

December 15, 2003

**Documentation for the Patient Entitlement and Diagnosis Summary File**

FILENAME: pedsf.cancer.txt  
LRECL: 1810  
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ABSTRACT: The PEDSF file contains one record per person for individuals in the SEER Program data base who have been matched with Medicare enrollment records. Of persons who were reported by the SEER Registries to have been diagnosed with cancer at age 65 or older, 94 percent were matched with Medicare enrollment records. For persons appearing in the PEDSF file, basic SEER Program diagnostic information is available for up to 10 diagnosed cancer occurrences. Data also include Medicare entitlement and utilization data from 1986-2001. Geographically based socioeconomic information from the U.S. Census Bureau has also been included using Census 1990 and Census 2000.

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**NOTE:** PEDSF includes SEER cases from Los Angeles and San Jose from 1988 thru 1999, although these registries did not become part of the SEER program until 1992. Cases diagnosed prior to 1992 do not contain stage data. The LA and SJ registries have allowed the release of the data prior to 1992 but have indicated that, 'Cancer incidence data prior to 1992 have been collected under Subcontract 050C-8709 through 050I-8709 with the Public Health Institute. The subcontract is supported by the California Department of Health Services as part of its statewide cancer reporting program, mandated by Health and Safety Code Section 103875 and 103885. The ideas and opinions expressed from using these data are those of the author, and no endorsement of the State of California, Department of Health Services or the Public Health Foundation is intended or should be inferred.'

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
<u>Record Information</u>				
1	Registry/Case (seer_id)	10	Master File	
	SEER registry	2		'01' = San Francisco '02' = Connecticut '20' = Detroit '21' = Hawaii '22' = Iowa '23' = New Mexico '25' = Seattle '26' = Utah '27' = Atlanta '31' = San Jose '35' = Los Angeles '37' = Rural Georgia
	Case #	8		Assigned case #
11	Five Pct Indicator (fivepct)	1	Master File	Indicates inclusion in 5% Medicare sample. 'Y' - Included 'N' - Not included
12	Match Type (mat_type)	1	Match File	HCFA's matching algorithm is available at IMS. 'A' - Alphabetic Match 'B' - SSN Match
13	Match Flag 1 (yobflg1)	1	Match File	Year of Birth flag for SSN and Alpha Match. 'Y' - Agreement between SEER and Medicare 'N' - Did not Agree '0' (Zero) - Cases Matched on SSN 'U' - Unknown, Missing data
14	Match Flag 2 (dobflg2)	1	Match File	Day of Birth Match for SSN and Alpha Match. (See Match Flag 1 for code definition)
15	Match Flag 3 (yodflg3)	1	Match File	Month and Year of Death for Alpha Match. (See Match Flag 1 for code definition)
16	Match Flag 4 (sexflg4)	1	Match File	Sex Flag for SSN and Alpha Match. (See Match Flag 1 for code definition)
17	Match Flag 5 (lstflg5)	1	Match File	Last Name Flag for SSN Match. (See Match Flag 1 for code definition)
18	Match Flag 6 (fstflg6)	1	Match File	First Name Flag for SSN Match. (See Match Flag 1 for code definition)
19	Match Flag 7 (modflg7)	1	Match File	Month of Birth Flag for SSN Match. (See Match Flag 1 for code definition)

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
20	Match Flag 8 <b>(midflg8)</b>	1	Match File	Middle Initial Flag for Alpha Match. (See Match Flag 1 for code definition)
21	Number of digits in SSN that matched <b>(numdigit)</b>	1	Match File	Alpha search only. 0-8 9 = ssn match U = Unknown; data missing A = digits transposed and matched
22	Date of Death Flag <b>(dod_flg)</b>	1		Shows the level of agreement between SEER and MEDICARE on the patient's month of death. Dates of death after 12/00 were treated as 'not dead' for comparison purposes. '0' - Not dead by 12/00 '1' - Dead, both files agree. '2' - Dead, off by 1-3 months. '3' - Dead, off by 4-6 months. '4' - Dead in MEDICARE only. '5' - Dead in SEER only. '6' - Dead but number of months could not be calculated due to the fact that month was missing for either SEER or MEDICARE.
<u>Demographic Information I</u>				
23	Medicare Date of Death <b>(med_dodm, med_dodd, med_dody)</b>	8	EDB	MMDDYYYY or zeroes for not dead. Updated as of 12/02. Reported to HCFA by SSA - not date of last contact.
31	Medicare Month of Birth <b>(birthm)</b>	2	EDB	MM, zeroes for invalid
35	Medicare Year of Birth <b>(birthyr)</b>	4	EDB	YYYY, zeroes for invalid
39	Sex <b>(m_sex)</b>	1	EDB	'1' - Male '2' - Female
40	Race <b>(Race)</b>	1	EDB	'1' - White '2' - Black '3' - Other '4' - Asian '5' - Hispanic '6' - N. Am. Native '0' - Unknown

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
<u>Entitlement Information</u>				
41	Orig. Reason for Ent. <b>(rsncd1)</b>	1	EDB	'0' - OASI (age) '1' - DIB (disability) '2' - ESRD '3' - DIB/ESRD This is the first Entitlement Reason located on EDB.
*42	Current Reason for Ent. <b>(cur_ent)</b>	1	EDB	Blank = Not Enrolled '0' - OASI (age) '1' - DIB (disability) '2' - ESRD '3' - DIB/ESRD
#43	Chronic Renal Disease <b>(chr_esrd)</b>	1	EDB	'0' - no ESRD 'Y' - Source of ESRD
*44	Medicare Status Code <b>(med_stcd)</b>	2	EDB	Blank = Not Enrolled '10' - Aged '11' - Aged with ESRD '20' - Disabled '21' - Disabled with ESRD '31' - ESRD only

\* Variables are determined by the first diagnosis date at age 65 or older, or the last diagnosis if all are prior to turning age 65. If information not available at those times then the first available data is used.

