

DATA DICTIONARY

Patient Characteristics to Predict the type of Healthcare service

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Field Name and Description	Valid Domain Values	Type	Length	Data Type	Null Ratio
Survey Year: The year in which the survey was conducted. Dates are between 10/21/2019 and 10/27/2019.	<ul style="list-style-type: none"> • 2019 	Number	4	Year	0.00
Program Category: The category or type of healthcare program the patient is enrolled in.	<ul style="list-style-type: none"> • Outpatient • Inpatient • Emergency • Residential • Support 	Text	11	Nominal	0.00
Region Served: Represents region where the patients received healthcare services.	<ul style="list-style-type: none"> • New York City Region • Western Region • Hudson River Region • Central NY Region • Long Island Region 	Text	20	Nominal	0.00
Age Group: The age group of the patient.	<ul style="list-style-type: none"> • Adult • Child • Unknown 	Text	7	Nominal	0.00
Sex: Gender of the patient.	<ul style="list-style-type: none"> • Female • Male • Unknown 	Text	7	Binary	0.00
Transgender: Indicates whether the patient identifies as transgender.	<ul style="list-style-type: none"> • No, Not Transgender • Yes, Transgender • Client didn't answer • Unknown 	Text	20	Boolean	0.08
Sexual Orientation: The patient's sexual orientation.	<ul style="list-style-type: none"> • Straight or Heterosexual • Bisexual • Lesbian or Gay • Other • Client didn't answer • Unknown 	Text	24	Nominal	0.18
Hispanic Ethnicity: Indicates whether the patient identifies as Hispanic or Latino.	<ul style="list-style-type: none"> • Yes, Hispanic/Latino • No, Not Hispanic/Latino • Unknown 	Text	23	Boolean	0.03
Race: The patient's racial background.	<ul style="list-style-type: none"> • White only • Black only • Multi-Racial • Other • Unknown Race 	Text	12	Nominal	0.04

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Living Situation: The patient's current living situation or housing status.	<ul style="list-style-type: none"> • Private Residence • Other Living Situation • Institutional Setting • Unknown 	Text	22	Nominal	0.05
Household Composition: Describes the patient's household composition.	<ul style="list-style-type: none"> • Cohabitates with Others • Lives Alone • Not Applicable • Unknown 	Text	23	Nominal	0.23
Preferred Language: The patient's preferred language for communication.	<ul style="list-style-type: none"> • English • Spanish • Indo-European • Asian and Pacific Island • Afro-Asiatic • All other languages • Unknown 	Text	24	Nominal	0.02
Religious Preference: The patient's religious preference.	<ul style="list-style-type: none"> • I belong to a formal religious group • I do not have a formal religion, nor am I a spiritual person • I consider myself spiritual, but not religious • Data not available 	Text	60	Nominal	0.29
Veteran Status: Indicates whether the patient is a military veteran.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.04
Employment Status: The patient's current employment status.	<ul style="list-style-type: none"> • Employed • Unemployed, looking for work • Non-paid/Volunteer • Not in Labor Force: Unemployed and not looking for work • Unknown Employment Status 	Text	54	Nominal	0.06
Number Of Hours Worked Each Week: The number of hours the patient works each week.	<ul style="list-style-type: none"> • 01 – 14 Hours • 15 – 34 Hours • 35 Hours or more • Unknown • Not Applicable 	Text	24	Ordinal	0.84

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Field Name and Description	Valid Domain Values	Type	Length	Data Type	Null Ratio
Education Status: The patient's education status.	<ul style="list-style-type: none"> • Pre-K to Fifth grade • Middle School to High School • Some College • College or Graduate Degree • No Formal Education • Other • Unknown 		28	Ordinal	0.11
Special Education Services: Indicates if the patient receives special education services.	<ul style="list-style-type: none"> • Yes • No • Not Applicable 	Text	14	Boolean	0.80
Mental Illness: Indicates if the patient has a mental illness.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.01
Intellectual Disability: Indicates if the patient has an intellectual disability.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Autism Spectrum: Indicates if the patient is on the autism spectrum.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Other Developmental Disability: Indicates if the patient has other developmental disabilities.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Alcohol Related Disorder: Indicates if the patient has an alcohol-related disorder.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.06
Drug Substance Disorder: Indicates if the patient has a drug substance disorder.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.06
Opioid Related Disorder: Indicates if the patient has an opioid-related disorder.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Mobility Impairment Disorder: Indicates if the patient has a mobility impairment disorder.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08

