





Documentation for the Patient Entitlement and Diagnosis Summary File (PEDSF)  
November 1, 2018

<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
1	Patient ID <b>(patient_id)</b>	10	Master File	
1	SEER Cases - Registry	2	SEER	First two digits in the patient ID. 02 = Connecticut (1973+) 20 = Detroit (1973+) 21 = Hawaii (1973+) 22 = Iowa (1973+) 23 = New Mexico (1973+) 25 = Seattle (1974+) 26 = Utah (1973+) 42 = Kentucky (2000+) 43 = Louisiana (2000+) 44 = New Jersey (2000+) 87 = Georgia 88 = California NOTE: Specific California and Georgia registries will be differentiated in the repeated registry codes (starting in column 2390, variables reg1-reg10)
3	Case Number	8	Assigned by IMS	Encrypted SEER Case Number
11	Five Percent Indicator <b>(fivepct)</b>	1	Master File	Indicates inclusion in the 5% Medicare sample. Y = Included N = Not included
12	Match Type <b>(mat_type)</b>	1	Match File	CMSs matching algorithm is available at IMS. A = Alphabetic Match B = SSN Match
13	Match Flag 1 <b>(yobflg1)</b>	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 <b>(dobflg2)</b>	1	Match File	Day of Birth Match for SSN and Alpha Match (See Match Flag 1 for code definition)



































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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2452	EOD 4 –size (1983-1987) <b>(e4siz1-e4siz10)</b> (eod4)	2	SEER	See Attachment A
2454	EOD 4 – extent (1983-1987) <b>(e4ext1-e4ext10)</b> (eod4)	1	SEER	See Attachment A
2455	EOD 4 – nodes (1983-1987) <b>(e4nod1-e4nod10)</b> (eod4)	1	SEER	See Attachment A
2456	Coding system – extent of disease (1973-2003) <b>(eod_cd1-eod_cd10)</b> (eodcode)	1	SEER	See Attachment A
2457	Tumor Marker 1 (1990-2003) <b>(tumor1_1-tumor1_10)</b> (tumor_1v)	1	SEER	See Attachment A
2458	Tumor Marker 2 (1990-2003) <b>(tumor2_1-tumor2_10)</b> (tumor_2v)	1	SEER	(Prostate data has been removed from this field) See Attachment A
2459	Tumor Marker 3 (1998-2003) <b>(tumor3_1-tumor3_10)</b> (tumor_3v)	1	SEER	See Attachment A
2460	CS Tumor Size (2004+) <b>(cstum1-cstum10)</b> (cs_size)	3	SEER	See Attachment A
2463	CS Extension (2004+) <b>(csex1-csex10)</b> (cs_ext)	3	SEER	See Attachment A
2466	CS Lymph Nodes (2004+) <b>(cslym1-cslym10)</b> (cs_node)	3	SEER	See Attachment A