# Variable is set to zero. If there is a start date before the diagnosis date at age 65 or older, or the last diagnosis if all are prior to turning age 65 then it is set to Y.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
<u>Repeated Entitlement Information</u>				
46	Entitlement indic. <b>(mon1-mon204)</b>	12	EDB	One indicator for each month in the year. Each monthly indicator is formatted: '0' - not entitled '1' - Part A only '2' - Part B only '3' - Part A and B
58	HMO indicators <b>(gho1-gho204)</b>	12	EDB	One indicator for each month in the year. Formatted: '0' - not member of HMO '1' - Non-Lock-in, HCFA to process provider claims '2' - Non Lock-in, GHO to process in-plan Part A & in-area Part B claims 'A' - Lock-in, HCFA to process provider claims 'B' - Lock-in, GHO to process in-plan Part A & in-area Part B claims 'C' - Lock-in, GHO to process all Part A and Part B claims
70	Part A Months <b>(ptacnt1986-ptacnt2002)</b>	2	EDB	Number of months in 1986 covered for part A (00-12).
72	Part B Months <b>(ptbcnt1986-ptbcnt2002)</b>	2	EDB	Number of months in 1986 covered for part B (00-12).
74	HMO Months <b>(hmocnt1986-hmocnt2002)</b>	2	EDB	Number of months in 1986 as an HMO member (00-12).
76	SBI Months <b>(stbuy1986-stbuy2002)</b>	2	EDB	Number of months in 1986 with state buy-in coverage (00-12).

Columns 46-77 (32 columns total) are repeated 17 times - once for each year in 1986 thru 2002.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
<u>Geographic Information</u>				
SEER Program data are from the SEER record corresponding to the first diagnosis of cancer at age 65 or over. Zip codes are from Medicare enrollment file in the year of first diagnosis at age 65 or over or the last diagnosis if never 65. Census data was extracted from the 1990 (cen90) and 2000 (cen00) census data files for both census tract level information and zip code level information.				
590	State ( <b>state</b> )	2	SEER	FIPS state code
592	County ( <b>county</b> )	3	SEER	FIPS county code
*595	Zip Code ( <b>zip</b> )	9	EDB	zip code
*604	Census Tract ( <b>tract</b> )	6	SEER	
610	HSA ( <b>hsa</b> )	3	ARF	Health Service Area. Taken from the 2002 Area Resource File (ARF).
613	Urban/Rural code ( <b>urbrur</b> )	1	ARF	Urban/Rural Code '1' = 'Big Metro' '2' = 'Metro' '3' = 'Urban' '4' = 'Less Urban' '5' = 'Rural'
614	Census Tract PCI ( <b>ctpci90</b> )	10	cen90	Per Capita Income for census tract based on the 1990 Census Bureau survey.
624	Census Tract Median Income ( <b>ctmed90</b> )	10	cen90	Median Income for census tract based on the 1990 Census Bureau survey.
634	Census Tract Density ( <b>ctden90</b> )	10	cen90	Total pop / Total land area. Based on the 1990 Census Bureau survey.
644	Census Tract % Non HS ( <b>ctnon90</b> )	6.2	cen90	Percent of persons 25+ with <12 year education.
650	Census Tract % HS only ( <b>cthso90</b> )	6.2	cen90	Percent of persons 25+ with A high school education only.
656	Census Tract % Some College ( <b>ctsc190</b> )	6.2	cen90	Percent of persons 25+ with Some college education.
662	Census Tract % College ( <b>ctcol90</b> )	6.2	cen90	Percent of persons 25+ with At least 4 years college education.
668	Census Tract % Black ( <b>ctblk90</b> )	6.2	cen90	Black pop / Total pop.
674	Census Tract % White ( <b>ctwht90</b> )	6.2	cen90	White pop / Total pop.
680	Census Tract % Hispanic ( <b>cthsp90</b> )	6.2	cen90	Hispanic pop / Total pop.
686	Census Tract % below poverty level ( <b>ctpov90</b> )	6.2	cen90	Percent of tract residents Living below the poverty level.

