



Understand and Improve Community Health with Manifest MedEx's County Population Health Reports

Get accurate and timely health and social data specific to your communities

County health agencies rely on population health data to guide, plan, and fund their initiatives to support healthier, resilient communities, but getting timely and accurate health data can be a challenge.

Publicly available health data is often outdated, fragmented, difficult to acquire, integrate, and utilize for many vital services provided by county agencies. Building a bridge between clinical data and social health data across multiple health domains can be a manual and resource-intensive process.

This makes it difficult for health departments to have real-time actionable insights into the health of their communities, respond quickly to emerging health and social needs, and make proactive, data-informed decisions to manage population health and support whole-person community care.

Real Time California Population Health Data by Zip Code and Census Tracts

Manifest MedEx (MX), California's largest nonprofit health data network, combines and delivers crucial health and social services information for more than 50M individuals across a network that spans every county in the state.

This robust network enables MX to offer cost-effective County Population Health Reports that provide Limited Data Sets — as defined by HIPAA — collected in near real-time that are aggregated for eight health domains reported across a geography (i.e., county, zip code, and census tracts). Each of the eight reports contain standard dimensions: age group, gender and gender identity, sexual orientation, race, ethnicity, and language, enabling easy stratification by these important factors. In addition, counties receive a Population Summary Report that provides the total count of individuals for every possible combination of geographic and demographic dimensions.*

Eight Health Domains in MX's County Population Health Reports

- Behavioral Health
- Chronic Conditions
- Immunizations
- Preventative Care
- Sexual Health
- Social Drivers of Health (SDOH)
- Substance Use Disorders (SUD)
- Utilization

These reports include critical data and measures relevant to that facet of a population's health and can be imported into most county databases to generate multi-dimensional dashboards and analytics. These reports give users a more holistic understanding of communities as they are today and provide powerful insights into community health needs and opportunities to improve community health.

*Population counts provided are based on an "active" patient population for the county, defined as records with a healthcare interaction from a participant of the MX network, Data Exchange Framework, or national networks, or eligible information from an MX participating health plan, IPA, or ACO within 24 months of the report being generated.

MX County Population Health Reports, Dimensions, and Measures

Dimensions Common Across All Reports: County, Zip Code, Census Tract, Age Group, Sex, Sexual Orientation, Gender Identity, Race, Ethnicity, Language



Behavioral Health

- ✓ PHQ2 Screening
- ✓ PHQ9 Screening



Chronic Conditions

- ✓ Diabetes
- ✓ Heart Conditions
- ✓ Kidney Conditions
- ✓ Liver Conditions
- ✓ Lower Respiratory Conditions
- ✓ Nephrotic Syndrome
- ✓ Stroke and Other Cerebrovascular Conditions



Immunizations

- ✓ Covid-19
- ✓ DTaP/Tdap/Td
- ✓ Hepatitis A
- ✓ Hepatitis B
- ✓ HPV
- ✓ Influenza (HiB, etc.)
- ✓ MMR
- ✓ Pneumococcal



Preventative Care

- ✓ Breast Cancer Screenings
- ✓ Cardiovascular Disease Screenings
- ✓ Colorectal Cancer Screenings
- ✓ Diabetes Screenings
- ✓ Lung Cancer Screenings
- ✓ Prostate Cancer Screenings



Sexual Health

- ✓ Chancroid
- ✓ Chlamydia
- ✓ Donovanosis
- ✓ Gonorrhea
- ✓ Hepatitis B/C
- ✓ Herpes
- ✓ Human Papillomavirus
- ✓ STI total
- ✓ Syphilis
- ✓ Trichomoniasis



SDoH (Social Drivers of Health)

- ✓ Community Support
- ✓ Enhanced Care Management
- ✓ Education and Literacy
- ✓ Employment and Unemployment
- ✓ Family and Relationship
- ✓ Housing and Economic Circumstances
- ✓ Occupational Exposure to Risk Factors
- ✓ Physical Environment Issues
- ✓ Problems Related to Upbringing
- ✓ Psychosocial Circumstances
- ✓ Social Environment Issues



Substance Use Disorder

- ✓ Use of Alcohol
- ✓ Use of Cannabis
- ✓ Use of Cocaine
- ✓ Use of Hallucinogens
- ✓ Use of Inhalants
- ✓ Use of Nicotine
- ✓ Use of Opioids
- ✓ Use of Other Psychoactive Substances and Multiple Drug Use
- ✓ Use of Other Stimulants, including Caffeine
- ✓ Use of Sedatives, Hypnotics, Anxiolytics



Utilization

- ✓ Emergency Department Encounters
- ✓ Inpatient Encounters
- ✓ Outpatient Encounters

With MX's County Population Health Reports, county health agencies can:

Make Informed Decisions

With our County Population Health Reports, health agencies get the data they need to identify and support groups with specific shared characteristics across multiple health domains within a geography to target the right resources when and where they are needed most.

