

County-Level FFS Data for Shared Savings Program Benchmark PUF Data Dictionary

Term Name	Variable Name	Definition	Footnotes
Year	YEAR	Calendar year (CY) for which assignable beneficiaries are determined and per capita expenditures, average risk scores, and person years are calculated.	
State name	STATE_NAME	State name.	
County name	COUNTY_NAME	County name.	
State ID	STATE_ID	Social Security Administration (SSA) state code. Note that this code should always include two numeric characters, though leading zeros may be dropped when opening the files in some programs (e.g. a value of "01" may appear as "1").	
County ID	COUNTY_ID	SSA county code. Note that this code should always include three numeric characters, though leading zeros may be dropped when opening the files in some programs (e.g. a value of "001" may appear as "1").	
Per capita ESRD expenditures	PER_CAPITA_EXP_ESRD	Annualized, truncated, weighted mean total expenditures per End Stage Renal Disease (ESRD) assignable beneficiary person year in the county. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average ESRD CMS HCC risk score	AVG_RISK_SCORE_ESRD	Final mean prospective CMS-Hierarchical Condition Category (HCC) risk score for assignable beneficiaries in ESRD enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national fee-for-service (FFS) risk score for the assignable ESRD population equals 1.0. Refer to parameters sheet for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average ESRD Demographic Risk Score	AVG_DEMOG_SCORE_ESRD	Final, mean demographic risk score for assignable beneficiaries in ESRD enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable ESRD population equals 1.0. See parameters sheet for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
ESRD person years	PERSON_YEARS_ESRD	Number of assignable beneficiaries with ESRD enrollment type in the county, adjusted for the total number of months that each beneficiary was classified as ESRD and was enrolled in Part A and Part B and was not enrolled in a Medicare Group Health Plan. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)

Term Name	Variable Name	Definition	Footnotes
Per capita DISABLED expenditures	PER_CAPITA_EXP_DIS	Annualized, truncated, weighted mean total expenditures per DISABLED assignable beneficiary person year in the county. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average DISABLED CMS HCC risk score	AVG_RISK_SCORE_DIS	Final mean prospective CMS HCC risk score for assignable beneficiaries in DISABLED enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable DISABLED population equals 1.0. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average DISABLED Demographic Risk Score	AVG_DEMOG_SCORE_DIS	Final, mean demographic risk score for assignable beneficiaries in DISABLED enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable DISABLED population equals 1.0. See parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
DISABLED person years	PERSON_YEARS_DIS	Number of assignable beneficiaries with DISABLED enrollment type in the county, adjusted for the total number of months that each beneficiary was classified as DISABLED and was enrolled in Part A and Part B and was not enrolled in a Medicare Group Health Plan. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Per capita AGED/DUAL expenditures	PER_CAPITA_EXP_AGDU	Annualized, truncated, weighted mean total expenditures per AGED/DUAL assignable beneficiary person year in the county. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average AGED/DUAL CMS HCC risk score	AVG_RISK_SCORE_AGDU	Final mean prospective CMS-HCC risk score for assignable beneficiaries in AGED/DUAL enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable AGED/DUAL population equals 1.0. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)

Term Name	Variable Name	Definition	Footnotes
Average AGED/DUAL Demographic Risk Score	AVG_DEMOG_SCORE_AGDU	Final, mean demographic risk score for assignable beneficiaries in AGED/DUAL enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable AGED/DUAL population equals 1.0. See parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
AGED/DUAL person years	PERSON_YEARS_AGDU	Number of assignable beneficiaries with AGED/DUAL enrollment type in the county, adjusted for the total number of months that each beneficiary was classified as AGED/DUAL and was enrolled in Part A and Part B and was not enrolled in a Medicare Group Health Plan. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Per capita AGED/NON-DUAL expenditures	PER_CAPITA_EXP_AGND	Annualized, truncated, weighted mean total expenditures per AGED/NON-DUAL assignable beneficiary person year in the county. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average AGED/NON-DUAL CMS HCC risk score	AVG_RISK_SCORE_AGND	Final mean prospective CMS-HCC risk score for assignable beneficiaries in AGED/NON-DUAL enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable AGED/NON-DUAL population equals 1.0. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
Average AGED/NON-DUAL Demographic Risk Score	AVG_DEMOG_SCORE_AGND	Final, mean demographic risk score for assignable beneficiaries in AGED/NON-DUAL enrollment type in the county, based on the applicable risk adjustment model for that year, renormalized so that the mean national FFS risk score for the assignable AGED/NON-DUAL population equals 1.0. See parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)
AGED/NON-DUAL person years	PERSON_YEARS_AGND	Number of assignable beneficiaries with AGED/NON-DUAL enrollment type in the county, adjusted for the total number of months that each beneficiary was classified as AGED/DUAL and was enrolled in Part A and Part B and was not enrolled in a Medicare Group Health Plan. Refer to parameters and notes for further details.	(.) = Missing (county has no assigned beneficiaries with this enrollment type) (*) = Suppressed (county has between 1 and 10 assigned beneficiaries with this enrollment type)