\*Special permission required for release

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
692	Census Tract % Hhs Speaking English not well or not at all <b>(cten590)</b>	6.2	cen90	Speaking English not well or not at all age 5+
698	Census Tract % Hhs Speaking English not well or not at all 65+ <b>(cten690)</b>	6.2	cen90	Speaking English not well or not at all age 65+
704	Census Tract Median Income by Age <b>(medag90)</b>	10	cen90	Median HH Income by Age. Census 1990 data not available
714	Census Tract Median Income by Race <b>(medrc90)</b>	10	cen90	Median HH Income by Race. Census 1990 data not available
724	Census Tract % Poverty by Race and Age <b>(povrc90)</b>	6.2	cen90	Percent of the tracts residents living below poverty level (Race and age specific <65, 65-74, 75+)
730	Census Tract % Non HS by Race <b>(nonrc90)</b>	6.2	cen90	Percent persons age 25+ with <12 years education. (Race specific)
736	Census Tract % HS Only by Race <b>(hsorc90)</b>	6.2	cen90	Percent persons age 25+ with a high school diploma. (Race specific)
742	Census Tract % Some College by Race <b>(sclrc90)</b>	6.2	cen90	Percent persons age 25+ with some college education. (Race specific)
748	Census Tract % College by Race <b>(colrc90)</b>	6.2	cen90	Percent persons age 25+ with at least 4 years of college education. (Race specific)
754	Zip Code PCI <b>(zppci90)</b>	10	cen90	Per Capita Income for Zip code.
764	Zip Code Median Income <b>(zpmcd90)</b>	10	cen90	Median HH Income for Zip Code.
774	Zip Code Density <b>(zpdn90)</b>	10	cen90	Not Available in Census 1990 Data.
784	Zip Code % Non HS <b>(zpnnon90)</b>	6.2	cen90	Percent persons 25+ with <12 year education.
790	Zip Code % HS only <b>(zphso90)</b>	6.2	cen90	Percent persons 25+ with a high school diploma only.
796	Zip Code % Some College <b>(zpsc190)</b>	6.2	cen90	Percent persons 25+ with some college education.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
802	Zip Code % College <b>(zpcol90)</b>	6.2	cen90	Percent persons 25+ with at least 4 years of college.
808	Zip Code % Black <b>(zpbk90)</b>	6.2	cen90	Black pop / Total pop.
814	Zip Code % White <b>(zpwht90)</b>	6.2	cen90	White pop / Total pop.
820	Zip Code % Hispanic <b>(zphsp90)</b>	6.2	cen90	Hispanic pop / Total pop.
826	Zip Code % Not Speaking English Well 5+ <b>(zpen590)</b>	6.2	cen90	Percentage of HH 5+ not speaking English well or not at all.
832	Zip Code % Not Speaking English Well 65+ <b>(zpen690)</b>	6.2	cen90	Percentage of HH 65+ not speaking English well or not at all.
838	Zip Code % Non HS by Race <b>(znonrc90)</b>	6.2	cen90	Percent persons age 25+ with <12 years education. (Race specific)
844	Zip Code % HS Only by Race <b>(zhsorc90)</b>	6.2	cen90	Percent persons age 25+ with a high school diploma. (Race specific)
850	Zip Code % Some College by Race <b>(zsc1rc90)</b>	6.2	cen90	Percent persons age 25+ with some college education. (Race specific)
856	Zip Code % College by Race <b>(zcolrc90)</b>	6.2	cen90	Percent persons age 25+ with at least 4 years of college education. (Race specific)
862	Census Tract PCI <b>(ctpci00)</b>	10	cen00	Per Capita Income for census tract based on the 2000 Census Bureau survey.
872	Census Tract Median Income <b>(ctmed00)</b>	10	cen00	Median Income for census tract based on the 2000 Census Bureau survey.
882	Census Tract Density <b>(ctden00)</b>	10	cen00	Total pop / Total land area. Based on the 2000 Census Bureau survey.
892	Census Tract % Non HS <b>(ctnon00)</b>	6.2	cen00	Percent of persons 25+ with <12 year education.
898	Census Tract % HS only <b>(cthso00)</b>	6.2	cen00	Percent of persons 25+ with A high school education only.
904	Census Tract % Some College <b>(ctsc100)</b>	6.2	cen00	Percent of persons 25+ with Some college education.
910	Census Tract % College <b>(ctcol100)</b>	6.2	cen00	Percent of persons 25+ with At least 4 years college education.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
916	Census Tract % Black <b>(ctblk00)</b>	6.2	cen00	Black pop / Total pop.
922	Census Tract % White <b>(ctwht00)</b>	6.2	cen00	White pop / Total pop.
928	Census Tract % Hispanic <b>(cthsp00)</b>	6.2	cen00	Hispanic pop / Total pop.
934	Census Tract % below poverty level <b>(ctpov00)</b>	6.2	cen00	Percent of tract residents Living below the poverty level.
940	Census Tract % HH Speaking English not well or not at all <b>(cten500)</b>	6.2	cen00	Speaking English not well or not at all age 5+
946	Census Tract % HH Speaking English not well or not at all 65+ <b>(cten600)</b>	6.2	cen00	Speaking English not well or not at all age 65+
952	Census Tract Median Income by Age <b>(medag00)</b>	10	cen00	Median HH Income by Age. (Age categories <25, 25-34, 35-44, 45-54, 55-64, 65-74, 75+)
962	Census Tract Median Income by Race <b>(medrc00)</b>	10	cen00	Median HH Income by Race.
972	Census Tract % Poverty by Race and Age <b>(povrc00)</b>	6.2	cen00	Percent of the tracts residents living below poverty level (Race and Age specific <65, 65-74, 75+)
978	Census Tract % Non HS by Race <b>(nonrc00)</b>	6.2	cen00	Percent persons age 25+ with <12 years education. (Race specific)
984	Census Tract % HS Only by Race <b>(hsorc00)</b>	6.2	cen00	Percent persons age 25+ with a high school diploma. (Race specific)
990	Census Tract % Some College by Race <b>(sclrc00)</b>	6.2	cen00	Percent persons age 25+ with some college education. (Race specific)
996	Census Tract % College by Race <b>(colrc00)</b>	6.2	cen00	Percent persons age 25+ with at least 4 years of college education. (Race specific)

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
1002	Zip Code PCI <b>(zppci00)</b>	10	cen00	Per Capita Income for Zip code.
1012	Zip Code Median Income <b>(zpmmed00)</b>	10	cen00	Median HH Income for Zip Code.
1022	Zip Code Density <b>(zpdn00)</b>	10	cen00	Total pop / Total land area.
1032	Zip Code % Non HS <b>(zpnnon00)</b>	6.2	cen00	Percent persons 25+ with <12 year education.
1038	Zip Code % HS only <b>(zphso00)</b>	6.2	cen00	Percent persons 25+ with a high school diploma only.
1044	Zip Code % Some College <b>(zpsc100)</b>	6.2	cen00	Percent persons 25+ with some college education.
1050	Zip Code % College <b>(zpcol100)</b>	6.2	cen00	Percent persons 25+ with at least 4 years of college.
1056	Zip Code % Black <b>(zpb1k00)</b>	6.2	cen00	Black pop / Total pop.
1062	Zip Code % White <b>(zpwht00)</b>	6.2	cen00	White pop / Total pop.
1068	Zip Code % Hispanic <b>(zphsp00)</b>	6.2	cen00	Hispanic pop / Total pop.
1074	Zip Code % Not Speaking English Well 5+ <b>(zpen500)</b>	6.2	cen00	Percentage of HH 5+ not speaking English well or not at all.
1080	Zip Code % Not Speaking English Well 65+ <b>(zpen600)</b>	6.2	cen00	Percentage of HH 65+ not speaking English well or not at all.
1086	Zip Code % Non HS by Race <b>(znonrc00)</b>	6.2	cen00	Percent persons age 25+ with <12 years education. (Race specific)
1092	Zip Code % HS Only by Race <b>(zhsorc00)</b>	6.2	cen00	Percent persons age 25+ with a high school diploma. (Race specific)
1098	Zip Code % Some College by Race <b>(zsc1rc00)</b>	6.2	cen00	Percent persons age 25+ with some college education. (Race specific)
1104	Zip Code % College by Race <b>(zcolrc00)</b>	6.2	cen00	Percent persons age 25+ with at least 4 years of college education. (Race specific)