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2469	CS Mets at Dx (2004+) <b>(csmet1-csmet10)</b> (cs_mets)	2	SEER	See Attachment A
2471	CS Site-Specific Factor 1 (2004+) <b>(cs1st1-cs1st10)</b> (cs_ssf1)	3	SEER	See Attachment A
2474	CS Site-Specific Factor 2 (2004+) <b>(cs2st1-cs2st10)</b> (cs_ssf2)	3	SEER	(Prostate data has been removed from this field) See Attachment A
2477	CS Site-Specific Factor 3 (2004+) <b>(cs3st1-cs3st10)</b> (cs_ssf3)	3	SEER	See Attachment A
2480	CS Site-Specific Factor 4 (2004+) <b>(cs4st1-cs4st10)</b> (cs_ssf4)	3	SEER	See Attachment A
2483	CS Site-Specific Factor 5 (2004+) <b>(cs5st1-cs5st10)</b> (cs_ssf5)	3	SEER	See Attachment A
2486	CS Site-Specific Factor 6 (2004+) <b>(cs6st1-cs6st10)</b> (cs_ssf6)	3	SEER	See Attachment A
2489	CS Site-Specific Factor 25 (2004+) <b>(cs25st1-cs25st10)</b> (cs_ssf25)	3	SEER	See Attachment A
2492	Derived AJCC T, 6 <sup>th</sup> edition (2004+) <b>(dajcct1-dajcct10)</b> (d_ajcc_t)	2	SEER	See Attachment A
2494	Derived AJCC N, 6 <sup>th</sup> edition (2004+) <b>(dajccn1-dajccn10)</b> (d_ajcc_n)	2	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2496	Derived AJCC M, 6 <sup>th</sup> edition (2004+) <b>(dajccm1-dajccm10)</b> <i>(d_ajcc_m)</i>	2	SEER	See Attachment A
2498	Derived AJCC Stage Group, 6 <sup>th</sup> edition (2004+) <b>(dajccstg1-dajccstg10)</b> <i>(d_ajcc_s)</i>	2	SEER	See Attachment A
2500	Derived SS1977 (2004+) <b>(dss77s1-dss77s10)</b> <i>(d_ssg77)</i>	1	SEER	See Attachment A
2501	Derived SS2000 (2004+) <b>(dss00s1-dss00s10)</b> <i>(d_ssg00)</i>	1	SEER	See Attachment A
2502	Derived AJCC-Flag <b>(dajcflg1-dajcflg10)</b> <i>(d_ajcc_f)</i>	1	SEER	See Attachment A
2503	CS Version Original (2004+) <b>(csvf1-csvf10)</b> <i>(csv_org)</i>	6	SEER	See Attachment A
2509	CS Version Latest (2004+) <b>(csvl1-csvl10)</b> <i>(csv_der)</i>	6	SEER	See Attachment A
2515	CS Version Input Current (2004+) <b>(cscurrent1-cscurrent10)</b> <i>(csv_cur)</i>	6	SEER	See Attachment A
2521	RX Summ – Surgery of Primary Site (1998+) <b>(sxprif1-sxprif10)</b> <i>(surgprim)</i>	2	SEER	See Attachment A
2523	RX –Summ Scope Reg LN Sur (2003+) <b>(sxscof1-sxscof10)</b> <i>(scope)</i>	1	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2524	RX Summ--Surg Oth Reg/Dis (2003+) <b>(sxsitf1-sxsitf10)</b> <i>(surgoth)</i>	1	SEER	See Attachment A
2525	Number of Regional Lymph Nodes Examined (1998-2002) <b>(numnd1-numnd10)</b> <i>(surgnode)</i>	2	SEER	See Attachment A
2527	Reason no cancer- directed surgery <b>(nosrg1-nosrg10)</b> <i>(no_surg)</i>	1	SEER	See Attachment A
2528	Site Specific Surgery (1983 – 1997) <b>(sssurg1-sssurg10)</b> <i>(ss_surg)</i>	2	SEER	See Attachment A
2530	Scope of regional lymph node surgery (1998-2002) <b>(sxscop1-sxscop10)</b> <i>(scope02)</i>	1	SEER	See Attachment A
2531	Surgery of other reg/dist sites (1998-2002) <b>(sxsite1-sxsite10)</b> <i>(srgoth02)</i>	1	SEER	See Attachment A
2532	Filler	2		
2534	Type of follow-up expected <b>(typefu1-typefu10)</b> <i>(typefup)</i>	1	SEER	See Attachment A
2535	Age at Diagnosis recode <b>(ager1-ager10)</b> <i>(age_rec)</i>	2	SEER	See Attachment A
2537	Site Recode ICD-O-3/ WHO 2008 <b>(siterwho1- siterwho10)</b> <i>(siterwho)</i>	5	SEER	See Attachment A <b>*This variable is used to select patients for data requests.</b>
2542	Recode ICD-O-2 to 9 <b>(icdot09_1- icdot09_10)</b> <i>(icdot09v)</i>	4	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2546	Recode ICD-O-2 to 10 <b>(icdot10_1- icdot10_10)</b> <i>(icdot10v)</i>	4	SEER	See Attachment A
2550	ICCC site recode ICD-O-3/WHO 2008 <b>(ICCC3WHO1- ICCC3WHO10)</b> <i>(ICCC3WHO)</i>	3	SEER	See Attachment A
2553	ICCC site recode extended ICD-O-3/ WHO 2008 <b>(ICC3XWHO1- ICC3XWHO10)</b> <i>(ICCC3XWHO)</i>	3	SEER	See Attachment A
2556	Behavior Recode for Analysis <b>(behtrend1- behtrend10)</b> <i>(behanal)</i>	1	SEER	See Attachment A
2557	Histology Recode - Broad Groupings <b>(histrec1-histrec10)</b> <i>(histrec)</i>	2	SEER	See Attachment A
2559	Histology Recode – Brain Groupings <b>(hisrcb1-hisrcb10)</b> <i>(brainrec)</i>	2	SEER	See Attachment A
2561	CS Schema – v 0204 <b>(cs04sch1-cs04sch10)</b> <i>(cs0204schema)</i>	3	SEER	See Attachment A
2564	Filler	3		
2567	SEER Historic Stage A <b>(hstst1-hstst10)</b> <i>(hst_stga)</i>	1	SEER	See Attachment A
2568	AJCC Stage 3 <sup>rd</sup> Edition (1988-2003) <b>(ajccstg1-ajccstg10)</b> <i>(ajcc_stg)</i>	2	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2570	SEER Modified AJCC Stage 3 <sup>rd</sup> edition (1988-2003) <b>(aj3sr1-aj3sr10)</b> (aj_3seer)	2	SEER	See Attachment A
2572	SEER Summary Stage 1977 (1995-2000) <b>(sss77v1-sss77v10)</b> (ssg77)	1	SEER	See Attachment A
2573	SEER Summary Stage 2000 (2001-2003) <b>(sssm2Z1-sssm2Z10)</b> (ssg2000)	1	SEER	See Attachment A
2574	First Malignant Primary Indicator <b>(frstprm1-frstprm10)</b> (firstprm)	1	SEER	See Attachment A
2575	FIPS State Code <b>(statecd1-statecd10)</b> (stcounty)	2	SEER	See Attachment A
2577	FIPS County Code <b>(cnty1-cnty10)</b> (stcounty)	3	SEER	See Attachment A
2580	IHS Link <b>(ihscd1-ihscd10)</b>	1	SEER	See Attachment A
2581	Summary Stage 2000 (1998+) <b>(summ2k1-summ2k10)</b> (hist_ssg_2000)	1	SEER	See Attachment A
2582	AYA site recode/WHO 2008 <b>(ayawho1-ayawho10)</b> (aya_recode)	2	SEER	See Attachment A
2584	Lymphoma subtype recode/WHO 2008 <b>(lymwho1-lymwho10)</b> (lymphoma_recode)	2	SEER	See Attachment A
2586	SEER cause-specific death classification <b>(vsrtdx1-vsrtdx10)</b> (dth_class)	1	SEER	See Attachment A



