

Medicare Surveillance Summarized Denominator File
December 18, 2017

FILENAME: sumdenom.nonSEER.txt.gz

RECORD FORMAT: Fixed Block

RECORD LENGTH: 1387

Enrollment and entitlement data for the non-SEER cases is provided in the Summarized Denominator (SUMDENOM) file. This file contains information by calendar year for the months that the person was Medicare eligible, from 1996-2015. Variables include his/her unique Medicare health insurance claim number (the HIC is encrypted to protect confidentiality), date of birth, date of death (if any), sex, race, state of residence, enrollment in Part A and/or Part B, and enrollment in an HMO (if any) by month. This file can be used to identify persons to be included or excluded from an analysis, i.e. by sex, HMO enrollment, etc. The SUMDENOM file can be linked with the Medicare claims for the non-SEER cases by the PHIC number (encrypted) which appears on all files for the non-SEER cases. Non-cancer patients that are selected for data requests must have CASTAT5 = 1. Note that they may not be cancer-free when they completed subsequent surveys.

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
1	Protected ID (phic)	11	Protected ID for patients
12	Month of Birth (birthm)	2	Medicare Month of Birth
14	Day of Birth (birthd)	2	Medicare Day of Birth
16	Year of Birth (birthyr)	4	Medicare Year of Birth
21	Date of Death (med_dodm, med_dodd, med_dody)	8	Medicare Date of Death (MMDDYYYY)
29	Sex (m_sex)	1	1 = Male 2 = Female
30	Race (race)	1	0 = Unknown 1 = White 2 = Black 3 = Other 4 = Asian 5 = Hispanic 6 = N. Am. Native
31	Original Reason For Entitlement (OREC) (rsncd1)	1	First Reason for Entitlement on the EDB record. 0 = OSAI 1 = DIB 2 = ESRD 3 = DIB/ESRD
32	Current Reason for Entitlement (CREC) (cur_ent)	1	Reason for Entitlement at age 65 0 = OSAI 1 = DIB 2 = ESRD 3 = DIB/ESRD
33	Year of Current Reason for Entitlement (cur_yr)	4	YYYY
37	End Stage Renal Disease Indicator (ESRD) (chr_esrd)	1	Indicates if patient had ESRD at age 65 0 = No ESRD Y = Bene. Has ESRD
38	Year of End Stage Renal Disease (chr_esrd_yr)	4	YYYY
42	First ESRD Year (first_esrd_yr)	4	First ESRD year on the EDB record. YYYY

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
46	Medicare Status Code (med_stcd)	2	Medicare Status at age 65 10 = Aged 11 = Aged with ESRD 20 = Disabled 21 = Disabled with ESRD 31 = ESRD Only
48	Year of Medicare Status Code (medst_yr)	4	YYYY
53	Cancer Status=5 Flag (castat5)	1	Indicates if patient had any surveys with cancer status = 5. 0 = No surveys with cancer status = 5 1 = At least one survey had cancer status = 5 Missing = not in survey file
54	All Cancer Status=5 Flag (all_castat5)	1	Indicates if patient had all surveys with cancer status=5. 0 = Not all surveys had cancer status=5 1 = All surveys had cancer status=5 missing = not in survey file
55	Survey in SEER Area (castat5_seerarea)	1	Indicates patient had a survey with cancer status=5 and resided in a SEER area. 0 = Did not reside in a SEER area at time of Survey with cancer status=5 1 = Resided in SEER area at time of survey with Cancer status=5 Missing = not in survey file
56	Last Survey Year (year_last_svy)	4	Year of last survey patient participated in. 1997-2005, 2007-2015

Repeated Zip Code and Registry Information

Zip Code and Registry (based on state and county) information has been retained from the EDB file for each year from 1996 to 2015. If the patient was not entitled during that year then the information will be blank. Columns 66 to 86 are repeated 20 times, once for each year in 1996 thru 2015

<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
66	State (state1996- state2015)	2	FIPS Standard 01 = Alabama 02 = Alaska 04 = Arizona 05 = Arkansas 06 = California 08 = Colorado 09 = Connecticut 10 = Delaware

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COL

FIELD

LENGTH NOTES

11 = Washington, D.C.

