

Data Inventory Field	Notes
Steward	The asterisk (*) against select values represents agencies at HHS
Demographics Available for Conducting Disparities/Equity Analyses	The asterisk (*) against the field title notes that some of the identified characteristics are based on the <i>Executive Order (EO) On Advancing Racial Equity and Support for Underserved Communities Through the Federal Government</i>
Identifiable SDOH Categories	The asterisk (*) against the field title notes that these domains are based on AHRQ's framework (https://www.ahrq.gov/sdoh/about.html).
Periodicity of Data Collection	Values in "Other" include: (1) every 60 days until discharge (Home Health Outcome and Assessment Information Set), (2) every three years (Kids' Inpatient Database), (3) continuously as each admission and discharge record is mined for data (Treatment Episode Data Set), and (4) every four months for two and a half to four years (Survey of Income and Program Participation).

Name	Fields Related to Characteristics							
	Acronym	Steward	URL	Periodicity of Data Collection	Source of Data	Administrative Data Type (if Applicable)	Lowest Level of Aggregation	Length of Observation
Medical Expenditure Panel Survey	MEPS	AHRQ*	https://www.meps.ahrq.gov/mepsw eb/	Annual	Survey	NA	Individual	Longitudinal (2 year overlapping cohorts)
State Inpatient Databases	HCUP-SID	AHRQ*	https://www.hcup-us.ahrq.gov/sidoverview.jsp	Annual	Administrative	Inpatient discharge records	Encounter/claim	Cross-sectional
Home Health Outcome and Assessment Information Set	OASIS	CMS*	https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/HomeHealthQualityInits/OASIS-Data-Sets	Other	Administrative	NA	Encounter/claim	Time-series
National (Nationwide) Inpatient Sample	HCUP-NIS	AHRQ*	https://www.hcup-us.ahrq.gov/nisoverview.jsp	Annual	Administrative	Inpatient discharge records	Encounter/claim	Cross-sectional
National Health Interview Survey	NHIS	CDC*	https://www.cdc.gov/nchs/nhis/about_nhis.htm#data	Annual	Survey	NA	Individual	Cross-sectional
United States Renal Data System	USRDS	NIH*	https://usrds.org/	Annual	Administrative	Hospital and administrative records	Individual	Cross-sectional
Kids' Inpatient Database	HCUP-KID	AHRQ*	https://www.hcup-us.ahrq.gov/db/nation/kid/kiddbdocumentation.jsp	Other	Administrative	Inpatient discharge records	Encounter/claim	Cross-sectional
Nationwide Readmissions Database	HCUP-NRD	AHRQ*	https://www.hcup-us.ahrq.gov/nrdoverview.jsp	Annual	Administrative	Inpatient discharge records	Encounter/claim	Cross-sectional
Nationwide Ambulatory Surgery Sample	HCUP-NASS	AHRQ*	https://www.hcup-us.ahrq.gov/nassoverview.jsp	Annual	Administrative	Hospital encounter records	Encounter/claim	Cross-sectional
State Ambulatory Surgery and Services Databases	HCUP-SASD	AHRQ*	https://www.hcup-us.ahrq.gov/sasdooverview.jsp	Annual	Administrative	Hospital encounter records	Encounter/claim	Cross-sectional
Nationwide Emergency Department Sample	HCUP-NEDS	AHRQ*	https://www.hcup-us.ahrq.gov/nedsoverview.jsp	Annual	Administrative	Hospital encounter records	Encounter/claim	Cross-sectional
State Emergency Department Databases	HCUP-SEDD	AHRQ*	https://www.hcup-us.ahrq.gov/db/state/sedddbdocumentation.jsp	Annual	Administrative	Hospital encounter records	Encounter/claim	Cross-sectional
Medicare Health Outcomes Survey	MHOS	CMS*	https://www.hosonline.org/	Annual	Survey	NA	Individual	Longitudinal
Behavioral Risk Factor Surveillance System	BRFSS	CDC*	https://www.cdc.gov/brfss/	Annual	Survey	NA	Individual	Cross-sectional

Name	Fields Related to Characteristics							
	Acronym	Steward	URL	Periodicity of Data Collection	Source of Data	Administrative Data Type (if Applicable)	Lowest Level of Aggregation	Length of Observation
Current Population Survey	CPS	U.S. Census Bureau	https://www.census.gov/programs-surveys/cps.html	Monthly	Survey	NA	Individual	Cross-sectional
Panel Study of Income Dynamics	PSID	University of Michigan	https://psidonline.isr.umich.edu/	Annual from 1968-1997, biennially after 1997	Survey	NA	Individual	Longitudinal
National Longitudinal Survey of Youth	NLSY	BLS	https://www.bls.gov/nls/nlsy79.htm#user-guides	Biennial	Survey	NA	Individual	Longitudinal
American Time Use Survey	ATUS	BLS	https://www.bls.gov/tus/home.htm	Annual	Survey	NA	Individual	Cross-sectional
National Health and Nutrition Examination Survey	NHANES	CDC*	https://www.cdc.gov/nchs/nhanes/index.htm	Annual	Survey	NA	Individual	Cross-sectional
