

Rate of Hospital Referrals of Potential Organ Donors Made to the Organ Procurement Organization (OPO) from within the OPO's Donation Service Area in a Calendar Year.

Data Dictionary

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
MCOD	OPO_CODE	Organ Procurement Organization (OPO) of the potential donor.	01–99	Character	2	N/A (Categorical)	The Donor Donation Service Area (DSA) of each OPO is used to map the state and county where a potential donor died to the OPO they would fall under the jurisdiction of.	The codes used in this variable are mapped to actual four-letter OPO codes that identify OPOs. This masks identification of specific OPOs. This is one of two variables used to summarize the data, alongside the Year variable.

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
MCOD	YEAR	Calendar year of death for the potential donor.	2021–2024	Numeric	4	N/A (Categorical)	The year was based on the MCOD data file used to calculate potential donors.	This is the second of two variables that are used to summarize the data, along with the OPO Code.
MCOD	AGE_CAT	The age category of the potential donor.	0, 1–17, 18–24, 25–69, 70–75, 76–80, 81–85, 86–90	Character	5	N/A (Categorical)	The age of the patient is calculated from the MCOD Detail Age variable, then assigned to the corresponding age category.	This is a demographic variable used for stratification.
MCOD	RACE_CAT	The race category of the potential donor.	White, Non-White	Character	9	N/A (Categorical)	The race of the potential donor is calculated from the MCOD Race Recode 40 variable, then assigned to one of the two categories. The “White” category includes non-Hispanic Whites, while	This is a demographic variable used for stratification.

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
							the Non-White category covers everything else.	
MCOD	SEX_CAT	The sex of the potential donor.	Male, Female	Character	6	N/A (Categorical)	The sex of the potential donor is calculated from the MCOD Sex variable, then assigned to one of the two categories.	This is a demographic variable used for stratification.

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
MCOD	WEIGHT	The weight applied to each potential donor to reflect the apportionment for the OPO.		Numeric	8	Individuals	Due to waiver hospitals, a potential donor for a county may be split between multiple OPOs. To account for this, each row has a weight for what proportion of the potential donor is assigned to each OPO. For example, if 5% of a county is proportioned to OPO X, and 95% to OPO Y, there would be two rows for a given potential donor from that county, with the weight for OPO X being	This is the value of the potential donor and should be used for calculating the number of potential donors.

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							.05, and the weight for OPO Y being .95. Potential donors are determined from the Multiple Cause of Death data using the definition of potential donor through a multi-step data cleaning and filtering process before being summarized by the OPO Code and Year variables.	

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
MCOD	Detail Age	Four-digit variable indicating the age of the potential donor. First digit identifies age in years, months, days, hours, or minutes. Next three digits are the number of years, months, days, hours, or minutes.	1000–9999	Numeric	4	Years, Months, Days, Hours, Minutes (Variable)	N/A	Variable is from the MCOD data file.
MCOD	Race Recode 40	Provides reported singleton and multiple-race combinations based on the 2003 revision of the death certificate, which reflects 1997 Office of Management and Budget (OMB) race-reporting guidelines.	01–40	Numeric	2	N/A (Categorical)	N/A	Variable is from the MCOD data file.
MCOD	Sex	Sex of potential donor.	M, F	Character	1	N/A (Categorical)	N/A	Variable is from the

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
								MCOD data file.
MCOD	Place of Death	Location where the potential donor died.	1–9	Numeric	1	N/A (Categorical)	N/A	Variable is from the MCOD data file.
MCOD	ICD Code (10th Revision)	Primary Cause of Death using the 10th Revision of the International Statistical Classification of Diseases and Related Health Problems.	ICD-10 Code	Character	4	N/A (Categorical)	N/A	Variable is from the MCOD data file.
MCOD	Record Axis Conditions 1–20	This covers twenty variables with the same meaning. Each potential donor can have up to twenty ICD-10 codes that indicate their Multiple Causes of Death. All twenty are ICD-10 codes that follow the 10th Revision of the International Statistical	ICD-10 Codes	Character	5	N/A (Categorical)	N/A	Variable is from the MCOD data file.

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
		Classification of Diseases and Related Health Problems.						
OPO	OPO_id	Unique identifier for each OPO.	01–99	Text	2	N/A (Categorical)	N/A	
OPO	Ref_id	Referral identifier, unique within combined (all OPOs) dataset.	First 3 characters are OPO_id followed by hyphen	Text	15	N/A (Categorical)	N/A	
OPO	Ref_datetime	Date and time of referral.		Date-time		N/A (Categorical)	N/A	
OPO	Ventilated	Whether patient was ventilated at referral.	Yes, No, Unknown	Text	7	N/A (Categorical)	N/A	
OPO	Donor_death_type	Death type for organ donors.	DCD, DBD, missing	Text	3	N/A (Categorical)	N/A	
OPO	Approached	Binary flag to indicate if patient was approached for organ donation.	0, 1	Numeric		N/A (Categorical)	N/A	

Dataset	Variable	Description	Possible Values	Data Type	Length	Unit	Derivation Logic	Notes
OPO	Authorization	Binary flag to indicate if patient was authorized for organ donation.	0, 1	Numeric		N/A (Categorical)	N/A	
OPO	Gender	Patient gender, or “Unknown” if unknown or missing.	Female, Male, Other, Unknown	Text	7	N/A (Categorical)	N/A	
OPO	Race	Patient race (known values grouped in two categories), or “Unknown” if unknown or missing.	Non-White, Non-Hispanic White, Unknown	Text	9	N/A (Categorical)	N/A	The category “Non-White” includes all races and ethnicities not labeled “Non-Hispanic White,” including all Hispanic categories.
OPO	Age	Patient age at death.	0–80	Numeric		Years	N/A	