If there was no valid Zip Code reported in the Medicare file, zip code variables were left blank. If a zip code was reported in the Medicare file but not found in census data, the variables were 8-filled. Likewise if the area was not tracted (i.e., blank in the SEER record), census variables were left blank. If an invalid tract (i.e., '000000', '999999', '099999') was reported in SEER, the variables were 9-filled. If a tract was reported in SEER but not found in the census data the variables were 8-filled.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
<u>Demographic Information II</u>				
The following information comes from the SEER record corresponding to the first diagnosis at age 65 or over, or the latest diagnosis if all are prior to turning age 65. Survival data is good through 12/99.				
1110	Sex <b>(s_sex)</b>	1	SEER	'1' - Male '2' - Female '9' - Not Stated
1111	Race <b>(rac_recb)</b>	2	SEER	Race Recode B from SEER '01','10','11' - White '01' - Caucasian '02' - Black '03' - American Indian '04' - Chinese '05' - Japanese '06' - Filipino '07' - Hawaiian '08' - Other '09' - Unknown '10' - Puerto Rican '11' - Caucasian Hispanic
1113	ICD Code - Cause of Death <b>(icd_code)</b>	1	SEER	'0' - Patient is alive at last follow-up. '1' - Tenth ICD revision '8' - Eighth ICD revision '9' - Ninth ICD revision
1114	Cause of Death ICD-8 or 9 <b>(cod89v)</b>	4	SEER	0020-9999 0000 - Alive at last contact 7777 - State Death Certificate not available. 7797 - Death Cert. available, no COD listed.
1118	Cause of Death ICD-10 <b>(cod10v)</b>	4	SEER	A020-Y891 0000 - Alive at last contact 7777 - State Death Certificate not available. 7797 - Death Cert. available, no COD listed.
1122	SEER Date of Death <b>(ser_dodm, ser_dody)</b>	6	SEER	MMYYYY or zeroes
1128	SEER Age at Diagnosis <b>(age_dx)</b>	3	SEER	Age at diagnosis
1131	SEER Race/Ethnicity <b>(srace)</b>	2	SEER	'01' - White '02' - Black '03' - American Indian, Aleutian Islander or Eskimo '04' - Chinese '05' - Japanese '06' - Filipino '07' - Hawaiian '08' - Korean '09' - Asian Indian, Pakistani '10' - Vietnamese '11' - Laotian '12' - Hmong '13' - Kampuchean '14' - Thai (1994+) '20' - Micronesian, NOS (1991+) '21' - Chamorran (1991+) '22' - Guamanian, NOS (1991+)

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
				'25' - Polynesian,NOS (1991+)
				'26' - Tahitian (1991+)
				'27' - Samoan (1991+)
				'28' - Tongan(1991+)
				'30' - Melanesian,NOS (1991+)
				'31' - Fiji Islander (1991+)
				'32' - New Guinean (1991+)
				'96' - Other Asian (1991+)
				'97' - Pacific Islander, NOS (1991+)
				'98' - Other
				'99' - Unknown
1133	SEER Hispanic Surname <b>(origin)</b>	1	SEER	'0' - Non-Spanish
				'1' - Mexican (1988+)
				'2' - Puerto Rican (1988 +)
				'3' - Cuban (1988+)
				'4' - South or Central American except Brazil (1988+)
				'5' - Other Spanish including European (1988+)
				'6' - Spanish, NOS
				'7' - Spanish surname only (1994+)
				'9' - Unknown
1134	First diagnosis date at age 65 or older <b>(dx65m, dx65y)</b>	6	SEER	MMYYYY MM=13 - Unknown
1140	Diagnosis indicator <b>(resnrec)</b>	1	SEER	'0' - Last Dx; Patient always less than 65.
				'1' - First Dx at age 65 or later.
The following information comes from the patient's SEER record with the lowest sequence number, regardless of age at diagnosis.				
1141	Age at first diagnosis <b>(age1dx)</b>	3	1st SEER	000-150, 999 for unknown.
1144	Over 65 flag <b>(seq1ov65)</b>	1	1st SEER	Shows whether patient was 65 or older at 1st cancer diagno- sis. 'Y' - yes 'N' - no
1145	Multiple Site Indic. <b>(multisite)</b>	1	1st SEER	Shows if first cancer diag- nosed in SEER was actually the patient's first cancer. '0' - First Insitu, no invasives '1' - First Invasive '9' - Second or subsequent, or insitu when the patient also has an invasive.
1146	1st Cancer Seq. Number <b>(seq1dx)</b>	2	1st SEER	

**NOTE:** There are a limited number of cases where the first cancer sequence number is '01' (meaning the patients first cancer diagnosis) and the multiple site indicator is '9'. This will occur for a patient with multiple cancer diagnoses whose first primary diagnosis is insitu and whose second or subsequent primary diagnosis is invasive.

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
1148	Vital Status Recode <b>(stat_rec)</b>	1	SEER	Study Cutoff used (12/99) '1' = 'Alive' '4' = 'Dead'
1149	Year of Birth <b>(yr_brth)</b>	4	SEER	Year of Birth
1153	Place of Birth <b>(plc_brth)</b>	3	SEER	See attachment
1156	Number of SEER records <b>(count)</b>	2		
1158	Number of Primaries <b>(numprims)</b>	2	SEER	00-98
<u>Repeated SEER data</u>				
1160	Sequence Number <b>(seq1-seq10)</b>	2	SEER	00-97, 98, 99 00 - 'One primary only' 01 - 'First of 2 or more primaries' 02 - 'Second of 2 or more primaries' ... 98 - 'Cervix carcinoma in situ after 1/1/96' 99 - 'Unspecified sequence #'
1162	Site (ICD-0-2) <b>(site1-site10)</b>	3	SEER	000-809 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/codeman.pdf">http://www.seer.cancer.gov/manuals/codeman.pdf</a> ) for definitions.
1165	Site Recode <b>(siter1-siter10)</b>	2	SEER	1-99 (see attachment)
1167	Histology (ICD-0-2) <b>(hist1-hist10)</b>	4	SEER	8000-9999 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/codeman.pdf">http://www.seer.cancer.gov/manuals/codeman.pdf</a> ) for definitions.
1171	Behavior code (ICD-0-2) <b>(beh1-beh10)</b>	1	SEER	'2' - In situ '3' - Malignant
1172	Month of Diagnosis <b>(modx1-modx10)</b>	2	SEER	01-12, 13 - Unknown
1174	Year of Diagnosis <b>(yrdx1-yrdx10)</b>	4	SEER	73-96
1178	Age at Diagnosis recode <b>(ager1-ager10)</b>	2	SEER	'01' - 00-04 '02' - 05-09 ... '17' - 80-84 '18' - 85+ '99' - Unknown