National (Hospital) Ambulatory Medical Care Surveys	NHAMCS, NAMCS	CDC*	https://www.cdc.gov/nchs/ahcd/index.htm	Annual	Survey	NA	Encounter/claim	Cross-sectional
Medicare Current Beneficiary Survey	MCBS	CMS*	https://www.cms.gov/Research-Statistics-Data-and-Systems/Research/MCBS	Annual	Survey	NA	Individual	Longitudinal
Treatment Episode Data Set	TEDS	SAMHSA*	https://www.samhsa.gov/data/data-we-collect/teds-treatment-episode-data-set	Other**	Administrative	Encounter and discharge records	Encounter/claim	Cross-sectional
National Health and Aging Trends Study	NHATS	NIH*	https://nhats.org/	Annual	Survey	NA	Individual	Longitudinal
Survey of Income and Program Participation	SIPP	U.S. Census Bureau	https://www.census.gov/programs-surveys/sipp.html	Other	Survey	NA	Individual	Longitudinal
Consumer Expenditure Survey	CES	BLS	https://www.bls.gov/cex/	Annual	Survey	NA	Individual	Longitudinal
National Study of Caregiving	NSOC	NIH*	https://nhats.org/researcher/nsoc	Annual	Survey	NA	Individual	Historically cross-sectional; longitudinal data collection began in 2017
Health Economics Resource Center Average Cost Datasets	HERC	U.S. Department of Veterans Affairs	https://www.herc.research.va.gov/include/page.asp?id=guidebooks	Annual	Administrative	Hospital encounter records	Encounter/claim	Cross-sectional
Medicare claims (Research Identifiable Files)	RIF, CCW, MBSF, MedPAR	CMS*	https://resdac.org/articles/rif-medicare-quarterly-data	Quarterly	Administrative	Claims and enrollment	Individual (enrollment), encounter/claim (utilization)	Longitudinal (while continuously enrolled)
Medicaid claims (Research Identifiable Files)	RIF, TAF, MAX, CCW	CMS*	https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/MedicaidDataSourcesGenInfo/MAXGeneralInformation	Annual	Administrative	Claims and enrollment	Individual (enrollment), encounter/claim (utilization)	Longitudinal (while continuously enrolled)

Name	Fields Related to Size and Scope							
	Years of Data Available	Latest Available Sample Size	Latest Available Survey Response Rate (If Applicable)	Population Scope of Data	Data Nationally Representative/National Coverage?	Lowest Level of Geography Available	Lowest Level of Geography Available in Restricted-Use Data, for Publicly Available Data (If Applicable)	Urban-Rural Status Identifiable?
Medical Expenditure Panel Survey	1996-2019	30,716 individuals, 12,756 families	HC: 44.2% IC: 82% - Government; 59% Private	U.S. civilian noninstitutionalized population	Yes	Census region	County	Yes
State Inpatient Databases	1990-2019	7,522,497	NA	State inpatient hospitalizations	No	Zip code	NA	Yes
Home Health Outcome and Assessment Information Set	1999-2019	12,200 home agencies	NA	U.S. home health agencies	Yes	Zip code	NA	Yes
National (Nationwide) Inpatient Sample	1988-2019	7,105,498	NA	U.S. inpatient hospitalizations	Yes	Census division	NA	Yes
National Health Interview Survey	1957-2019	39,000	57%	U.S. civilian noninstitutionalized population	Yes	Census region	County	Yes
United States Renal Data System	2010-2019	1,291,640	NA	U.S. population with kidney disease	Yes	Zip code	NA	Yes
Kids' Inpatient Database	1997-2016	3,117,413	NA	U.S. inpatient hospitalizations of children (ages 0-20)	Yes	Census region	NA	Yes
Nationwide Readmissions Database	2010-2018	17,686,511	NA	U.S. inpatient hospital readmissions	Yes	None	NA	Yes
Nationwide Ambulatory Surgery Sample	2017-2018	7,758,917	NA	U.S. ambulatory surgeries	Yes	Census region	NA	Yes
State Ambulatory Surgery and Services Databases	1997-2019	39,723,583	NA	State ambulatory surgeries	No	Zip code	NA	Yes
Nationwide Emergency Department Sample	2006-2018	35,800,000	NA	U.S. emergency department visits	Yes	Census region	NA	Yes
State Emergency Department Databases	1999-2019	27,829,281	NA	State emergency department visits	No	Zip code	NA	Yes
Medicare Health Outcomes Survey	1998-2020	1,200	39%	U.S. Medicare Advantage beneficiaries	Yes	CMS region	Zip code	No
Behavioral Risk Factor Surveillance System	2015-2019	418,268	49%	U.S. civilian noninstitutionalized population	Yes	Metropolitan and micropolitan statistical areas	State	Yes

Name	Fields Related to Size and Scope							
	Years of Data Available	Latest Available Sample Size	Latest Available Survey Response Rate (If Applicable)	Population Scope of Data	Data Nationally Representative/National Coverage?	Lowest Level of Geography Available	Lowest Level of Geography Available in Restricted-Use Data, for Publicly Available Data (If Applicable)	Urban-Rural Status Identifiable?
