46)	085	18	43	32	30	26	36	35	22	20	14	8	3	5	1	2
Other chronic lower respiratory diseases (J44,J47)	086	282	587	548	457	447	390	400	312	302	235	127	156	127	78	68
Pneumoconioses and chemical effects (J60-J66,J68)	087	3	10	11	7	7	5	3	8	4	3	2	2	0	1	1
Pneumonitis due to solids and liquids (J69)	088	42	85	66	73	61	57	49	41	35	26	16	30	22	11	8
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)	089	63	148	116	136	98	92	96	82	84	57	29	48	38	29	13
Peptic ulcer (K25-K28)	090	23	46	39	28	31	30	17	13	10	17	12	5	4	1	2
Diseases of appendix (K35-K38)	091	0	2	4	0	2	0	1	0	2	2	1	1	0	0	0
Hernia (K40-K46)	092	4	8	13	7	11	3	6	7	3	4	1	2	0	0	2
Alcoholic liver disease (K70)	094	48	67	72	73	46	51	71	31	47	39	13	31	22	12	10
Other chronic liver disease and cirrhosis (K73-K74)	095	50	83	108	78	68	59	67	46	48	36	13	25	22	12	15
Cholelithiasis and other disorders of gallbladder (K80-K82)	096	11	27	19	24	22	17	14	13	11	8	7	6	5	2	3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)	098	0	6	2	1	0	0	1	0	0	0	1	1	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03,N05-N07,N26)	099	5	11	6	10	9	4	8	3	1	2	1	1	0	0	0
Renal failure (N17-N19)	100	104	196	150	163	133	158	123	94	107	63	39	56	40	46	32
Other disorders of kidney (N25,N27)	101	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12,N13.6,N15.1)	102	3	11	5	4	3	3	4	3	2	3	1	1	1	1	0
Hyperplasia of prostate (N40)	103	0	3	2	2	2	2	1	0	3	2	1	1	1	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	104	0	1	0	2	0	1	0	1	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	106	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	107	0	0	0	0	2	1	2	1	1	1	1	0	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	108	2	1	1	3	1	0	0	1	2	0	0	2	0	0	0

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	109	14	24	25	18	25	30	21	18	15	13	4	7	6	2	8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	110	80	140	129	133	107	81	96	76	68	52	20	41	23	27	15
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)	111	555	1052	1030	852	801	775	687	578	561	366	180	260	209	140	101
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	114	120	210	208	178	167	154	145	110	99	84	54	80	42	47	27
Other land transport accidents (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)	115	1	5	5	3	3	2	4	4	5	2	4	3	3	1	1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	116	4	10	10	9	11	8	13	6	14	6	1	4	1	1	2
Falls (W00-W19)	118	52	94	86	66	55	67	69	51	43	29	18	18	25	12	10
Accidental discharge of firearms (W32-W34)	119	4	5	2	2	4	2	5	3	2	3	0	1	0	2	0
Accidental drowning and submersion (W65-W74)	120	10	10	11	13	8	12	8	13	6	12	3	3	1	5	5
Accidental exposure to smoke, fire and flames (X00-X09)	121	14	20	18	18	17	17	9	5	8	6	4	4	1	4	0
Accidental poisoning and exposure to noxious substances (X40-X49)	122	24	54	34	40	36	46	29	34	30	26	10	23	21	17	12
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)	123	48	70	75	76	62	74	55	37	44	30	18	24	23	14	11
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	125	61	115	91	68	69	55	55	69	57	40	19	34	22	16	18
Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)	126	30	66	44	69	61	52	56	42	39	25	17	19	12	8	13
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	128	22	62	57	43	39	36	42	23	25	24	19	22	17	11	6
Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)	129	22	39	30	24	21	17	22	15	8	9	5	9	8	6	8

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Legal intervention (Y35,Y89.0)	130	2	1	0	1	2	0	2	0	0	0	0	1	1	0	0
Discharge of firearms, undetermined intent (Y22-Y24)	132	1	0	0	1	2	1	0	1	0	0	0	1	1	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	133	13	23	23	6	13	7	20	7	12	6	4	6	0	1	0
Operations of war and their sequelae (Y36,Y89.1)	134	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84,Y88)	135	11	19	19	16	20	16	15	10	13	4	6	7	4	3	2