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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2587	SEER other cause of death classification <b>(odthclass1-odthclass10)</b> <i>(o_dth_class)</i>	1	SEER	See Attachment A
2588	CS Tumor Size/Ext Eval (2004+) <b>(csts1-csts10)</b> <i>(cstseval)</i>	1	SEER	See Attachment A
2589	CS Reg Lymph Nodes Eval (2004+) <b>(csrg1-csrg10)</b> <i>(csrgeval)</i>	1	SEER	See Attachment A
2590	CS Mets Eval (2004+) <b>(csmt1-csmt10)</b> <i>(csmteval)</i>	1	SEER	See Attachment A
2591	Primary by International Rules <b>(intprim1-intprim10)</b> <i>(intprim)</i>	1	SEER	See Attachment A
2592	ER Status Recode Breast Cancer (1990+) <b>(erstat1-erstat10)</b> <i>(erstatus)</i>	1	SEER	See Attachment A
2593	PR Status Recode Breast Cancer (1990+) <b>(prstat1-prstat10)</b> <i>(prstatus)</i>	1	SEER	See Attachment A
2594	CS Schema AJCC 6 <sup>th</sup> ed <b>(cssch1-cssch10)</b> <i>(csschema)</i>	2	SEER	See Attachment A
2596	CS Site-Specific Factor 8 (2004+) <b>(cs8st1-cs8st10)</b> <i>(cs_ss8)</i>	3	SEER	See Attachment A
2599	CS Site-Specific Factor 10 (2004+) <b>(cs10st1-cs10st10)</b> <i>(cs_ss10)</i>	3	SEER	See Attachment A
2602	CS Site-Specific Factor 11 (2004+) <b>(cs11st1-cs11st10)</b> <i>(cs_ss11)</i>	3	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2605	CS Site-Specific Factor 13 (2004+) <b>(cs13st1-cs13st10)</b> (cs_ssf13)	3	SEER	See Attachment A
2608	CS Site-Specific Factor 15 (2004+) <b>(cs15st1-cs15st10)</b> (cs_ssf15)	3	SEER	See Attachment A
2611	CS Site-Specific Factor 16 (2004+) <b>(cs16st1-cs16st10)</b> (cs_ssf16)	3	SEER	See Attachment A
2614	Lymph-vascular Invasion (2004+) <b>(vasinv1-vasinv10)</b> (vasinv)	1	SEER	See Attachment A
2615	Survival Months <b>(srvm1-srvm10)</b> (srv_time_mon)	4	SEER	See Attachment A
2619	Survival Months Flag <b>(srvmflag1- srvmflag10)</b> (srv_time_mon_flag)	1	SEER	See Attachment A
2620	Filler	1		
2621	Insurance Recode (2007+) <b>(insrecpb1- insrecpb10)</b> (insrec_pub)	1	SEER	See Attachment A
2622	Derived AJCC T 7 <sup>th</sup> ed <b>(dajcc7t1-dajcc7t10)</b> (dajcc7t)	3	SEER	See Attachment A
2625	Derived AJCC N 7 <sup>th</sup> ed <b>(dajcc7n1-dajcc7n10)</b> (dajcc7n)	3	SEER	See Attachment A
2628	Derived AJCC M 7 <sup>th</sup> ed <b>(dajcc7m1-dajcc7m10)</b> (dajcc7m)	3	SEER	See Attachment A
2631	Derived AJCC 7 Stage Group <b>(dajcc7_01-dajcc7_10)</b> (dajcc7stg)	3	SEER	See Attachment A

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2634	Breast Adjusted AJCC 6 <sup>th</sup> T (1988+) <b>(adjajc6t1-adjajc6t10)</b> (adjtm_6value)	2	SEER	See Attachment A
2636	Breast Adjusted AJCC 6 <sup>th</sup> N (1988+) <b>(adjajc6n1-adjajc6n10)</b> (adjnm_6value)	2	SEER	See Attachment A
2638	Breast Adjusted AJCC 6 <sup>th</sup> M (1988+) <b>(adjajc6m1- adjajc6m10)</b> (adjm_6value)	2	SEER	See Attachment A
2640	Breast Adjusted AJCC 6 <sup>th</sup> Stage (1988+) <b>(adjajc6_01- adjajc6_10)</b> (adjajccstg)	2	SEER	See Attachment A
2642	CS Site-Specific Factor 7 <b>(cs7st1-cs7st10)</b> (cs7site)	3	SEER	See Attachment A
2645	CS Site-Specific Factor 9 <b>(cs9st1-cs9st10)</b> (cs9site)	3	SEER	See Attachment A
2648	CS Site-Specific Factor 12 <b>(cs12st1-cs12st10)</b> (cs12site)	3	SEER	See Attachment A
2651	Derived HER2 Recode (2010+) <b>(her2rec1-her2rec10)</b> (her2)	1	SEER	See Attachment A
2652	Breast Subtype (2010+) <b>(brstsub1-brstsub10)</b> (brst_sub)	1	SEER	See Attachment A
2653	Lymphoma – Ann Arbor Stage (1983+) <b>(annarbor1- annarbor10)</b> (annarbor)	1	SEER	See Attachment A