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COLUMN	FIELD	LENGTH	SOURCE	NOTES
1180	Reporting Source <b>(src1-src10)</b>	1	SEER	'1' - Hospital '3' - Laboratory '4' - Private Doctor '5' - Nursing/Convalescent '6' - Autopsy '7' - Death Certificate
1181	Historic Stage <b>(hstst1-hstst10)</b>	1	SEER	'0' - In Situ '1' - Localized '2' - Regional '4' - Distant '8' - Localized/Regional (coded for prostate cancer 1995+) '9' - Unstaged
1182	Modified AJC Stage <b>(aj1sr1-aj1sr10)</b>	2	SEER	For diagnosis years 1973-87 0 - Stage 0 10-19 - Stage 1 20-29 - Stage 2 30-39 - Stage 3 40-49 - Stage 4 50-99 - Unknown
1184	Modified AJC Stage <b>(aj3sr1-aj3sr10)</b>	2	SEER	For diagnosis years 1988+ 0 - Stage 0 10-19 - Stage 1 20-29 - Stage 2 30-39 - Stage 3 40-49 - Stage 4 50-99 - Unknown
1186	Was cancer-directed Surgery Performed? <b>(nosrg1-nosrg10)</b>	1	SEER	Called 'NO_SURG' in SEER '0'- Cancer directed surgery performed '1'- Cancer directed surgery not recommended '2'- Contraindicated due to other conditions '6'- Unknown '7'- Refused '8'- Recommended, unknown if done '9'- Unknown, death certificate only case
1187	Grade (ICD-0-2) <b>(gradel-gradel10)</b>	1	SEER	'1' - Well differentiated Grade 1 '2' - Moderately differentiated, Grade 2 '3' - Poorly differentiated Grade 3 '4' - Undifferentiated, Grade 4 '5' - T-cell; T-precursor '6' - B-cell; pre-B; B-precursor '7' - Null cell; Non T, Non B '8' - NK cell; Natural Killer cell (1995+) '9' - Unknown

## Documentation for the Patient Entitlement and Diagnosis Summary File

COLUMN	FIELD	LENGTH	SOURCE	NOTES
1188	Diagnostic Confirmation ( <b>dxconf1-dxconf10</b> )	1	SEER	'1' - Positive histology '2' - Positive exfoliative cytology, no positive histology '4' - Positive microscopic confirm, method not specified '5' - Positive lab test/ marker study '6' - Direct visualization without microscopic confirmation '7' - Radiography without microscopic confirm '8' - Clinical diagnosis only '9' - Unknown
1189	Site Specific Surgery ( <b>sssurg1-sssurg10</b> )	2	SEER	00-99 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/AppendD.pdf">http://www.seer.cancer.gov/manuals/AppendD.pdf</a> ) for cancer specific definitions.
1191	Radiation ( <b>rad1-rad10</b> )	1	SEER	'0' - None '1' - Beam radiation '2' - Radioactive implants '3' - Radioisotopes '4' - Combination of 1 with 2 or 3 '5' - Radiation, NOS--method or source not specified '6' - other radiation '7' - Refused '8' - Recommended, unknown if administered '9' - Unknown
1194	Laterality ( <b>lat1-lat10</b> )	1	SEER	'0' - Not a paired site '1' - Right-origin of primary '2' - Left-origin of primary '3' - Only one side - side unspecified '4' - Bilateral, single primary '9' - Paired site, but no information concerning laterality
1195	EOD 4 (Size) ( <b>e4siz1-e4siz10</b> )	2	SEER	00-99 00 - 'No Mass; no tumor found' 01 - 'Microscopic focus or foci only' 02 - <=2 mm 03 - 3 mm ... 09 - 9 mm 10 - 10 mm ... 96 - 96-99 mm 97 - 100+ mm 99 - Not Stated

## Documentation for the Patient Entitlement and Diagnosis Summary File

COLUMN	FIELD	LENGTH	SOURCE	NOTES
1197	EOD 4 (Extent) <b>(e4ext1-e4ext10)</b>	1	SEER	0-9 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) for cancer specific definitions.
1198	EOD 4 (Nodes) <b>(e4nod1-e4nod10)</b>	1	SEER	0-9 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) manuals for cancer specific definitions. 0 - 'No lymph node involvement' 8 - 'Lymph nodes, NOS' 9 - 'Unknown; not stated'
1199	EOD 10 (Size) <b>(e10sz1-e10sz10)</b>	3	SEER	000-999 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) for further definitions. 000 - 'No Mass; no tumor found' 001 - 'Microscopic focus or foci only' 002 - '<=2 mm 003 - 3 mm ... 099 - 99 mm 100 - 100 mm ... 990 - 990+ mm 999 - Not Stated
1202	EOD 10 (Extent) <b>(e10ex1-e10ex10)</b>	2	SEER	00-99 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) for cancer specific definitions.
1204	EOD 10 (Nodes) <b>(e10nd1-e10nd10)</b>	1	SEER	0-9 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) for cancer specific definitions. 0 - 'No lymph node involvement' 8 - 'Lymph nodes, NOS' 9 - 'Unknown; not stated'
1205	EOD 10 (# Pos Nodes) <b>(e10pn1-e10pn10)</b>	2	SEER	00-99 00 - 'All nodes examined negative' 01 - 'One positive lymph node' 02 - 'Two positive lymph nodes' ... 96 - '96 or more nodes positive' 97 - 'Positive nodes but number of positive nodes not specified' 98 - 'No nodes examined' 99 - 'Unknown if nodes are positive or negative; not applicable'

## Documentation for the Patient Entitlement and Diagnosis Summary File

COLUMN	FIELD	LENGTH	SOURCE	NOTES
1207	EOD 10 (# Nodes Exam) <b>(e10ne1-e10ne10)</b>	2	SEER	00-99 Refer to SEER web site 00 - 'No nodes examined' 01 - 'One node examined' 02 - 'Two nodes examined' ... 90 - 'Ninety or more regional lymph nodes examined' 95 - 'No regional lymph node(s) removed, but aspiration of regional lymph node(s) was performed' 96 - 'Regional lymph node removal documented as a sampling and number of lymph nodes unknown/not stated' 97 - 'Regional lymph node removal documented as dissection and number of lymph nodes unknown/not stated' 98 - 'Regional lymph nodes surgically removed but number of lymph nodes unknown/not stated and not documented as sampling or dissection; nodes examined, but number unknown' 99 - 'Unknown if nodes were examined; not applicable or negative'
1209	EOD 10 (Prostate pathology ext 1995+ ) <b>(e10pe1-e10pe10)</b>	2	SEER	00-99 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf">http://www.seer.cancer.gov/manuals/EOD10Dig.3rd.pdf</a> ) for cancer specific definitions.
1211	Marital Status <b>(marst1-marst10)</b>	1	SEER	1 = 'Single' 2 = 'Married' 3 = 'Separated' 4 = 'Divorced' 5 = 'Widowed' 9 = 'Unknown'
1212	Surgery of primary Site (1998+) <b>(sxprim1-sxprim10)</b>	2	SEER	00-99 Refer SEER web site ( <a href="http://www.seer.cancer.gov/manuals/AppendC.pdf">http://www.seer.cancer.gov/manuals/AppendC.pdf</a> ) for cancer specific definitions.
1214	Number of regional lymph nd exam (1998+) <b>(numnd1-numnd10)</b>	2	SEER	00-99 00 - 'No regional lymph nodes examined' 01 - 'One regional lymph node examined' 02 - 'Two regional lymph nodes examined' ... 90 - 'Ninety or more regional lymph nodes examined'