12 = Florida

13 = Georgia

15 = Hawaii

16 = Idaho

17 = Illinois

18 = Indiana

19 = Iowa

20 = Kansas

21 = Kentucky

22 = Louisiana

23 = Maine

24 = Maryland

25 = Massachusetts

26 = Michigan

27 = Minnesota

28 = Mississippi

29 = Missouri

30 = Montana

31 = Nebraska

32 = Nevada

33 = New Hampshire

34 = New Jersey

35 = New Mexico

36 = New York

37 = North Carolina

38 = North Dakota

39 = Ohio

40 = Oklahoma

41 = Oregon

42 = Pennsylvania

43 = Puerto Rico

44 = Rhode Island

45 = South Carolina

46 = South Dakota

47 = Tennessee

48 = Texas

49 = Utah

50 = Vermont

51 = Virginia

53 = Washington

54 = West Virginia

55 = Wisconsin

56 = Wyoming

72 = Puerto Rico

NOTE: State is assigned as the last state lived in for that year

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
68	County (cnty1996-cnty2015)	3	FIPS Standard NOTE: County is assigned as the last county lived in for that year.
71	Zip Code (first 5 digits) (enzip5_1996-enzip5_2015)	5	Zip code is now encrypted. Special permission is required for the unencrypted zip code. NOTE: Zip code is assigned as the last zip code lived in for that year.
76	Zip Code (last 4 digits) (enzip4_1996-enzip4_2015)	4	Last 4 digits of the Zip code will be blanked out unless permission is received for the unencrypted zip code. NOTE: Zip code is assigned as the last zip code lived in for that year.
80	Urban/Rural Code (urban1996-urban2015)	2	01 -09, 99 see attachment at end of this document.
82	Urban/Rural Recode (urbrur1996-urbrur2015)	1	1 = Big Metro (Urban = 00 or 01) 2 = Metro (Urban = 02 or 03) 3 = Urban (Urban = 04 or 05) 4 = Less Urban (Urban = 06 or 07) 5 = Rural (Urban = 08 or 09) 99 = Unknown (Urban = 99)
83	Registry Code (registry1996-registry2015)	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 41 = Greater California 42 = Kentucky 43 = Louisiana 44 = New Jersey 47 = Greater Georgia NA = Has not lived in a registry yet NOTE: First registry found is retained until patient moved into a new registry.

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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
85	Registry Code #2 (reg2cd1996-reg2cd2015)	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 41 = Greater California 42 = Kentucky 43 = Louisiana 44 = New Jersey 47 = Greater Georgia NA = Other NOTE: Registry is based off the state and county, which is the last residence the patient lived at for that year.

* Columns 507 to 550 are repeated 20 times, once for each year in 1996 thru 2015. If the patient was not entitled during that year then that information will be blank.

507*	Entitlement Indicators by month of reference year. (ent1-ent240)	12*1	Indicates entitlement for each month from 1/1996 to 12/2015. ent1 = January 1996 ent240 = December 2015 0 = Not Entitled 1 = Part A only 2 = Part B only 3 = Part A and Part B
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<u>COL</u>	<u>FIELD</u>	<u>LENGTH</u>	<u>NOTES</u>
519*	Health Maintenance Organization (HMO by month of reference year). (hmo1-hmo240)	12*1	Indicates entitlement for each month from 1/1996 to 12/2015. hmo1 = January 1996 hmo240 = December 2015 0 = Not Member of HMO 1 = Non Lock-in, CMS to process Provider 2 = Non Lock-in, GHO to process in-plan Part A & in-area Part B claims 4 = Fee-for-Service participant in case or disease management demonstration projects (effective 2005 forward) A = Lock-in, CMS to process provider claims B = Lock-in, GHO to process in-plan Part A and in-area Part B claims C = Lock-in, GHO to process all provider claims
531*	State Buy In Coverage (stbuy1-stbuy240)	12*1	Indicates State Buy in Coverage for each month from 1/1996 to 12/2015. stbuy1 = January 1996 stbuy240 = December 2015 0 = Not entitled 1 = Part A only 2 = Part B only 3 = Part A and B
543*	Total Months Part A Cov. (ptacnt1996-ptacnt2015)	2	00-12
545*	Total Months Part B Cov. (ptbcnt1996-ptbcnt2015)	2	00-12
547*	Total Months HMO Coverage (hmocnt1996-hmocnt2015)	2	00-12
549*	Total Months State Buy-in (stbuycnt1996-stbuycnt2015)	2	00-12
1387	Filler	1	