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2654	CS Mets at DX-Bone (2010+) <b>(csmetsdxb_pub1- csmetsdxb_pub10)</b> ( <i>csmetsdxb_pub</i> )	1	SEER	See Attachment A
2655	CS Mets at DX-Brain (2010+) <b>(csmetsdxbr_pub1- csmetsdxbr_pub10)</b> ( <i>csmetsdxbr_pub</i> )	1	SEER	See Attachment A
2656	CS Mets at DX-Liver (2010+) <b>(csmetsdxliv_pub1- csmetsdxliv_pub10)</b> ( <i>csmetsdxliv_pub</i> )	1	SEER	See Attachment A
2657	CS Mets at DX-Lung (2010+) <b>(csmetsdxlung_pub1- csmetsdxlung_pub10)</b> ( <i>csmetsdxlung_pub</i> )	1	SEER	See Attachment A
2658	T value-based on AJCC 3 <sup>rd</sup> (1988-2003) <b>(t_value1-t_value10)</b> ( <i>t_value</i> )	2	SEER	See Attachment A
2660	N value-based on AJCC 3 <sup>rd</sup> (1988-2003) <b>(n_value1-n_value10)</b> ( <i>n_value</i> )	2	SEER	See Attachment A
2662	M value-based on AJCC 3 <sup>rd</sup> (1988-2003) <b>(m_value1-m_value10)</b> ( <i>m_value</i> )	2	SEER	See Attachment A
2664	Total number of in situ/malignant tumors <b>(maligcnt1- maligcnt10)</b> ( <i>maligcount</i> )	2	SEER	See Attachment A
2666	Total number of benign/ borderline tumors <b>(benbdcnt1- benbdcnt10)</b> ( <i>benbordcount</i> )	2	SEER	See Attachment A
2668	Census Tract	6	SEER	1970/80/90 Encrypted census tract

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	<b>(centrt1990_1- centrt1990_10)</b>			<b>* Special permission required for unencrypted census tract.</b>
2674	Census Tract 2000 <b>(centrt2000_1- centrt2000_10)</b>	6	SEER	2000 encrypted census tract <b>* Special permission required for unencrypted census tract.</b>
2680	Census Tract 2010 <b>(centrt2010_1- centrt2010_10)</b>	6	SEER	2010 encrypted census tract <b>* Special permission required for unencrypted census tract.</b>
2686	Census Track Flag <b>(trtcode1-trtcode10)</b>	1	SEER	Use in conjunction with Census Tract (centrt1990_1-centrt1990_10) 0 = No Census Tract 1 = 1970 Census tract definitions 2 = 1980 Census tract definitions 3 = 1990 Census tract definitions
2687	Census Tract Certainty <b>(trtcert1990_1- trtcert1990_10)</b>	1	SEER	Associated with 1970/80/90 Census data 1 = Census tract based on complete and valid street address of residence 2 = Census tract based on residence ZIP+4 3 = Census tract based on residence ZIP+2 4 = Census tract based on residence ZIP code only 5 = Census tract based on ZIP code of post office box 6 = Census tract/BNA based on residence city where city has only one census tract, or based on residence ZIP code where ZIP code has only one census tract 9 = Unable to assign census tract based on available information
2688	Census Tract Certainty 2000 <b>(trtcert2000_1- trtcert2000_10)</b>	1	SEER	Associated with 2000 Census data 1 = Census tract based on complete and valid street address of residence 2 = Census tract based on residence ZIP+4 3 = Census tract based on residence ZIP+2 4 = Census tract based on residence ZIP code only

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				5 = Census tract based on ZIP code of post office box 6 = Census tract/BNA based on residence city where city has only one census tract, or based on residence ZIP code where ZIP code has only one census tract 9 = Unable to assign census tract based on available information
2689	Census Tract Certainty 2010 ( <b>trtcert2010_1-trtcert2010_10</b> )	1	SEER	Associated with 2010 Census data 1 = Census tract based on complete and valid street address of residence 2 = Census tract based on residence ZIP+4 3 = Census tract based on residence ZIP+2 4 = Census tract based on residence ZIP code only 5 = Census tract based on ZIP code of post office box 6 = Census tract based on residence city where city has only one census tract, or based on residence ZIP code where ZIP code has only one census tract 9 = Unable to assign census tract based on available information
2690	Census Tract Poverty Indicator ( <b>cenpvind1-cenpvind10</b> )	1	SEER	1 = 0%-<5% poverty 2 = 5% to <10% poverty 3 = 10% to <20% poverty 4 = 20% to 100% poverty 9 = Unknown
2691	Rural Urban Commuting Area Codes 2000 (RUCA 00) (US only) ( <b>ruca00c1-ruca00c10</b> )	2	SEER	1 = Urban commuting area-Secondary code1.0,1.1,2.0,2.1,3.0,4.1,5.1,7.1,8.1, or 10.1 2 = Not an urban commuting area – all other RUCA codes except 99 9 = Primary RUCA code is 99 (valid unknown) 96=Invalid state abbreviation, county code, or census tract 97=Insufficient population data for county to determine RUCA code 98=Valid state/county/tract combination but