Current Population Survey	1994-present	54,000	61.10%	U.S. civilian noninstitutionalized population	Yes	State	County	No
Panel Study of Income Dynamics	1968-2019	26,000	90%	U.S. civilian noninstitutionalized population	Yes	State	Zip code	Yes
National Longitudinal Survey of Youth	1979-2018	NLSY97: 8,984 NLSY79: 12,686 NLSCYA: 11,545	77%	U.S. civilian noninstitutionalized population (some age restrictions for specific cohorts)	Yes	Census region	Zip code	Yes
American Time Use Survey	2003-2019	9,435	42%	U.S. civilian noninstitutionalized population	Yes	State	NA	Yes
National Health and Nutrition Examination Survey	1959-2018	9,254	49%	U.S. civilian noninstitutionalized population	Yes	None	Census block	Yes
National (Hospital) Ambulatory Medical Care Surveys	1992	20,291	67.10%	U.S. hospital or ambulatory visits	Yes	Census division	County	Yes
Medicare Current Beneficiary Survey	2013-2020	11,548	55%	U.S. Medicare beneficiaries	Yes	None	Zip code	Yes
Treatment Episode Data Set	1992-2018 (admissions file); 2000-2018 (discharge file)	1.6M discharges, 1.9M admissions	NA	U.S. substance abuse treatment admissions for ages 12+	Yes	State	NA	Yes
National Health and Aging Trends Study	2011-present	16,283	2011 Cohort: 70.9%; 2015 Cohort: 72.1%	U.S. Medicare beneficiaries	Yes	Census division	Census tract	Yes
Survey of Income and Program Participation	1984-present	67,994 individuals	70%	U.S. civilian noninstitutionalized population	Yes	Metropolitan principal city indicator	NA	Yes
Consumer Expenditure Survey	1980-2020	132,242	Interview Survey: 49.54% Diary Survey: 43.5%	U.S. civilian noninstitutionalized population	Yes	Metropolitan Statistical Areas	NA	Yes
National Study of Caregiving	2011, 2015, 2017	2,361	61.90%	U.S. caregivers	Yes	Census division	Census tract	No
Health Economics Resource Center Average Cost Datasets	1998-present	Unknown	NA	U.S. veteran population	Yes	VA Station Number	NA	Unknown
Medicare claims (Research Identifiable Files)	1999-2020	Varies by file type; 61+ million beneficiaries	NA	U.S. Medicare beneficiaries	Yes	None	Zip code	No
Medicaid claims (Research Identifiable Files)	1999-2019	Varies by file type; 73+ million Medicaid beneficiaries; 6.7 million CHIP beneficiaries	NA	U.S. Medicaid and CHIP beneficiaries	Yes	None	Zip code	No

Name	Fields Related to Access		
	Publicly Available Data?	Additional Restricted-Use Data Available, for Publicly Available Data (If Applicable)?	Cost of Data
Medical Expenditure Panel Survey	Yes	Yes	Free for public-use data; >=\$100 for restricted-use data
State Inpatient Databases	No	NA	Cost varies by project scope/amount of data requested
Home Health Outcome and Assessment Information Set	No	NA	>=\$100 for restricted-use data
National (Nationwide) Inpatient Sample	No	NA	Cost varies by project scope/amount of data requested
National Health Interview Survey	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
United States Renal Data System	No	NA	<\$100 for restricted-use data
Kids' Inpatient Database	No	NA	Cost varies by project scope/amount of data requested
Nationwide Readmissions Database	No	NA	Cost varies by project scope/amount of data requested
Nationwide Ambulatory Surgery Sample	No	NA	Cost varies by project scope/amount of data requested
State Ambulatory Surgery and Services Databases	No	NA	Cost varies by project scope/amount of data requested
Nationwide Emergency Department Sample	No	NA	Cost varies by project scope/amount of data requested
State Emergency Department Databases	No	NA	Cost varies by project scope/amount of data requested
Medicare Health Outcomes Survey	Yes	Yes	Free for public-use data; >=\$100 for restricted-use data
Behavioral Risk Factor Surveillance System	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data

Name	Fields Related to Access		
	Publicly Available Data?	Additional Restricted-Use Data Available, for Publicly Available Data (If Applicable)?	Cost of Data
Current Population Survey	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
Panel Study of Income Dynamics	Yes	Yes	Free for public-use data; >=\$100 for restricted-use data
National Longitudinal Survey of Youth	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
American Time Use Survey	Yes	No	Free for public-use data
National Health and Nutrition Examination Survey	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
National (Hospital) Ambulatory Medical Care Surveys	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
Medicare Current Beneficiary Survey	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
Treatment Episode Data Set	Yes	No	Free for public-use data
National Health and Aging Trends Study	Yes	Yes	Free for public-use data; <\$100 for restricted-use data
Survey of Income and Program Participation	Yes	Yes	Free for public-use data; Cost varies by project scope/amount of data requested for restricted-use data
Consumer Expenditure Survey	Yes	No	Free for public-use data
National Study of Caregiving	No	NA	Cost varies by project scope/amount of data requested
Health Economics Resource Center Average Cost Datasets	No	NA	<\$100 for restricted-use data