Track, Measure, and Adapt in Real-Time

Manifest MedEx exchanges health data in real-time and provides County Population Health Reports on a quarterly basis. This timely data helps health agencies accurately track and measure the impact of their initiatives and adapt as needed. Data-driven, rigorous reporting also improves transparency and accountability in public health initiatives, fostering more trust with the communities served.

Save Time and Resources

County Population Health Reports minimize the time and manual effort required for data collection, data aggregation, and processing across multiple health domains. Reports are delivered in easy-to-use CSV files that can be imported into most existing county databases and dashboards for analysis.

Example: Chronic Conditions Report (with synthetic data for illustration only)

COUNTY	ZIP	CENSUS	AGE GROUP	SEX	ORIENTATION	GENDER IDENTITY	RACE	ETHNICITY	LANGUAGE	CHRONIC LOWER RESPIRATORY CONDITIONS TOTAL	DIABETES TOTAL	HEART CONDITIONS TOTAL	KIDNEY CONDITIONS TOTAL	LIVER CONDITIONS TOTAL	NEPHROTIC SYNDROME TOTAL	STROKE AND OTHER CEREBROVASCULAR CONDITIONS TOTAL
COUNTY A	91000	1282	26-39 YEARS	M	HETEROSEXUAL	MALE	OTHER RACE	HISPANIC OR LATINO	OTHER	77	55	32	60	25	93	77
COUNTY A	91000	1212	26-39 YEARS	F	UNKNOWN	FEMALE	WHITE	NON-HISPANIC OR LATINO	OTHER	20	35	60	7	23	50	7
COUNTY A	91000	1191	26-39 YEARS	F	HETEROSEXUAL	FEMALE	OTHER RACE	NON-HISPANIC OR LATINO	ENGLISH	43	59	25	97	49	72	86
COUNTY A	91000	1041.02	26-39 YEARS	F	UNKNOWN	UNKNOWN	WHITE	HISPANIC OR LATINO	ENGLISH	5	96	38	88	76	67	33
COUNTY A	91000	1070	26-39 YEARS	F	HETEROSEXUAL	FEMALE	OTHER RACE	NON-HISPANIC OR LATINO	ENGLISH	72	11	65	99	57	6	68
COUNTY A	91000	1121	26-39 YEARS	F	UNKNOWN	FEMALE	WHITE	HISPANIC OR LATINO	OTHER	40	18	11	5	56	21	63
COUNTY A	91000	1170	26-39 YEARS	F	HETEROSEXUAL	UNKNOWN	OTHER RACE	NON-HISPANIC OR LATINO	ENGLISH	88	63	81	85	68	43	34
COUNTY A	91000	1041.04	26-39 YEARS	M	UNKNOWN	MALE	WHITE	NON-HISPANIC OR LATINO	OTHER	93	89	22	56	99	17	64
COUNTY A	91000	1121	26-39 YEARS	M	HETEROSEXUAL	UNKNOWN	ASIAN	UNKNOWN	ENGLISH	46	2	31	15	82	0	92
COUNTY A	91000	1050.01	26-39 YEARS	M	UNKNOWN	MALE	WHITE	NON-HISPANIC OR LATINO	OTHER	56	92	16	60	81	73	21
COUNTY A	91000	1242	26-39 YEARS	F	HETEROSEXUAL	FEMALE	WHITE	UNKNOWN	ENGLISH	34	29	76	16	73	35	29
COUNTY A	91000	1021	26-39 YEARS	M	UNKNOWN	MALE	OTHER RACE	NON-HISPANIC OR LATINO	OTHER	17	21	44	86	14	17	39
COUNTY A	91000	1022.03	26-39 YEARS	M	HETEROSEXUAL	MALE	WHITE	UNKNOWN	ENGLISH	59	10	36	46	85	13	7
COUNTY A	91000	1041.04	26-39 YEARS	M	UNKNOWN	MALE	OTHER RACE	UNKNOWN	ENGLISH	9	9	65	99	34	97	71
COUNTY A	91000	1042	26-39 YEARS	F	HETEROSEXUAL	FEMALE	OTHER RACE	NON-HISPANIC OR LATINO	ENGLISH	47	41	42	5	67	22	36
COUNTY A	91000	1050.01	26-39 YEARS	F	UNKNOWN	FEMALE	BLACK OR AFRICAN AMERICAN	NON-HISPANIC OR LATINO	OTHER	3	41	39	43	26	2	19
COUNTY A	91000	1170	6-12 YEARS	F	HETEROSEXUAL	FEMALE	WHITE	NON-HISPANIC OR LATINO	OTHER	63	64	0	36	82	25	74
COUNTY A	91000	1181	6-12 YEARS	F	UNKNOWN	UNKNOWN	OTHER RACE	HISPANIC OR LATINO	OTHER	29	38	63	16	94	16	30
COUNTY A	91000	1011	6-12 YEARS	M	HETEROSEXUAL	MALE	WHITE	NON-HISPANIC OR LATINO	OTHER	28	52	86	26	64	49	72
COUNTY A	91000	0	80-119 YEARS	F	UNKNOWN	UNKNOWN	WHITE	NON-HISPANIC OR LATINO	ENGLISH	42	44	41	66	29	59	64
COUNTY A	91000	0	80-119 YEARS	M	HETEROSEXUAL	MALE	WHITE	NON-HISPANIC OR LATINO	ENGLISH	99	23	69	78	79	59	69
COUNTY A	91000	0	80-119 YEARS	M	UNKNOWN	UNKNOWN	ASIAN	NON-HISPANIC OR LATINO	OTHER	12	52	5	17	54	62	38
COUNTY A	91000	0	80-119 YEARS	F	HETEROSEXUAL	UNKNOWN	WHITE	UNKNOWN	ENGLISH	32	67	18	48	87	19	80
COUNTY A	91000	0	80-119 YEARS	M	UNKNOWN	UNKNOWN	WHITE	NON-HISPANIC OR LATINO	ENGLISH	86	2	75	86	36	25	1
COUNTY A	91000	1082.02	80-119 YEARS	M	HETEROSEXUAL	UNKNOWN	BLACK OR AFRICAN AMERICAN	UNKNOWN	ENGLISH	3	27	39	79	33	28	83