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				RUCA code not found 99=Missing or unknown state, county or census tract
2693	Rural Urban Commuting Area Codes 2010 (RUCA 10) (US Only) ( <b>ruca10c1-ruca10c10</b> )	2	SEER	1 = Urban commuting area-Secondary code1.0,1.1,2.0,2.1,3.0,4.1,5.1,7.1,8.1, or 10.1 2 = Not an urban commuting area – all other RUCA codes except 99 9 = Primary RUCA code is 99 (valid unknown) 96=Invalid state abbreviation, county code, or census tract 97=Insufficient population data for county to determine RUCA code 98=Valid state/county/tract combination but RUCA code not found 99=Missing or unknown state, county or census tract
2695	Urban Rural Indicator Codes 2000 (URIC 00) (US Only) ( <b>ruic00c1-ruic00c10</b> )	2	SEER	1= All urban – the % of the pop in an urban area is 100% 2 = Mostly urban – the % of the pop in an urban are is between >=50% and <100% 3 = Mostly rural - the % of the pop in an urban area is between >0% and <50% 4 = All rural – the % of the pop in an urban area is 0% 9 = The % of the pop in an urban or rural area is unknown (valid unknown) 96=Invalid state, county code or census tract 97=Insufficient pop data for county to determine census indicator 98=Valid state/county/tract combination but census indicator not found 99=Missing or unknown state, county or census tract
2697	Urban Rural Indicator Codes 2010 (URIC 10) (US Only) ( <b>ruic10c1-ruic10c10</b> )	2	SEER	1= All urban – the % of the pop in an urban area is 100% 2 = Mostly urban – the % of the pop in an urban are is between >=50% and <100% 3 = Mostly rural - the % of the pop in an urban area is between >0% and <50% 4 = All rural – the % of the pop in an urban area is 0% 9 = The % of the pop in an urban or rural area is unknown (valid unknown)

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				96=Invalid state, county code or census tract 97=Insufficient pop data for county to determine census indicator 98=Valid state/county/tract combination but census indicator not found 99=Missing or unknown state, county or census tract
2699	Rural-Urban Continuum code 1993 ( <b>rucd93ss1-rucd93ss10</b> )	2	SEER* Stat	00=Central counties of metro areas of 1 million population or more 01=Fringe counties of metro areas of 1 million population or more 02=Counties in metro areas of 250,000 to 1 million population 03=Counties in metro areas of fewer than 250,000 population 04=Urban population of 20,000 or more, adjacent to a metro area 05=Urban population of 20,000 or more, not adjacent to a metro area 06=Urban population of 2,500 to 19,999, adjacent to a metro area 07=Urban population of 2,500 to 19,999, not adjacent to a metro area 08=Completely rural or less than 2,500 urban population, adjacent to a metro area 09=Completely rural or less than 2,500 urban population, not adjacent to a metro area 88=Unknown-Alaska/Hawaii State/not official USDA Rural-Urban Continuum code 99=Unknown/not official USDA Rural-Urban Continuum code More information can be found here: <a href="#">Rural-Urban</a>
2701	Rural-Urban Continuum code 2003 ( <b>rucd03ss1-rucd03ss10</b> )	2	SEER* Stat	01=Counties of metro areas of 1 million population or more 02=Counties in metro areas of 250,000 to 1 million population 03=Counties in metro areas of fewer than 250,000 population 04=Urban population of 20,000 or more, adjacent to a metro area 05=Urban population of 20,000 or more, not adjacent to a metro area 06=Urban population of 2,500 to 19,999, adjacent to a metro area



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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
				07=Urban population of 2,500 to 19,999, not adjacent to a metro area 08=Completely rural or less than 2,500 urban population, adjacent to a metro area 09=Completely rural or less than 2,500 urban population, not adjacent to a metro area 88=Unknown-Alaska/Hawaii State/not official USDA Rural-Urban Continuum code 99=Unknown/not official USDA Rural-Urban Continuum code More information can be found here: <a href="#">Rural-Urban</a>
2703	Rural-Urban Continuum code 2013 ( <b>rucd13ss1-rucd13ss10</b> )	2	SEER* Stat	01=Counties of metro areas of 1 million population or more 02=Counties in metro areas of 250,000 to 1 million population 03=Counties in metro areas of fewer than 250,000 population 04=Urban population of 20,000 or more, adjacent to a metro area 05=Urban population of 20,000 or more, not adjacent to a metro area 06=Urban population of 2,500 to 19,999, adjacent to a metro area 07=Urban population of 2,500 to 19,999, not adjacent to a metro area 08=Completely rural or less than 2,500 urban population, adjacent to a metro area 09=Completely rural or less than 2,500 urban population, not adjacent to a metro area 88=Unknown-Alaska/Hawaii State/not official USDA Rural-Urban Continuum code 99=Unknown/not official USDA Rural-Urban Continuum code More information can be found here: <a href="#">Rural-Urban</a>
2705	Health Service Area ( <b>hsa_ss1-hsa_ss10</b> )	4	SEER* Stat	This variable was derived from the original Health Service Area definitions and is Described in more detail on this website: <a href="#">SEER*Stat</a>
2709	Health Service Area (NCI Modified) ( <b>hsanci_ss1-hsanci_ss10</b> )	4	SEER* Stat	This variable was derived from the original Health Service Area definitions, but has been modified and is described in more detail on this website: <a href="#">SEER*Stat</a>