Medicare claims (Research Identifiable Files)	No	NA	Cost varies by project scope/amount of data requested
Medicaid claims (Research Identifiable Files)	No	NA	Cost varies by project scope/amount of data requested

Name	Fields Related to Economic Outcomes				
	Available Economic Outcome Categories	Available Economic Outcome Measures, by Category	Economic Perspectives Represented	Identifiable SDOH Categories*	Demographics Available for Conducting Disparities/Equity Analyses*
Medical Expenditure Panel Survey	Direct Medical Costs, Direct Non-Medical Costs, Indirect Costs	<u>Direct Medical Costs:</u> Insurance premium, OOP health care costs <u>Direct Non-Medical Costs:</u> Informal Caregiving <u>Indirect Costs:</u> Absenteeism	Patient, Caregiver, Employer, Payer	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Urban-rural status, Income or income status
State Inpatient Databases	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files can be used to convert inpatient charges to hospital-level costs	Patient, Payer	Social context, Economic context, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Urban-rural status
Home Health Outcome and Assessment Information Set	Direct Medical Costs, Indirect Costs	<u>Direct Medical Costs:</u> Paid/reimbursed amount <u>Indirect Costs:</u> Time costs: home production and leisure	Patient, Payer	Social context, Economic context, Education, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Urban-rural status, Income or income status
National (Nationwide) Inpatient Sample	Direct Medical Costs, Direct Non-Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* <u>Direct Non-Medical Costs:</u> Time costs: healthcare seeking *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files can be used to convert inpatient charges to hospital-level costs	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Income or income status, Urban-rural status
National Health Interview Survey	Direct Medical Costs, Indirect Costs	<u>Direct Medical Costs:</u> OOP health care costs <u>Indirect Costs:</u> Absenteeism, Time costs: home production and leisure, Inability to work, Productivity	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, LGBTQ+, Disability status, Urban-rural status, Income or income status
United States Renal Data System	Direct Medical Costs	<u>Direct Medical Costs:</u> Paid/reimbursed amount, OOP health care costs	Patient, Payer	Social context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Urban-rural status
Kids' Inpatient Database	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files can be used to convert inpatient charges to hospital-level costs	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Income or income status, Urban-rural status
Nationwide Readmissions Database	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files can be used to convert inpatient charges to hospital-level costs	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Income or income status, Urban-rural status
Nationwide Ambulatory Surgery Sample	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files cannot be used with these data.	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Income or income status, Urban-rural status
State Ambulatory Surgery and Services Databases	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files cannot be used with these data.	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity (some states), Income or income status, Urban-rural status
Nationwide Emergency Department Sample	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files cannot be used with these data.	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Income or income status, Urban-rural status
State Emergency Department Databases	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) paid/reimbursed amount* *source data captures utilization and charges, but HCUP's Cost-to-Charge Ratio for Inpatient Files cannot be used with these data.	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Urban-rural status
Medicare Health Outcomes Survey	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Informal caregiving <u>Indirect Costs:</u> Time costs: home production and leisure, Productivity	Patient	Social context, Economic context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Disability status, Income or income status
Behavioral Risk Factor Surveillance System	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Informal Caregiving <u>Indirect Costs:</u> Time costs: home production & leisure	Patient	Social context, Economic context, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EO:</u> Race/ethnicity, Income or income status, Urban-rural status

Name	Fields Related to Economic Outcomes				
	Available Economic Outcome Categories	Available Economic Outcome Measures, by Category	Economic Perspectives Represented	Identifiable SDOH Categories*	Demographics Available for Conducting Disparities/Equity Analyses*