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-39 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
No cause of death data is available or an ICD-9 death	n/a	6298	11308	10256	8785	7844	6865	6197	4438	3875	2490	1046	969	273	0	0
Tuberculosis (A16-A19)	001	2	0	1	2	1	0	0	0	2	1	2	1	2	0	0
Syphilis (A50-A53)	002	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Human immunodeficiency virus (HIV) disease (B20-B24)	003	7	8	24	27	28	20	21	19	15	16	16	27	21	17	11
Malignant neoplasm of stomach (C16)	005	9	13	26	16	23	25	27	21	17	24	9	23	22	21	10
Malignant neoplasms of colon, rectum and anus (C18-C21)	006	46	123	125	106	102	98	124	83	119	80	49	79	79	48	32
Malignant neoplasm of pancreas (C25)	007	23	50	50	60	63	62	62	56	72	40	21	43	46	35	25
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	008	158	301	301	296	260	298	298	238	291	239	110	202	186	184	107
Malignant neoplasm of breast (C50)	009	39	83	68	79	78	87	85	85	60	73	43	69	54	47	39
Malignant neoplasms of cervix uteri, corpus uteri and ovary (C53-C56)	010	35	55	57	44	50	42	48	41	54	34	30	38	37	23	11
Malignant neoplasm of prostate (C61)	011	27	70	78	52	53	66	64	55	54	57	22	53	37	35	15
Malignant neoplasms of urinary tract (C64-C68)	012	30	44	53	42	44	46	46	35	54	34	29	43	31	23	17
Non-Hodgkin's lymphoma (C82-C85)	013	19	38	49	51	42	45	42	23	45	41	27	31	23	23	16
Leukemia (C91-C95)	014	17	42	38	38	42	48	35	43	36	25	30	29	35	31	22
Other malignant neoplasms (C00-C15,C17,C22-C24,C26-C32,C37-C49,C51-C52, C57-C60,C62-C63,C69-C81,C88,C90,C96-C97)	015	121	245	252	243	265	241	232	217	231	173	124	162	168	142	92
Diabetes mellitus (E10-E14)	016	64	150	113	129	135	137	157	144	135	115	73	113	102	64	54
Alzheimer's disease (G30)	017	38	96	107	88	83	95	99	73	90	62	36	31	25	26	24
Hypertensive heart disease with or without renal disease (I11,I13)	020	38	54	37	43	63	48	58	52	51	49	23	30	35	30	19
Ischemic heart diseases (I20-I25)	021	480	985	966	913	932	881	1009	786	858	702	415	636	599	443	307
Other diseases of heart (I00-I09,I26-I51)	022	176	333	317	290	301	254	309	277	258	239	134	212	184	165	109
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	023	21	44	32	42	40	28	35	29	36	33	14	20	29	16	15
Cerebrovascular diseases (I60-I69)	024	159	295	325	317	327	280	326	249	287	228	143	228	174	136	90
Atherosclerosis (I70)	025	14	21	21	21	23	26	13	19	14	17	15	17	7	12	6

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.

**NHIS LINKED MORTALITY FILE**  
**Frequencies for selected variables among 'assumed' deceased<sup>1</sup>**

Underlying Cause of Death-39 Groups (ICD-10)	Recode Group	Survey Year														
		1986 <sup>2</sup>	1987	1988	1989	1990	1991	1992 <sup>3</sup>	1993	1994	1995	1996 <sup>2</sup>	1997	1998	1999 <sup>4</sup>	2000 <sup>4</sup>
Other diseases of circulatory system (I71-I78)	026	25	50	43	41	45	43	45	31	52	30	32	35	29	25	21
Influenza and pneumonia (J10-J18)	027	52	126	116	105	128	120	124	88	98	87	45	71	54	34	23
Chronic lower respiratory diseases (J40-J47)	028	110	215	230	194	205	207	209	196	197	174	103	149	145	97	81
Peptic ulcer (K25-K28)	029	11	11	6	8	12	4	1	7	3	8	7	5	3	1	2
Chronic liver disease and cirrhosis (K70,K73-K74)	030	21	41	58	44	43	44	62	29	44	42	11	40	40	24	25
Nephritis, nephrotic syndrome, and nephrosis (N00-N07,N17-N19,N25-N27)	031	30	76	66	84	62	77	75	59	67	43	33	48	38	46	32
Pregnancy, childbirth and the puerperium (O00-O99)	032	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0
Certain conditions originating in the perinatal period (P00-P96)	033	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	034	1	5	3	9	7	6	7	4	5	6	4	5	4	2	8
Sudden infant death syndrome (R95)	035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome) (R00-R94,R96-R99)	036	24	49	44	52	38	33	41	35	36	33	11	34	18	27	15
All other diseases (Residual) (A00-A09,A20-A49,A54-B19,B25-B99,D00-E07,E15-G25,G31-H93,I80-J06,J20-J39,J60-K22,K29-K66,K71-K72,K75-M99,N10-N15,N20-N23,N28-N98)	037	281	635	618	546	549	575	560	512	554	414	239	372	344	266	188
Motor vehicle accidents (V02-V04,V09.0,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	038	33	54	55	47	45	54	43	40	48	41	31	61	39	47	27
All other and unspecified accidents and adverse effects (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-X59,Y40-Y86,Y88)	039	48	90	97	97	82	103	85	84	84	60	41	64	74	59	43
Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	040	21	45	43	30	31	39	32	41	45	33	21	38	27	24	31
Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	041	9	13	14	14	9	12	13	13	15	15	11	22	22	17	14
All other external causes (Y10-Y36,Y87.2,Y89)	042	5	8	6	1	6	5	10	6	7	3	2	5	2	1	0

<sup>1</sup>The total number of 'assumed' deaths is equal to the total number of records that have a value of '1' (assumed deceased) for the variable MORTSTAT.

<sup>2</sup>The 1986 and 1996 NHIS was fielded with a one-half sample.

<sup>3</sup>In 1992 the NHIS oversampled Hispanics yielding about 7,000 more persons in the survey than in other years.

<sup>4</sup>(not applicable) 1999 and 2000 NHIS respondents are only coded as ICD-10.