## Documentation for the Patient Entitlement and Diagnosis Summary File

COLUMN	FIELD	LENGTH	SOURCE	NOTES
				95 - 'No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed'
				96 - 'Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated'
				97 - 'Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated'
				98 - 'Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection'
				99 - 'Unknown; not stated; death certificate only'
1216	Scope of regional lymph node surgery (1998+) <b>(sxscop1-sxscop10)</b>	1	SEER	0-9 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/AppendC.pdf">http://www.seer.cancer.gov/manuals/AppendC.pdf</a> ) for cancer specific definitions. 0 - 'No regional lymph nodes removed' 1 - 'Regional lymph node(s) removed, NOS' ... 9 - 'Unknown; not stated; death certificate only'
1217	Surgery of other reg/dist sites (1998+) <b>(sxsitel1-sxsitel10)</b>	1	SEER	0-9 Refer to SEER web site ( <a href="http://www.seer.cancer.gov/manuals/AppendC.pdf">http://www.seer.cancer.gov/manuals/AppendC.pdf</a> ) for cancer specific definitions.
1218	First course of reconstruction (1998+) <b>(recstr1-recstr10)</b>	1	SEER	'0'='No Reconstruction' '1'='Reconstruction, NOS' '2'='Implant; reconstruction without flap' '3'='Reconstruction with flap, NOS' '4'='Latissimus dorsi flap' '5'='Abdominus recti flap' '6'='Flap, NOS plus implant' '7'='Latissimus dorsi flap plus implant' '8'='Abdominus recti flap plus implant' '9'='Unknown'
1219	Tumor Marker 1 <b>(tumor1_1-tumor1_10)</b>	1	SEER	0-6,8,9 ( <a href="http://www.seer.cancer.gov/manuals/codeman.pdf">http://www.seer.cancer.gov/manuals/codeman.pdf</a> )

**Documentation for the Patient Entitlement and Diagnosis Summary File**

COLUMN	FIELD	LENGTH	SOURCE	NOTES
1220	Tumor Marker 2 <b>(tumor2_1-tumor2_10)</b>	1	SEER	0-6,8,9 <a href="http://www.seer.cancer.gov/manuals/codeman.pdf">http://www.seer.cancer.gov/manuals/codeman.pdf</a>
1221	Tumor Marker 3 <b>(tumor3_1-tumor3_10)</b>	1	SEER	0,2, 4-6,8,9 <a href="http://www.seer.cancer.gov/manuals/codeman.pdf">http://www.seer.cancer.gov/manuals/codeman.pdf</a>
1222	First Malignant Primary <b>(frstprm1-frstprm10)</b>	1	SEER	0='No' 1='Yes'
1223	Radiation sequence with surgery <b>(radsurg1-radsurg10)</b>	1	SEER	0='No radiation and/or cancer-directed surgery' 2='Radiation prior to surgery' 3='Radiation after surgery' 4='Radiation before and after surgery' 5='Intraoperative radiation' 6='Intraoperative rad with other rad before/after surgery' 9='Sequence unknown, but both were given'
1224	Radiation to Brain and/or CNS <b>(radbrn1-radbrn10)</b>	1	SEER	0='None' 1='Radiation' 7='Refused' 8='Recommended, unknown if administered' 9='Unknown'
1810	Filler	1		

Columns 1160/1224 (65 total columns) are repeated 10 times. If a patient has n records, the first n occurrences of the above fields are filled with SEER data, sorted by sequence number, and all subsequent occurrences are blank-filled. The value of n can be found in col 1153-1154.

**Documentation for the Patient Entitlement and Diagnosis Summary File**

## SITE RECODE

1-10 = 'Oral cavity and pharynx'  
   1 = ' Lip'  
   2 = ' Tongue'  
   3 = ' Salivary gland'  
   4 = ' Floor of mouth'  
   5 = ' Gum & other mouth'  
   6 = ' Nasopharynx'  
   7 = ' Tonsil'  
   8 = ' Oropharynx'  
   9 = ' Hypopharynx'  
 10 = ' Other oral cavity and pharynx'  
 11-13,15-23,25-27,29-36 = 'Digestive system'  
   11 = ' Esophagus'  
   12 = ' Stomach'  
   13 = ' Small intestine'  
 15-23 = ' Colon exc. rectum'  
   15 = ' Cecum'  
   16 = ' Appendix'  
   17 = ' Ascending colon'  
   18 = ' Hepatic flexure'  
   19 = ' Transverse colon'  
   20 = ' Splenic flexure'  
   21 = ' Descending colon'  
   22 = ' Sigmoid colon'  
   23 = ' Large intestine, NOS'  
 25-26 = ' Rectum & rectosigmoid'  
   25 = ' Rectosigmoid junction'  
   26 = ' Rectum'  
   27 = ' Anus, anal canal & anorectum'  
 29-30 = ' Liver & Intrahepatic bile duct'  
   29 = ' Liver'  
   30 = ' Intrahepatic bile duct'  
   31 = ' Gallbladder'  
   32 = ' Other biliary'  
   33 = ' Pancreas'  
   34 = ' Retroperitoneum'  
   35 = ' Peritoneum, omentum & mesentery'  
   36 = ' Other digestive organs'  
 37-41 = 'Respiratory system'  
   37 = ' Nose, nasal cavity, middle ear'  
   38 = ' Larynx'  
   39 = ' Lung and bronchus'  
   40 = ' Pleura'  
   41 = ' Trachea, Mediastinum & Other respiratory organs'  
   42 = 'Bones & joints'  
   43 = 'Soft tissue (including heart)'  
 44-45 = 'Skin (excluding basal and squamous)'  
   44 = ' Melanomas -- skin'  
   45 = ' Other non-epithelial skin'  
   46 = 'Breast'  
 47-53 = 'Female genital system'  
   47 = ' Cervix'  
   48 = ' Corpus'  
   49 = ' Uterus, NOS'  
   50 = ' Ovary'  
   51 = ' Vagina'  
   52 = ' Vulva'  
   53 = ' Other female genital organs'  
 54-57 = 'Male genital system'  
   54 = ' Prostate'  
   55 = ' Testis'  
   56 = ' Penis'