Current Population Survey	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Informal Caregiving <u>Indirect Costs:</u> Absenteeism, Inability to work	Patient, Employer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Income or income status
Panel Study of Income Dynamics	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Informal Caregiving <u>Indirect Costs:</u> Absenteeism, Time costs: home production & leisure	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Religious affiliation, Disability Status, Urban-rural status, Income or income status
National Longitudinal Survey of Youth	Indirect Costs	<u>Indirect Costs:</u> Productivity	Patient	Social context, Economic context, Education, Physical Infrastructure	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Religious affiliation, Disability status, Urban-rural status, Income or income status
American Time Use Survey	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Informal Caregiving <u>Indirect Costs:</u> Inability to work	Patient	Social context, Economic context, Education, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Disability status, Urban-rural status, Income or income status
National Health and Nutrition Examination Survey	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Special food <u>Indirect Costs:</u> Time costs: home production and leisure	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Urban-rural status, Income or income status
National (Hospital) Ambulatory Medical Care Surveys	Direct Medical Costs	<u>Direct Medical Costs:</u> Paid/reimbursed amount	Patient, Payer	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Urban-rural status
Medicare Current Beneficiary Survey	Direct Medical Costs, Direct Non-Medical Costs	<u>Direct Medical Costs:</u> OOP health care costs <u>Direct Non-Medical Costs:</u> Transportation, Time costs: health care seeking	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability Status, Urban-rural status, Income or income status
Treatment Episode Data Set	Indirect Costs	<u>Indirect Costs:</u> Inability to work	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Urban-rural status
National Health and Aging Trends Study	Indirect Costs	<u>Indirect Costs:</u> Inability to work	Patient	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Urban-rural status, Income or income status
Survey of Income and Program Participation	Direct Medical Costs, Direct Non-Medical Costs, Indirect Costs	<u>Direct Medical Costs:</u> OOP health care costs, Insurance premium <u>Direct Non-Medical Costs:</u> Transportation, Time costs: health care seeking, Informal Caregiving <u>Indirect Costs:</u> Absenteeism, Time costs: home productivity	Patient, Caregiver	Social context, Economic context, Education, Physical Infrastructure, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Urban-rural status, Income or income status
Consumer Expenditure Survey	Direct Medical Costs	<u>Direct Medical:</u> Other OOP Medical Expenses, Insurance Premium	Patient, Employer	Social context, Economic context, Physical Infrastructure, Healthcare Context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Urban-rural status, Income or income status
National Study of Caregiving	Direct Non-Medical Costs, Indirect Costs	<u>Direct Non-Medical Costs:</u> Time costs: Informal caregiving, Transportation, Special food, Time costs: healthcare seeking, home modifications, housekeeping <u>Indirect costs:</u> Absenteeism, Inability to work	Caregiver	Social context, Economic context, Education, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Income or income status
Health Economics Resource Center Average Cost Datasets	Direct Medical Costs	<u>Direct Medical Costs:</u> (Approximation of) Paid/reimbursed amount, OOP health care costs* <i>*Estimates are average costs</i>	Patient, Payer	Social context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Unknown
Medicare claims (Research Identifiable Files)	Direct Medical Costs	<u>Direct Medical Costs:</u> Paid/reimbursed amount, OOP health care costs	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status
Medicaid claims (Research Identifiable Files)	Direct Medical Costs	<u>Direct Medical Costs:</u> Paid/reimbursed amount, OOP health care costs	Patient, Payer	Social context, Economic context, Healthcare context	<u>Age and sex available?</u> Yes <u>Other available characteristics based on the EQ:</u> Race/ethnicity, Disability status, Income or income status

Name	Other Fields				
	Existing Data Linkages (with Federal and Non-Federal Data)	Strengths of Data Source	Limitations of Data Source	Link to Data Documentation Page	Example Publication (Economic Analysis)
Medical Expenditure Panel Survey	NHIS	Multiple years available, large sample, panel data, publicly available data, nationally representative data, multiple economic outcome categories observable, multiple economic perspectives represented	Lacks direct non-medical costs; limited geography in public-use files; limited linkage capacity; omits institutionalized individuals (thus missing such segments of the population as older adults in nursing homes and other long-term care facilities); self-reported; sampling design	https://meps.ahrq.gov/data_stats/download_data_files.jsp	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5390377/