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2713	County at DX geocode 1990 ( <b>cnty90dx1-cnty90dx10</b> )	3	SEER	County codes can be found here: <a href="#">SPM_AppendixA.pdf</a>
2716	County at DX geocode 2000 ( <b>cnty00dx1-cnty00dx10</b> )	3	SEER	County codes can be found here: <a href="#">SPM_AppendixA.pdf</a>
2719	County at DX geocode 2010 ( <b>cnty10dx1-cnty10dx10</b> )	3	SEER	County codes can be found here: <a href="#">SPM_AppendixA.pdf</a>
2722	Medicare Status Code ( <b>med_stcd1-med_stcd10</b> )	2	EDB	10 = Aged 11 = Aged with ESRD 20 = Disabled 21 = Disabled with ESRD 31 = ESRD only Variable is selected based on dates. The last status code prior to diagnosis is kept.
2724	Derived SS1977 - Flag ( <b>dss77f1-dss77f10</b> ) ( <i>d_ssg77f</i> )	1	SEER	1 = SS1977 derived from Collaborative Staging Manual and Coding Instructions, Version 1.0 2 = SS1977 derived from EOD (prior to 2004)
2725	Derived SS2000 – Flag ( <b>dss00f1-dss00f10</b> ) ( <i>d_ssg00f</i> )	1	SEER	1 = SS2000 derived from Collaborative Staging Manual and Coding Instructions, Version 1.0 2 = SS2000 derived from EOD (prior to 2004)
2726	First course of reconstruction (1998-2002) ( <b>recstr1-recstr10</b> ) ( <i>reconst</i> )	1	SEER	0 = No reconstruction/restoration 1 = Reconstruction, NOS (unknown if flap) 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 plus implant 9 = Unknown; not stated; death certificate only
2727	Radiation ( <b>rad1-rad10</b> ) ( <i>radiatn</i> )	1	SEER	0 = None 1 = Beam radiation 2 = Radioactive implants 3 = Radioisotopes 4 = Combination of beams with implants or isotopes

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				5= Radiation, NOS method or source not specified 6 = Other radiation (1973-1987 cases only) 7 = Refused 8 = Recommended, unknown if administered 9 = Unknown
2728	Radiation to Brain and /or CNS <b>(radbrn1-radbrn10)</b> (rad_brn)	1	SEER	0 = None 1 = Radiation 7 = Refused 8 = Recommended, unknown if administered 9 = Unknown
2729	Radiation sequence with surgery <b>(radsurg1-radsurg10)</b> (rad_surg)	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 7 = Surgery both before and after radiation 9 = Sequence unknown, but both were given
2730	Age-site edit override <b>(ositage1-ositage10)</b> (o_sitage)	1	SEER	1 = Reviewed and confirmed that age/site/histology combination is correct as coded 2 = Reviewed and confirmed that case was diagnosed in utero 3 = Reviewed and confirmed that conditions 1 and 2 apply
2731	Sequence number-dx conf override <b>(oseqcon1-oseqcon10)</b> (o_seqcon)	1	SEER	1 = Reviewed: Multiple primaries of special sites in which at least one diagnosis has not been microscopically confirmed have been reviewed.
2732	Site-type-lat-seq override <b>(oseqlat1-oseqlat10)</b> (o_seqlat)	1	SEER	1 = Reviewed: Multiple primaries of the same histology (3 digit) in the same primary site group have been reviewed.
2733	Surgery-diagnostic conf override <b>(osurcon1-osurcon10)</b> (o_surcon)	1	SEER	1 = Reviewed: A patient who had (cancer directed) surgery, but the tissue removed was not sufficient for microscopic confirmation.

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2734	Site-type edit override <b>(osittyp1-osittyp10)</b> (o_sittyp)	1	SEER	1 = Reviewed: The coding of an unusual combination of primary site and histologic type has been reviewed.
2735	Histology edit override <b>(hbenign1-hbenign10)</b> (h_benign)	1	SEER	1 = Unusual Histology behavior combination reviewed. 2 = Unusual Diagnostic Confirmation/Behavior combination reviewed. 3 = Both scenarios above reviewed
2736	Report source sequence override <b>(orptsrc1-orptsrc10)</b> (o_rptsrc)	1	SEER	1 = Reviewed: A second or subsequent primary with a reporting source of death certificate only has been reviewed and is indeed an independent primary.
2737	Seq-ill-defined site override <b>(odfsite1-odfsite10)</b> (o_dfsite)	1	SEER	1 = Reviewed: A second or subsequent primary reported with an ill-defined primary site (C76.0 C76.8, C80.9) has been reviewed and is an independent primary.
2738	Leuk-Lymph dx confirmation override <b>(oleukdx1-oleukdx10)</b> (o_leukdx)	1	SEER	1 = Reviewed: A patient was diagnosed with leukemia or lymphoma and the diagnosis was not microscopically confirmed.
2739	Site-behavior override <b>(ositbeh1-ositbeh10)</b> (o_sitbeh)	1	SEER	1 = Reviewed: A patient has an in situ cancer of a nonspecific site and no further information about the primary site is available. Note: The IF39 edit does not allow in situ cases of nonspecific sites, such as gastrointestinal tract, NOS; uterus, NOS; female genital tract, NOS; male genital organs, NOS; and others. This over-ride indicates that the conflict has been reviewed.
2740	Site-EOD-dx date override <b>(oeoddt1-oeoddt10)</b> (o_eoddt)	1	SEER	1 = Reviewed: A patient had "localized" disease with a non-specific site and no further information about the primary site is available. Note: The IF40 edit does not allow "localized" disease with non-specific sites, such as mouth, NOS; colon, NOS (except histology 8220); bone, NOS; female genital system, NOS; male genital organs, NOS; and others. This over-ride indicates that the conflict has been reviewed.