**Documentation for the Patient Entitlement and Diagnosis Summary File**

57 = ' Other male genital organs'  
58-61 = 'Urinary system'  
58 = ' Bladder'  
59 = ' Kidney and Renal pelvis'  
60 = ' Ureter'  
61 = ' Other urinary organs'  
62 = 'Eye & orbit'  
63-64 = 'Brain and other nervous system'  
63 = ' Brain'  
64 = ' Cranial nerves Other nervous system'  
65-66 = 'Endocrine system'  
65 = ' Thyroid'  
66 = ' Other endocrine (including thymus)'  
68-69,71-72 = 'Lymphomas'  
68-69 = ' Hodgkin''s Disease'  
68 = ' Nodal'  
69 = ' Extranodal'  
71-72 = ' Non-Hodgkin''s lymphomas'  
71 = ' Non-Hodgkin''s lymphomas - nodal'  
72 = ' Non-Hodgkin''s lymphs-extranodal'  
73 = 'Multiple myeloma'  
74-85 = 'Leukemias'  
74-76 = ' Lymphocytic'  
74 = ' Acute lymphocytic'  
75 = ' Chronic lymphocytic'  
76 = ' Other lymphocytic'  
77-78 = ' Myeloid'  
77 = ' Acute myeloid'  
78 = ' Chronic myeloid'  
80 = 'Acute monocytic leukemia'  
83,85 = ' Other'  
83 = ' Other acute leukemia'  
85 = ' Aleukemic,subleukemic, and NOS'  
86 = 'Miscellaneous'  
89 = 'Other myeloid/monocytic leukemia'

**Documentation for the Patient Entitlement and Diagnosis Summary File**

PLC\_BRTH (Place of Birth)

- '000' = "United States"
- '001' = "New England and New Jersey"
- '002' = "Maine"
- '003' = "New Hampshire"
- '004' = "Vermont"
- '005' = "Massachusetts"
- '006' = "Rhode Island"
- '007' = "Connecticut"
- '008' = "New Jersey"
- '010' = "North Mid-Atlantic States"
- '011' = "New York"
- '014' = "Pennsylvania"
- '017' = "Delaware"
- '020' = "South Mid-Atlantic States"
- '021' = "Maryland"
- '022' = "District of Columbia"
- '023' = "Virginia"
- '024' = "West Virginia"
- '025' = "North Carolina"
- '026' = "South Carolina"
- '030' = "Southeastern States"
- '031' = "Tennessee"
- '033' = "Georgia"
- '035' = "Florida"
- '037' = "Alabama"
- '039' = "Mississippi"
- '040' = "North Central States"
- '041' = "Michigan"
- '043' = "Ohio"
- '045' = "Indiana"
- '047' = "Kentucky"
- '050' = "Northern Midwest States"
- '051' = "Wisconsin"
- '052' = "Minnesota"
- '053' = "Iowa"
- '054' = "North Dakota"
- '055' = "South Dakota"
- '056' = "Montana"
- '060' = "Central Midwest States"
- '061' = "Illinois"
- '063' = "Missouri"
- '065' = "Kansas"
- '067' = "Nebraska"
- '070' = "Southern Midwest States"
- '071' = "Arkansas"
- '073' = "Louisiana"
- '075' = "Oklahoma"
- '077' = "Texas"
- '080' = "Mountain States"
- '081' = "Idaho"
- '082' = "Wyoming"
- '083' = "Colorado"
- '084' = "Utah"
- '085' = "Nevada"
- '086' = "New Mexico"
- '087' = "Arizona"
- '090' = "Pacific Coast States"
- '091' = "Alaska"
- '093' = "Washington"
- '095' = "Oregon"
- '097' = "California"
- '099' = "Hawaii"
- '100' = "Atlantic/Caribbean Area"
- '101' = "Puerto Rico"
- '102' = "U.S. Virgin Islands"
- '109' = "Other Atlantic/Caribbean Area"

**Documentation for the Patient Entitlement and Diagnosis Summary File**

'110' = "Canal Zone"  
 '120' = "Pacific Area"  
 '121' = "American Samoa"  
 '122' = "Kiribati (Canton, Enderbury, Gilbert, S Lines, Phoenix)"  
 '123' = "Micronesia (Fed States of) (Caroline, Trust Terr of Pacific)"  
 '124' = "Cook Islands (New Zealand)"  
 '125' = "Tuvalu (Ellice Islands)"  
 '126' = "Guam"  
 '127' = "Johnston Atoll"  
 '129' = "Mariana Islands (Trust Territory of Pacific Islands)"  
 '131' = "Marshall Islands (Trust Territory Pacific Islands)"  
 '132' = "Midway Islands"  
 '133' = "Nampo-Shoto, Southern"  
 '134' = "Ryukyu Islands (Japan)"  
 '135' = "Swan Islands"  
 '136' = "Tokelau Islands (New Zealand)"  
 '137' = "Wake Island"  
 '139' = "Palau (Trust Territory of Pacific Islands)"  
 '210' = "Greenland"  
 '220' = "Canada"  
 '221' = "Maritime Provinces (New Brunsw, Newfound, Nova Scotia, PE)"  
 '222' = "Quebec"  
 '223' = "Ontario"  
 '224' = "Prairie Provinces (Alberta Manitoba, Saskatchewan)"  
 '225' = "Northwest Territories, Yukon Territory"  
 '226' = "British Columbia"  
 '230' = "Mexico"  
 '240' = "North American Islands"  
 '241' = "Cuba"  
 '242' = "Haiti"  
 '243' = "Dominican Republic"  
 '244' = "Jamaica"  
 '245' = "Other Caribbean Islands"  
 '246' = "Bermuda"  
 '247' = "Bahamas"  
 '250' = "Central America"  
 '251' = "Guatemala"  
 '252' = "Belize (British Honduras)"  
 '253' = "Honduras"  
 '254' = "El Salvador"  
 '255' = "Nicaragua"  
 '256' = "Costa Rica"  
 '257' = "Panama"  
 '265' = "Latin America, NOS"  
 '300' = "South America"  
 '311' = "Colombia"  
 '321' = "Venezuela"  
 '331' = "Guyana (British Guiana)"  
 '332' = "Suriname (Dutch Guiana)"  
 '333' = "French Guiana"  
 '341' = "Brazil"  
 '345' = "Ecuador"  
 '351' = "Peru"  
 '355' = "Bolivia"  
 '361' = "Chile"  
 '365' = "Argentina"  
 '371' = "Paraguay"  
 '375' = "Uruguay"  
 '400' = "United Kingdom"  
 '401' = "England, Channel Islands, Isle of Man"  
 '402' = "Wales"  
 '403' = "Scotland"  
 '404' = "Northern Ireland (Ulster)"  
 '410' = "Ireland (Eire) (Ireland NOS, Republic of Ireland)"  
 '420' = "Scandinavia"  
 '421' = "Iceland"  
 '423' = "Norway (Svalbard, Jan Mayen)"