State Inpatient Databases	SEDD, SASD, AHA (selected vars)	Multiple years available, administrative data so higher accuracy, multiple economic perspectives represented, linkable to many other data sources	Lacks indirect and direct non-medical costs; charges only (no payments); restricted access; cross-sectional data limits more rigorous analysis using panel data; limited geographic detail; not nationally representative	https://www.hcup-us.ahrq.gov/db/state/siddbdocumentation.jsp	https://www.sciencedirect.com/science/article/pii/S0741521410013133
Home Health Outcome and Assessment Information Set	Other CMS data	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic outcome categories observable, multiple economic perspectives represented, linkable to multiple data sources	Lacks direct non-medical costs; limited geographic detail; self-reported; sampling design; restricted access	https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/HomeHealthQualityInits/HHQIOASISUserManual	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4529994/#:~:text=The%20Outcome%20and%20Assessment%20Information%20Set%20(OASIS)%20is%20a%20comprehensive,%5B%5D%2C%202009a
National (Nationwide) Inpatient Sample	None since 2012	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks indirect costs; charges only (no payments); limited geographic detail; restricted access; no existing data linkages; cross-sectional data limits more rigorous analysis using panel data	https://hcup-us.ahrq.gov/db/nation/nis/nisdbdocumentation.jsp	https://pubmed.ncbi.nlm.nih.gov/29617533/
National Health Interview Survey	MEPS, NIPRCS, NHANES, NDI, Medicare, Medicaid, SSA, HUD	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic outcome categories observable, linkable to multiple data sources	Lacks direct non-medical costs; limited geography in public-use files; omits institutionalized individuals; only patient perspective is represented; self-reported; sampling design; cross-sectional data limits more rigorous analysis using panel data	https://www.cdc.gov/nchs/nhis/data-questionnaires-documentation.htm	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5980371/
United States Renal Data System	Centers for Medicare & Medicaid Services (CMS), the United Network for Organ Sharing (UNOS)	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks direct non-medical costs and indirect costs; restricted access; cross-sectional data limits more rigorous analysis using panel data	https://www.usrds.org/for-researchers/researchers-guide/	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7568064/
Kids' Inpatient Database	None since 2012	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks indirect and direct non-medical costs; charges only (no payments); limited geographic detail; no existing data linkages; restricted access; cross-sectional data limits more rigorous analysis using panel data; limited geographic detail	https://www.hcup-us.ahrq.gov/db/nation/kid/kiddbdocumentation.jsp	https://pubmed.ncbi.nlm.nih.gov/31876164/
Nationwide Readmissions Database	None (observations are linked within the dataset)	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks indirect and direct non-medical costs; restricted access; no existing data linkages; cross-sectional data limits more rigorous analysis using panel data; limited geographic detail	https://www.hcup-us.ahrq.gov/db/nation/nrd/nrddbdocumentation.jsp	https://link.springer.com/article/10.1007/s11999-017-5244-6
Nationwide Ambulatory Surgery Sample	None	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks indirect and direct non-medical costs; charges only (no payments); limited geographic detail; no existing data linkages; restricted access; cross-sectional data limits more rigorous analysis using panel data	https://www.hcup-us.ahrq.gov/db/nation/nass/nassdbdocumentation.jsp	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7388821/
State Ambulatory Surgery and Services Databases	SEDD, SID, AHA (selected vars)	Multiple years available, administrative data so higher accuracy, multiple economic perspectives represented	Lacks indirect and direct non-medical costs; charges only (no payments); limited geographic detail; no existing data linkages; restricted access; cross-sectional data limits more rigorous analysis using panel data; not nationally representative	https://www.hcup-us.ahrq.gov/db/state/sasdbdocumentation.jsp	http://www.uphs.upenn.edu/surgery/research/health_economics/databases/NIS.pdf
Nationwide Emergency Department Sample	None	Multiple years available, administrative data so higher accuracy, nationally representative data, multiple economic perspectives represented	Lacks indirect and direct non-medical costs; charges only (no payments); limited geographic detail; no existing data linkages; restricted access; cross-sectional data limits more rigorous analysis using panel data	https://www.hcup-us.ahrq.gov/db/nation/neds/nedsdbdocumentation.jsp	https://pubmed.ncbi.nlm.nih.gov/26005017/