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Note:

Rural/Urban Continuum as Defined in the 2004 ARF file
(urban/rural code)

The **2003 Rural/Urban Continuum Codes** are from Economic Research Service (ERS), Department of Agriculture. The codes form a classification scheme that distinguishes metropolitan (metro) counties by the population size of their metro area and nonmetropolitan (nonmetro) counties by degree of urbanization and adjacency to a metro area or nonmetro areas. All U.S. counties and county equivalents are grouped according to the official metro status announced by the Office of Management and Budget (OMB) in June 2003, when the population and worker commuting criteria used to identify metro counties were applied to results of the 2000 Census.

Metro counties are distinguished by population size of the Metropolitan Statistical Area of which they are part. Nonmetro counties are classified according to the aggregate size of their urban population. Within the three urban size categories, nonmetro counties are further identified by whether or not they have some functional adjacency to a metro area or areas. A nonmetro county is defined as adjacent if it physically adjoins one or more metro areas, and has at least 2 percent of its employed labor force commuting to central metro counties. Nonmetro counties that do not meet these criteria are classed as nonadjacent.

In concept, the 2003 version of the Rural-Urban Continuum Codes is comparable with that of earlier decades. However, OMB made major changes in its metro area delineation procedures for the 2000 Census, and the Census Bureau changed the way in which rural and urban are measured. Therefore, the new Rural-Urban Continuum Codes are not fully comparable with those of earlier years. OMB's changes added some additional metro areas by no longer requiring that a metro area must have at least 100,000 population if its urbanized area has no place of at least 50,000 people. More importantly, simplifying the worker commuting criteria that determine outlying metro counties had the effect of both adding numerous new outlying counties to metro status while deleting a smaller number that were previously metro.

The Census Bureau made a radical shift in determining rural-urban boundaries by changing and liberalizing the procedures for delineating urbanized areas of 50,000 or more people, and abandoning place boundaries in measuring urban or rural population. The procedures used in defining Urbanized Areas were extended down to clusters of 2,500 or more people, based solely on population density per square mile.

In earlier versions of the Rural-Urban Continuum Codes, metro areas with 1 million population or more were subdivided between central counties (Code 0) and fringe counties (Code 1). The Code 1 group has become much less meaningful in the last two censuses as more and more counties of large metro areas have been rated as central counties by OMB procedures. In 2000, only 1.6 percent of the population of large metro areas was in fringe counties. Therefore, this distinction has been dropped. Codes 0 and 1 have been combined, and the new code 1 represents all counties in metro areas of 1 million or more population.

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The 2003 Rural/Urban Continuum Codes are defined as follows:

CODE METROPOLITAN COUNTIES (1-3)

- 01 Counties of metro areas of 1 million population or more
- 02 Counties in metro areas of 250,000 - 1,000,000 population
- 03 Counties in metro areas of fewer than 250,000 population

CODE NONMETROPOLITAN COUNTIES (4-9)

- 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 2,500-19,999, adjacent to a metro area
- 07 Urban population of 2,500-19,999, 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
- 99 Missing Value