Parameters

File Year	Performance Year Assignment Methodology	File Name	Assignment Window (period over which assignable beneficiaries identified and expenditures calculated)	Claims Run-Out	Completion Factor
2023	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2023_01_01_Offset_Assignable_2024_Starters	October 1, 2021 - September 30, 2022	3 months	1.013
2023	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2023_01_01_Cal_Year_Assignable_2024_Starters	January 1, 2023-December 31, 2023	3 months	1.013
2023	PY 2023	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2023_01_01_Cal_Year_Assignable_2019_2023_Starters	January 1, 2023-December 31, 2023	3 months	1.013
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2024_Starters	January 1, 2022-December 31, 2022	3 months	1.013
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2019_2023_Starters	January 1, 2022-December 31, 2022	3 months	1.013
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Offset_Assignable_2024_Starters	October 1, 2020 - September 30, 2021	3 months	1.013
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Cal_Year_Assignable_2024_Starters	January 1, 2021-December 31, 2021	3 months	1.013
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Cal_Year_Assignable_2019_2023_Starters	January 1, 2021-December 31, 2021	3 months	1.013
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Offset_Assignable_2024_Starters	October 1, 2019 - September 30, 2020	3 months	1.013
2020	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2020_01_01	January 1, 2020-December 31, 2020	3 months	1.013
2019	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2019_01_01	January 1, 2019-December 31, 2019	3 months	1.013
2018	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2018_01_01	January 1, 2018-December 31, 2018	3 months	1.013
2017	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2017_01_01	January 1, 2017-December 31, 2017	3 months	1.013
2016	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2016_01_01	January 1, 2016-December 31, 2016	3 months	1.013

Expenditure Truncation Thresholds

File Year	Performance Year Assignment Methodology	ESRD	Disabled	Aged/Dual	Aged/Non-Dual
2023	PY 2024	\$528,387.50	\$185,973.07	\$247,394.81	\$153,973.31
2023	PY 2023	\$527,562.32	\$185,479.60	\$246,707.30	\$153,702.41
2022	PY 2024	\$488,004.46	\$165,949.48	\$220,073.84	\$139,289.73
2021	PY 2024	\$468,441.48	\$155,602.20	\$209,300.44	\$131,857.98
2020	PY 2024	\$439,308.36	\$151,023.20	\$208,511.94	\$129,340.26
2019	PY 2024	\$431,846.58	\$146,371.54	\$203,056.84	\$130,594.91
2018	PY 2024	\$427,288.43	\$138,416.25	\$193,599.10	\$126,176.39
2017	PY 2024	\$424,223.34	\$133,439.41	\$188,667.48	\$122,370.67
2016	PY 2024	\$440,448.09	\$130,068.52	\$184,360.32	\$121,451.68

National Assignable FFS Mean CMS-HCC Risk Scores Used to Renormalize CMS-HCC Risk Scores