State Emergency Department Databases	SASD, SID, AHA (selected vars)	Multiple years available, administrative data so higher accuracy, multiple economic perspectives represented, linkable to multiple data sources	Lacks indirect and direct non-medical costs; charges only (no payments); limited geographic detail; restricted access; cross-sectional data limits more rigorous analysis using panel data; not nationally representative	https://www.hcup-us.ahrq.gov/db/state/seddbdocumentation.jsp	http://www.uphs.upenn.edu/surgery/research/health_economics/databases/NIS.pdf
Medicare Health Outcomes Survey	SEER	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data, multiple economic outcome categories observable	Lacks direct medical costs; limited linkage capacity; limited geographic detail; self-reported; sampling design; only patient perspective is represented	https://www.hosonline.org/en/data-dissemination/research-data-files/	https://pubmed.ncbi.nlm.nih.gov/33472483/
Behavioral Risk Factor Surveillance System	None	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic outcome categories observable, state-level data available in public-use files	Self-reported; sampling design; limited geographic detail; cross-sectional data limits more rigorous analysis using panel data; omits institutionalized individuals; no existing data linkages; only patient perspective is represented; lacks direct medical costs	https://www.cdc.gov/brfss/data_documentation/index.htm	https://www.sciencedirect.com/science/article/abs/pii/S193665741100689 https://www.sciencedirect.com/science/article/abs/pii/S0167629604000207

Name	Other Fields				
	Existing Data Linkages (with Federal and Non-Federal Data)	Strengths of Data Source	Limitations of Data Source	Link to Data Documentation Page	Example Publication (Economic Analysis)
Current Population Survey	None	Multiple years available, large sample, monthly data, publicly available data, nationally representative data, multiple economic outcome categories observable, multiple perspectives represented; state-level data available in public-use files	Self-reported; sampling design; limited geographic detail; cross-sectional data limits more rigorous analysis using panel data; omits institutionalized individuals; no existing linkages; lacks direct medical costs	https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html	https://pubmed.ncbi.nlm.nih.gov/32500777/
Panel Study of Income Dynamics	Medicare, HUD, NCES, NDI	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data, multiple economic outcome categories observable, multiple perspectives represented, linkable to multiple data sources; state-level data available in public-use files	Self-reported; sampling design; limited geographic detail; omits institutionalized individuals; only patient perspective is represented; lacks direct medical costs	https://psidonline.isr.umich.edu/guide/documents.aspx	https://psidonline.isr.umich.edu/DUST/dust09_UserGuide.pdf
National Longitudinal Survey of Youth	None	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data	Lacks direct medical and direct non-medical costs; self-reported; sampling design; no existing linkages; limited geographic detail; omits institutionalized individuals; only patient perspective is represented	https://www.nlsinfo.org/content/cohort/nlsy97/using-and-understanding-the-data/nlsy97-documentation#supplemental	https://onlinelibrary.wiley.com/doi/abs/10.1002/ajim.22559
American Time Use Survey	Current Population Survey (CPS)	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic outcome categories observable, state-level data available in public-use files	Lacks direct medical costs; self-reported; sampling design; cross-sectional data limits more rigorous analysis using panel data; omits institutionalized individuals; limited linkage capacity; only patient perspective is represented	https://www.bls.gov/tus/documents.htm	https://pubmed.ncbi.nlm.nih.gov/31419902/
National Health and Nutrition Examination Survey	NDI, Medicare, Medicaid, SSA, HUD	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic outcome categories observable, linkable to multiple data sources	Self-reported; sampling design; limited geographic detail; cross-sectional data limits more rigorous analysis using panel data; only patient perspective is represented; lacks direct medical costs	https://www.cdc.gov/nchs/nhanes/	https://www.jmcp.org/doi/full/10.18553/jmcp.2019.19191
National (Hospital) Ambulatory Medical Care Surveys	National Death Index (NDI) mortality data; Medicare enrollment and claims data; Social Security Benefit History Data; and Medical Expenditure Panel Survey (MEPS) data; and Dual Energy X-Ray Absorptiometry (DXA) Multiple Imputation Data Files from 1999–2004	Multiple years available, large sample, publicly available data, nationally representative data, multiple economic perspectives represented, linkable to multiple data sources	Self-reported; sampling design; limited geographic detail; cross-sectional data limits more rigorous analysis using panel data; lacks indirect and direct non-medical costs	https://www.cdc.gov/nchs/ahcd/data/ets_documentation_related.htm	https://pubmed.ncbi.nlm.nih.gov/27074526/