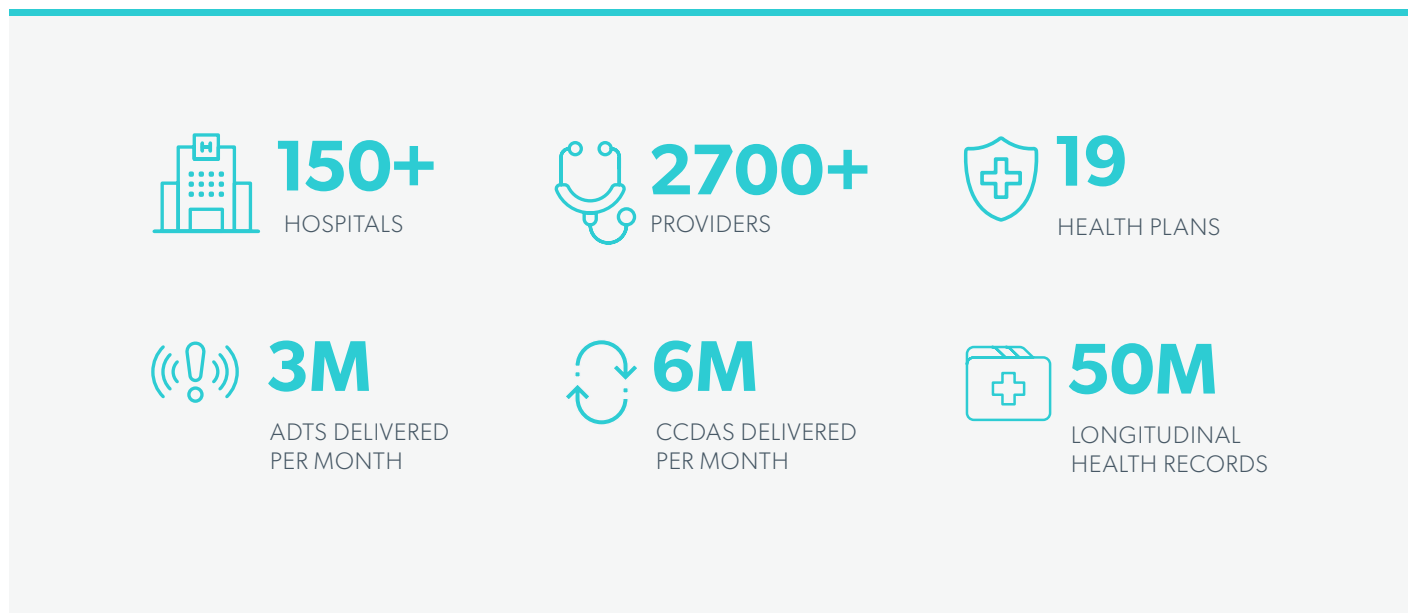
For example, with the sample Chronic Conditions Report above, we see that of the Hispanic or Latino heterosexual males from the ages of 26-39 within the census tract 1282 in County A:

- 77 have been diagnosed with a chronic lower respiratory condition
- 55 have been diagnosed with diabetes
- 32 have been diagnosed with a heart condition
- 60 have been diagnosed with a kidney condition
- 25 have been diagnosed with a liver condition
- 93 have been diagnosed with nephrotic syndrome
- 77 have experienced a stroke or other cerebrovascular condition

About the Manifest MedEx Network

Manifest MedEx seamlessly connects and exchanges data with more than 70 different EHRs across California – from the largest vendors used by hospitals, health plans, larger physician groups, and FQHCs to smaller EHRs more common among independent practices, community health centers, and other providers.

Our network spans across every county in California:



As the largest nonprofit qualified health information (QHIO) under the California Data Exchange Framework (DxF) and a member of national networks like eHealth Exchange and Carequality, Manifest MedEx also delivers health information from outside the MX Network, including from some of California's largest health systems, like Kaiser Permanente and CommonSpirit.

Visit our website or contact us at info@manifestmedex.org to learn more about our County Population Health Reports.