File Year	Performance Year Assignment Methodology	File Version	ESRD	Disabled	Aged/Dual	Aged/ Non-Dual
2023	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_P UF_2023_01_01_Cal_Year_Assignable_2024_Starters	1.08718	1.32775	1.87477	1.12087
2023	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_P UF_2023_01_01_Offset_Assignable_2024_Starters	1.08718	1.32775	1.87477	1.12087
2022	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_P UF_2022_01_01_Cal_Year_Assignable_2024_Starters	1.06374	1.37762	1.93909	1.15883
2022	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_P UF_2022_01_01_Offset_Assignable_2024_Starters	1.06374	1.37762	1.93909	1.15883
2023	PY 2023	County_Level_FFS_Data_for_Shared_Savings_ Program_Benchmark_PUF_2022_01_01_Cal_ Year_Assignable_2019_2023_Starters	1.05204	1.21185	1.71669	1.02469
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_ Program_Benchmark_PUF_2022_01_01_Cal_ Year_Assignable_2024_Starters	1.00776	1.05296	1.56495	0.91209

File Year	Performance Year Assignment Methodology	File Version	ESRD	Disabled	Aged/Dual	Aged/ Non-Dual
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Offset_Assignable_2024_Starters	1.00776	1.05296	1.56495	0.91209
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2019_2023_Starters	1.00776	1.05296	1.56495	0.91209
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Cal_Year_Assignable_2024_Starters	1.00524	1.05072	1.56777	0.91117
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Offset_Assignable_2024_Starters	1.00524	1.05072	1.56777	0.91117
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_pre_2019_2023_Starters	1.00530	1.05070	1.56775	0.91117
2020	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2020_01_01	1.00488	1.04845	1.57682	0.91490
2019	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2019_01_01	1.01662	1.04956	1.57673	0.91726
2018	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2018_01_01	1.01985	1.05614	1.56445	0.90861
2017	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2017_01_01	1.02042	1.05448	1.56440	0.90990
2016	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2016_01_01	1.02006	1.00824	1.58787	0.89997

National Assignable FFS Mean Demographic Risk Scores Risk Scores Used to Renormalize Demographic Risk Scores

File Year	Performance Year Assignment Methodology	File Version	ESRD	Disabled	Aged/Dual	Aged/ Non-Dual
2023	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2023_01_01_Cal_Year_Assignable_2024_Starters	1.09028	1.05528	1.56553	0.91577
2023	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2023_01_01_Offset_Assignable_2024_Starters	1.09028	1.05528	1.56553	0.91577
2022	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2024_Starters	1.00742	1.05308	1.56464	0.91205
2022	PY 2024	County_Level FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Offset_Assignable_2024_Starters	1.00742	1.05308	1.56464	0.91205
2023	PY 2023	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2019_2023_Starters	1.09042	1.05513	1.56668	0.91616
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2024_Starters	1.00776	1.05296	1.56495	0.91209
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Offset_Assignable_2024_Starters	1.00776	1.05296	1.56495	0.91209
2022	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_2019_2023_Starters	1.00776	1.05296	1.56495	0.91209
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Cal_Year_Assignable_2024_Starters	1.00524	1.05072	1.56777	0.91117
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2021_01_01_Offset_Assignable_2024_Starters	1.00524	1.05072	1.56777	0.91117
2021	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2022_01_01_Cal_Year_Assignable_pre_2019_2023_Starters	1.00530	1.05070	1.56775	0.91117
2020	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2020_01_01	1.00488	1.04845	1.57682	0.91490

File Year	Performance Year Assignment Methodology	File Version	ESRD	Disabled	Aged/Dual	Aged/ Non-Dual
2019	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2019_01_01	1.01662	1.04956	1.57673	0.91726
2018	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2018_01_01	1.01985	1.05614	1.56445	0.90861
2017	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2017_01_01	1.02042	1.05448	1.56440	0.90990
2016	PY 2024	County_Level_FFS_Data_for_Shared_Savings_Program_Benchmark_PUF_2016_01_01	1.02006	1.00824	1.58787	0.89997

Notes

1. For definition of assignable beneficiary, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
2. For definitions of primary care services, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
3. For definitions of providers, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
4. For information on computing expenditures, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
5. For information on prospective CMS-HCC risk scores and renormalization, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
6. For information on computing person years, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)
7. Per capita expenditure, average risk score, and person year variables for the applicable file years have been adjusted to exclude months associated with episodes of care for treatment of COVID-19. For more information on these adjustments, refer to: [Medicare Shared Savings Program Statutes & Regulations](#)