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Hearing Impairment: Indicates if the patient has a hearing impairment.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Visual Impairment: Indicates if the patient has a visual impairment.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Speech Impairment: Indicates if the patient has a speech impairment.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Hyperlipidemia: Indicates if the patient has hyperlipidemia.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
High Blood Pressure: Indicates if the patient has high blood pressure.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Diabetes: Indicates if the patient has diabetes.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Obesity: Indicates if the patient has obesity.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Heart Attack: Indicates if the patient has had a heart attack.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Stroke: Indicates if the patient has had a stroke.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Other Cardiac: Indicates if the patient has other cardiac conditions.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Pulmonary Asthma: Indicates if the patient has pulmonary asthma.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07

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Alzheimer or Dementia: Indicates if the patient has Alzheimer's disease or dementia.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Kidney Disease: Indicates if the patient has kidney disease.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Liver Disease: Indicates if the patient has liver disease.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Endocrine Condition: Indicates if the patient has an endocrine condition.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Neurological Condition: Indicates if the patient has a neurological condition.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Traumatic Brain Injury: Indicates if the patient has had a traumatic brain injury.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Joint Disease: Indicates if the patient has joint disease.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Cancer: Indicates if the patient has been diagnosed with cancer.	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Other Chronic Med Condition: Indicates if the patient has other chronic medical conditions	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
No Chronic Med Condition: Indicates if the patient has no chronic medical conditions	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Unknown Chronic Med Condition: Indicates if the patient's chronic medical condition is unknown	<ul style="list-style-type: none"> • False • True 	Text	5	Boolean	0.00

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Field Name and Description	Valid Domain Values	Type	Length	Data Type	Null Ratio
Cannabis Recreational Use: Indicates if the patient uses cannabis recreationally	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.11
Cannabis Medicinal Use: Indicates if the patient uses cannabis for medicinal purposes	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.12
Smokes: Indicates if the patient smokes	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Received Smoking Medication: Indicates if the patient has received smoking cessation medication	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Received Smoking Counseling: Indicates if the patient has received smoking counseling	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Serious Mental Illness: Indicates if the patient has a serious mental illness	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.01
Alcohol 12m Service: Indicates if the patient received alcohol-related services in the past 12 months	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Opioid 12m Service: Indicates if the patient received opioid-related services in the past 12 months	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Drug/Substance 12m Service: Indicates if the patient received drug/substance-related services in the past 12 months	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Principal Diagnosis Class: The principal diagnosis class of the patient	<ul style="list-style-type: none"> • Mental illness • Not MI – Organic Mental Disorder • Not MI – Developmental Disorders • Not MI – Other • Substance-Related and Addictive Disorders • Unknown 	Text	41	Nominal	0.04

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Field Name and Description	Valid Domain Values	Type	Length	Data Type	Null Ratio
Additional Diagnosis Class: Additional diagnosis class of the patient	<ul style="list-style-type: none"> • Mental illness • Not MI – Organic Mental Disorder • Not MI – Developmental Disorders • Not MI – Other • Substance-Related and Addictive Disorders • No Additional Diagnosis • Unknown 	Text	41	Nominal	0.19
SSI Cash Assistance: Indicates if the patient receives Supplemental Security Income (SSI)	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.14
SSDI Cash Assistance: Indicates if the patient receives Social Security Disability Insurance (SSDI)	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.14
Veterans Disability Benefits: Indicates if the patient receives veterans' disability benefits	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.11
Veterans Cash Assistance: Indicates if the patient receives veterans' cash assistance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.11
Public Assistance Cash Program: Indicates if the patient receives public assistance cash benefits	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.15
Other Cash Benefits: Indicates if the patient receives other cash benefits	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.14
Medicaid and Medicare Insurance: Indicates if the patient has both Medicaid and Medicare insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
No Insurance: Indicates if the patient has no insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.03
Unknown Insurance Coverage: Indicates if the patient's insurance coverage is unknown	<ul style="list-style-type: none"> • False • True 	Text	5	Boolean	0.00

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Medicaid Insurance: Indicates if the patient has Medicaid insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.04
Medicaid Managed Insurance: Indicates if the patient has managed Medicaid insurance	<ul style="list-style-type: none"> • Yes • No • Not Applicable • Unknown 	Text	14	Boolean	0.40
Medicare Insurance: Indicates if the patient has Medicare insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Private Insurance: Indicates if the patient has private insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.07
Child Health Plus Insurance: Indicates if the patient has Child Health Plus insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Other Insurance: Indicates if the patient has other insurance	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.08
Criminal Justice Status: Indicates the criminal justice status of the patient	<ul style="list-style-type: none"> • Yes • No • Unknown 	Text	7	Boolean	0.09
Three Digit Residence Zip Code: Three-digit residence zip code of the patient	<ul style="list-style-type: none"> • 100 – 149 • 777 - Indicates the patient lived in another state in US or another country. • 888 - Indicates the patient was homeless at the time of the survey. • 999 - Indicates the residential zip code is unknown 	Number	3	Nominal	0.00