**Documentation for the Patient Entitlement and Diagnosis Summary File**

'425' = "Denmark, Faroe Islands"  
'427' = "Sweden"  
'429' = "Finland"  
'430' = "Germanic Countries"  
'431' = "Germany (East and West)"  
'432' = "Netherlands"  
'433' = "Belgium"  
'434' = "Luxembourg"  
'435' = "Switzerland"  
'436' = "Austria"  
'437' = "Liechtenstein"  
'440' = "Romance-Language Countries"  
'441' = "France, Corsica, Monaco"  
'443' = "Spain (Canary Islands, Balearic Islands), Andorra"  
'445' = "Portugal (Madeira Islands, Azores, Cape Verde Islands)"  
'447' = "Italy (Sardinia, Sicily), San Marino, Vatican City"  
'449' = "Romania"  
'450' = "Slavic Countries"  
'451' = "Poland"  
'452' = "Czechoslovakia (former)"  
'453' = "Yugoslavia (former)"  
'454' = "Bulgaria"  
'455' = "Russian SFSR (Russia)"  
'456' = "Ukraine and Moldavia"  
'457' = "Byelorussia (Byelorussian SSR, White Russia)"  
'458' = "Estonian SSR (Estonia)"  
'459' = "Latvian SSR (Estonia)"  
'461' = "Lithuania (Lithuanian SSR)"  
'470' = "Other Mainland Europe"  
'471' = "Greece"  
'475' = "Hungary"  
'481' = "Albania"  
'485' = "Gibraltar"  
'490' = "Other Mediterranean Isles"  
'491' = "Malta"  
'495' = "Cyprus"  
'499' = "Europe, NOS (Central, Eastern, Northern, Southern, Western)"  
'500' = "Africa, NOS (Central, Equatorial)"  
'510' = "North Africa"  
'511' = "Morocco"  
'513' = "Algeria"  
'515' = "Tunisia"  
'517' = "Libya (Tripoli, Tripolitania, Cyrenaica)"  
'519' = "Egypt (United Arab Republic)"  
'520' = "Sudanese Countries"  
'530' = "West Africa, NOS (French Africa, NOS)"  
'531' = "Nigeria"  
'539' = "Other West African Countries"  
'540' = "South Africa, NOS"  
'541' = "Zaire (Congo-Leopoldville, Belgian Congo, Congo/Kinshasa)"  
'543' = "Angola (Sao Tome, Principe, Cabinda)"  
'545' = "Republic of South Africa"  
'547' = "Zimbabwe (Rhodesia, Southern Rhodesia)"  
'549' = "Zambia (Northern Rhodesia)"  
'551' = "Malawi (Nyasaland)"  
'553' = "Mozambique"  
'555' = "Madagascar (Malagasy Republic)"  
'570' = "East Africa"  
'571' = "Tanzania (Tanganyika, Zanzibar)"  
'573' = "Uganda"  
'575' = "Kenya"  
'577' = "Rwanda (Ruanda)"  
'581' = "Somalia (Somali Republic, Somaliland)"  
'583' = "Djibouti"  
'585' = "Ethiopia (Abyssinia), Eritrea"  
'580' = "African Coastal Islands (previously in South Africa, NOS)"  
'600' = "Asia, NOS"

**Documentation for the Patient Entitlement and Diagnosis Summary File**

'610' = "Near East"  
'611' = "Turkey"  
'620' = "Asian and Arab Countries"  
'621' = "Syria"  
'623' = "Lebanon"  
'625' = "Jordan (Transjordan) and former Arab Palestine"  
'627' = "Iraq"  
'629' = "Arabian Peninsula"  
'631' = "Israel and former Jewish Palestine"  
'633' = "Caucasian Republics of the USSR"  
'634' = "Other Asian Republics of the USSR"  
'637' = "Iran (Persia)"  
'638' = "Afghanistan"  
'639' = "Pakistan (West Pakistan)"  
'640' = "Mid-East Asia, NOS"  
'641' = "India"  
'643' = "Nepal, Bhutan, Sikkim"  
'645' = "Bangladesh (East Pakistan)"  
'647' = "Ceylon (Sri Lanka)"  
'649' = "Burma"  
'650' = "Southeast Asia"  
'651' = "Thailand (Siam)"  
'660' = "Indochina"  
'661' = "Laos"  
'663' = "Cambodia"  
'665' = "Vietnam (Tonkin, Annam, Cochin China)"  
'671' = "Malasia, Singapore, Brunei"  
'673' = "Indonesia (Dutch East Indies)"  
'675' = "Philippines (Philippine Islands)"  
'680' = "East Asia"  
'681' = "China, NOS"  
'682' = "China (Peoples Republic of China)"  
'683' = "Hong Kong"  
'684' = "Taiwan (Formosa) (Republic of China)"  
'685' = "Tibet"  
'686' = "Macao (Macau)"  
'691' = "Mongolia"  
'693' = "Japan"  
'695' = "Korea (North and South)"  
'711' = "Australia and Australian New Guinea"  
'715' = "New Zealand"  
'720' = "Pacific Islands"  
'721' = "Melanesian Islands, Solomon Islands"  
'723' = "Micronesian Islands"  
'725' = "Polynesian Islands"  
'998' = "Not U.S., but no other information"  
'999' = "Unknown"

;