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2741	Site-laterality-EOD override <b>(ositeod1-ositeod10)</b> (o_siteod)	1	SEER	1 = Reviewed: A patient had laterality coded non-specifically and EOD coded specifically. Note: The IF41 edit for paired organs does not allow EOD to be specified as in situ, localized, or regional by direct extension if laterality is coded as "bilateral, side unknown" or "laterality unknown." This over-ride indicates that the conflict has been reviewed.
2742	Site-laterality-morph override <b>(ositmor1-ositmor10)</b> (o_sitmor)	1	SEER	1 = Reviewed: A patient had behavior code of "in situ" and laterality is not stated as right: origin of primary; left: origin of primary; or only one side involved, right or left origin not specified. Note: The IF42 edit does not allow behavior code of "in situ" with non-specific laterality codes. This over-ride indicates that the conflict has been reviewed.
2743	Diagnosis Date Flag <b>(ddxflag1-ddxflag10)</b>	2	SEER	12 = Date is unknown Missing = A valid date is provided, or the date was not expected to have been transmitted
2745	Therapy Date Flag <b>(dthflag1-dthflag10)</b>	2	SEER	10 = Unknown if therapy was administered 11 = Therapy was not administered 12 = Therapy was administered, but the date is unknown Missing = A valid date is provided, or was not expected to have been transmitted
2747	Month Therapy Started <b>(monrx1-monrx10)</b> (monthrx)	2	SEER	Month of Therapy 00 = No Therapy 01-12 = Valid month blank = Unknown
2749	Year Therapy Started <b>(yearrx1-yearrx10)</b> (year_rx)	4	SEER	Year of Therapy. If year is blank, refer to Therapy Date Flag (dthflag) for more information.

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2753	Other Therapy <b>(other_tx1-other_tx10)</b> ( <i>othr_rx</i> )	1	SEER	0 = No other cancer-directed therapy 1 = Other cancer-directed therapy 2 = Other experimental cancer-directed therapy 3 = Double blind study, code not yet broken 6 = Unproven therapy (including Laetrile, Krebiozen, etc) 7 = Refused therapy 1-3 above 8 = Recommended, unknown if administered 9 = Unknown
2754	ICD-O Coding Scheme <b>(icdo1-icdo10)</b> ( <i>icdover</i> )	1	SEER	2 = Originally coded in ICD-O-2, (1973-2000) 3 = Originally coded in ICD-O-3, (2001+)
2755	NAPIIA Derived API Race <b>(napiia1-napiia10)</b> ( <i>napiia</i> )	2	SEER	The NAACCR Asian Pacific Islander Identification Algorithm version 1 (NAPIIA v1) uses a combination of NAACCR variables to classify cases directly or indirectly as Asian Pacific Islander for analytic purposes. This version of the algorithm is focused on coding cases with a race code of Asian NOS (race code 96) to a more specific Asian race category, using the birthplace and name fields (first, last, and maiden names). Birthplace can be used to indirectly assign a specific race to one of eight Asian race groups (Chinese, Japanese, Vietnamese, Korean, Asian Indian, Filipino, Thai, and Cambodian). Names can be used to indirectly assign a specific race to one of seven Asian groups (Chinese, Japanese, Vietnamese, Korean, Asian Indian, Filipino, and Hmong). Future versions of NAPIIA will incorporate Pacific Islanders and will potentially incorporate name lists for Thai, Cambodian, and Laotians.  Codes are the same as for Race/Ethnicity. Blanks in field mean the algorithm was not run.
2757	Primary Payer at DX <b>(payer_dx1-payer_dx10)</b> ( <i>payerdx</i> )	2	SEER	Primary Payer at Diagnosis identifies the patients primary insurance carrier or method of payment at the time of initial diagnosis and/or treatment.  01 = Not insured 02 = Not insured, self pay

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
				10 = Insurance, NOS 20 = Private Insurance: Managed care, HMO, or PPO 21 = Private Insurance: Fee-for-Service 31 = Medicaid 35 = Medicaid - Administered through a Managed Care plan 60 = Medicare/Medicare, NOS 61 = Medicare with supplement, NOS 62 = Medicare - Administered through a Managed Care plan 63 = Medicare with private supplement 64 = Medicare with Medicaid eligibility 65 = TRICARE 66 = Military 67 = Veterans Affairs 68 = Indian/Public Health Service 99 = Insurance status unknown
2759	HPV recode (2013+) <b>(hpvrec1-hpvrec10)</b>	1	SEER	0 = HPV Negative 1 = HPV Positive 8 = Unknown/NA 9 = Not 2013+ or selected schema <b>*Special permission required to receive this variable</b>
2760	Watchful waiting recode (2010+) <b>(wwrec1-wwrec10)</b>	1	SEER	0 = No/unknown watchful waiting 1 = Yes watchful waiting 9 = Not 2010+ or selected cancer type <b>*Special permission required to receive this variable</b>
2761	OncoType DX recurrence score <b>(onco_score1-onco_score10)</b> ( <i>oncotype_score</i> )	3	SEER	000-100 <b>*Special permission required to receive this variable</b>
2764	OncoType DX risk group <b>(onco_rg1-onco_rg10)</b> ( <i>oncotype_rg</i> )	1	SEER	1 = Low 2 = Intermediate 3 = High <b>*Special permission required to receive this variable</b>