Medicare Current Beneficiary Survey	Medicare claims, Cost & Use, Access to Care, & Cost modules	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data, multiple economic outcome categories observable	Self-reported; sampling design; limited geographic detail; not generalizable to non-Medicare populations; only patient perspective is represented; lacks indirect costs	https://www.cms.gov/Research-Statistics-Data-and-Systems/Research/MCBS/Codebooks	https://www.healthaffairs.org/doi/10.1377/hlthaff.2020.01891
Treatment Episode Data Set	Unknown	Multiple years available, administrative data so higher accuracy, publicly available data, nationally representative data, linkable to multiple data sources, state-level data available in public-use files	Limited geographic detail; cross-sectional data limits more rigorous analysis using panel data; lacks direct medical and direct non-medical costs; only patient perspective is represented	https://www.datafiles.samhsa.gov/dataset/treatment-episode-data-set-admissions-2018-teds-2018-ds0001	https://www.ncbi.nlm.nih.gov/books/NBK385064/
National Health and Aging Trends Study	Medicare, NSOC	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data	Self-reported; sampling design; limited geographic detail; not generalizable to non-Medicare populations; lacks direct medical and direct non-medical costs; only patient perspective is represented	https://www.nhats.org/researcher/nhats/methods-documentation?id=user_guide	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6844902/
Survey of Income and Program Participation	Social Security Administration (SSA) data	Multiple years available, large sample, longitudinal data, publicly available data, nationally representative data, multiple economic outcome categories observable, state-level data available in public-use files	Self-reported; sampling design; limited geographic detail; omits institutionalized individuals; limited linkage capacity; only patient perspective is represented	https://www.census.gov/programs-surveys/sipp/tech-documentation.html	https://academic.oup.com/swr/article-abstract/25/3/143/1680402
Consumer Expenditure Survey	None	Nationally representative data, metropolitan statistical area and state-level data available in public-use files, multiple years available, longitudinal data, publicly available data	Self-reported sampling design; no linkages; omits institutionalized individuals	https://www.bls.gov/cex/pumd_data.htm	https://www.federalreserve.gov/pubs/feds/2007/200716/200716pap.pdf
National Study of Caregiving	NHATS; Master Beneficiary Summary Files: Base A/B/D, Chronic Conditions, Cost & Utilization, Other Chronic or Potentially Disabling Conditions; Part A & B claims, Minimum Data Set, OASIS, IRF-PAI, Part D Event, MEDPAR, Medicare Encounter files, Medicaid Analytic Extract, Transformed Medicaid Statistical Information System Analytic Files	Nationally representative data, multiple economic outcome categories observable, linkable to multiple data sources, longitudinal data	Few years available, restricted access, self-reported sampling design, lacks direct medical costs	https://nhats.org/researcher/nsoc/methods-documentation?id=user_guide	https://link.springer.com/chapter/10.1007/978-3-030-24135-3_20
Health Economics Resource Center Average Cost Datasets	VA's Patient Treatment Files (PTF)	Multiple years available, large sample, nationally representative data, administrative data so higher accuracy	estimates are average costs implying limited variation in the data, lacks direct non-medical and indirect costs, restricted access	https://www.herc.research.va.gov/incl/ude/page.asp?id=guidebook-inpt-ac	https://www.rehab.research.va.gov/JOURL/2014/518/jrrd-2013-11-0249.html
Medicare claims (Research Identifiable Files)	Other CMS data, registries (SEER, USRDS), other NCHS surveys (NHIS, NHANES, LSOA, NNHS), other surveys (HRS, NHATS)	Multiple years available, large sample, longitudinal (while enrolled), national data, detailed payment, procedure, & diagnosis variables, geographic detail, identifiers for providers and facilities, identifiers available for linkage, includes institutionalized population	Lacks indirect and direct non-medical costs; cost and application process	https://www2.ccwdata.org/web/guest/data-dictionaries	https://www.healthaffairs.org/doi/10.1377/hlthaff.2020.00649
Medicaid claims (Research Identifiable Files)	Other CMS data	Multiple years available, large sample, longitudinal (while enrolled), national data, detailed payment, procedure, & diagnosis variables, geographic detail, identifiers for providers and facilities, identifiers available for linkage, includes institutionalized population	Lacks indirect and direct non-medical costs; cost and application process	https://www2.ccwdata.org/web/guest/data-dictionaries	https://pubmed.ncbi.nlm.nih.gov/33288460/