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>SOURCE</u>	<u>NOTES</u>
2765	OncoType DX reason no score <b>(onco_rns1- onco_rns10)</b> ( <i>oncotype_rns</i> )	1	SEER	1 = Cancelled Test – Cancelled by physician or patients before result was returned 2 = Failed Test – Inadequate tissue sample 3 = Outside Analysis Criteria 4 = Non-Unique – Patient had multiple tumors <b>*Special permission required to receive this variable</b>
2766	OncoType DX delivered year <b>(onco_year1- onco_year10)</b> ( <i>oncotype_year</i> )	4	SEER	2004-2015 <b>*Special permission required to receive this variable</b>
2770	OncoType DX delivered month <b>(onco_month1- onco_month10)</b> ( <i>oncotype_month</i> )	2	SEER	01-12 <b>*Special permission required to receive this variable</b>
2772	OncoType DX months since diagnosis <b>(onco_time1- onco_time10)</b> ( <i>oncotype_time</i> )	3	SEER	000-996 = Valid months 997 = Unknown 998 = Test before DX Unknown occurs when month of diagnosis is unknown and year of diagnosis is not greater than test year. <b>*Special permission required to receive this variable</b>



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Codes for the variables:

- Cause of Death to site recode KM (codkm)
- Cause of Death to site recode (codpub)

00000 = Alive  
20010 = Lip  
20020 = Tongue  
20030 = Salivary Gland  
20040 = Floor of Mouth  
20050 = Gum and Other Mouth  
20060 = Nasopharynx  
20070 = Tonsil  
20080 = Oropharynx  
20090 = Hypopharynx  
20100 = Other Oral Cavity and Pharynx  
21010 = Esophagus  
21020 = Stomach  
21030 = Small Intestine  
21040 = Colon excluding Rectum  
21050 = Rectum and Rectosigmoid Junction  
21060 = Anus, Anal Canal and Anorectum  
21071 = Liver  
21072 = Intrahepatic Bile Duct  
21080 = Gallbladder  
21090 = Other Biliary  
21100 = Pancreas  
21110 = Retroperitoneum  
21120 = Peritoneum, Omentum and Mesentery  
21130 = Other Digestive Organs  
22010 = Nose, Nasal Cavity and Middle Ear  
22020 = Larynx  
22030 = Lung and Bronchus  
22050 = Pleura  
22060 = Trachea, Mediastinum and Other Respiratory Organs  
23000 = Bones and Joints  
24000 = Soft Tissue including Heart  
25010 = Melanoma of the Skin  
25020 = Other Non-Epithelial Skin  
26000 = Breast  
27010 = Cervix Uteri  
27020 = Corpus Uteri  
27030 = Uterus, NOS  
27040 = Ovary  
27050 = Vagina  
27060 = Vulva  
27070 = Other Female Genital Organs

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28010 = Prostate  
28020 = Testis  
28030 = Penis  
28040 = Other Male Genital Organs  
29010 = Urinary Bladder  
29020 = Kidney and Renal Pelvis  
29030 = Ureter  
29040 = Other Urinary Organs  
30000 = Eye and Orbit  
31010 = Brain and Other Nervous System  
32010 = Thyroid  
32020 = Other Endocrine including Thymus  
33010 = Hodgkin Lymphoma  
33040 = Non-Hodgkin Lymphoma  
34000 = Myeloma  
35011 = Acute Lymphocytic Leukemia  
35012 = Chronic Lymphocytic Leukemia  
35013 = Other Lymphocytic Leukemia  
35021 = Acute Myeloid Leukemia  
35031 = Acute Monocytic Leukemia  
35022 = Chronic Myeloid Leukemia  
35023 = Other Myeloid/Monocytic Leukemia  
35041 = Other Acute Leukemia  
35043 = Aleukemic, Subleukemic and NOS  
36010 = Mesothelioma (ICD-10 only) (not in CODPUB)  
36020 = Kaposi Sarcoma (ICD-10 only) (not in CODPUB)  
37000 = Miscellaneous Malignant Cancer  
38000 = In situ, benign or unknown behavior neoplasm  
50000 = Tuberculosis  
50010 = Syphilis  
50030 = Septicemia  
50040 = Other Infectious and Parasitic Diseases including HIV  
50050 = Diabetes Mellitus  
50051 = Alzheimers (ICD-9 and 10 only)  
50060 = Diseases of Heart  
50070 = Hypertension without Heart Disease  
50080 = Cerebrovascular Diseases  
50090 = Atherosclerosis  
50100 = Aortic Aneurysm and Dissection  
50110 = Other Diseases of Arteries, Arterioles, Capillaries  
50120 = Pneumonia and Influenza  
50130 = Chronic Obstructive Pulmonary Disease and Allied Cond  
50140 = Stomach and Duodenal Ulcers  
50150 = Chronic Liver Disease and Cirrhosis  
50160 = Nephritis, Nephrotic Syndrome and Nephrosis  
50170 = Complications of Pregnancy, Childbirth, Puerperium

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50180 = Congenital Anomalies  
50190 = Certain Conditions Originating in Perinatal Period  
50200 = Symptoms, Signs and Ill-Defined Conditions  
50210 = Accidents and Adverse Effects  
50220 = Suicide and Self-Inflicted Injury  
50230 = Homicide and Legal Intervention  
50300 = Other Cause of Death  
41000 = State DC not available or state DC available but no COD  
99999 = Unknown/missing/invalid COD