



Eliminating Health Disparities Through Z Codes

National Rural Health Center

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Indiana Hospital Association

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IHA Work on Social Drivers of Health

Social Determinants of Health



Social Determinants of Health
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 Healthy People 2030



Economic Stability



Education Access and Quality



Health Care Access and Quality



Social and Community Context



Neighborhood and Built Environment

Our Foundation



- [Healthy People 2030](#) features many objectives related to SDOH.
- Tracking Data to Improve Health Collaborative efforts at the federal, state, and local levels can help address health disparities.
- Healthy People offers a platform for collaboration; priority alignment, including alignment of federal strategies; and information sharing around disease prevention and health promotion priorities for the Nation.



Advance Health Equity



Address disparities, structural racism, and injustices that underlie our health system, both within and across settings, to eliminate gaps and ensure equitable access and care for all.

- Develop standardized approach to collection of patient reported data
- Develop standardized approach to stratification for appropriate measures
- Leverage quality and value-based programs to publicly report and incentivize closing equity gaps
- Support equity through performance metrics, regulations, oversight through survey and conditions of participation, and Quality Improvement assistance

Background and Methods

- Standardized tracking of social determinants of health (SDOH) elements is critical to ensuring the attainment of the highest level of health possible for all people with Medicare
 - One tool available to capture SDOH are Z codes
 - Z codes are ICD-10-CM codes used to identify broader contextual factors that strongly influence health status and contact with health services, with codes Z55-Z65 having a particular focus on hazardous social and environmental conditions
 - 2019 Medicare fee-for-service (FFS) claims and enrollment data* were used to produce:
 - Descriptive statistics for Z code utilization
 - Overall and by claims, place of service, and provider types
 - Sociodemographic, clinical, and geographic characteristics statistics for people with Medicare who are continuously enrolled





Our Process

How Do We Identify Social Drivers of Health



- Z codes are a set of ICD-10-CM codes used to report social, economic, and environmental determinants known to affect health and health-related outcomes.
- Z codes comprehensively identify non-medical factors affecting health and track progress toward addressing them
- ICD-10-CM categories Z55-Z65 are a more specialized group of codes to identify social determinants of health.

ICD-10-CM SDOH Categories



Z55 – Problems related to education and literacy

Z56 – Problems related to employment and unemployment

Z57 – Occupational exposure to risk factors

Z58-- Problems related to employment and unemployment

Z59 – Problems related to housing and economic circumstances

Z60 – Problems related to social environment

Z62 – Problems related to upbringing

Z63 – Other problems related to primary support group, including family circumstances

Z64 – Problems related to certain psychosocial circumstances

Z65 – Problems related to other psychosocial circumstances

ICD-10 Z Code Updates for 2023

- Beginning Oct. 1, 2022, updates to Z code Z59.8 have taken effect for the fiscal year 2023. Although there is no change to Z59.8, or “other problems related to housing and economic circumstances,” additional codes have been established to allow for greater specificity.
- For example, three new codes depict scenarios that may limit a patient’s ability to schedule, attend and/or pay for their appointments:
 - Transportation insecurity (Z59.82) describes issues of inaccessible, inadequate, unaffordable, unsafe and unreliable transportation.
 - Financial insecurity (Z59.86) includes bankruptcy, burdensome debt and economic strain.
 - The inability to obtain adequate childcare, clothing, utilities and basic needs is covered in material hardship (Z59.87).

IHA Work on Social Determinants of Health

Small Rural Hospital Improvement Grant Program

*Funded 2019-2023
*14 hospitals participating in the Special Innovations Project (SIP) to build processes to capture social determinants of health through Z codes

Safety PIN C

*Funded 2021-2024
*Goal is 100% participations of Indiana birthing hospitals to integrate health equity framework by implementation of Social Determinants of Health screening, systemized coding, data analysis, and report visualization followed by action using the PETAL framework to connect women and infants to resources prior to crisis.



Indiana Healthy Opportunities for Everyone Program (I-HOPE)

*Funded 2021-2024
*National initiative to address COVID-19 health disparities among populations at high-risk and underserved, including racial and ethnic minority populations and rural communities.

Hospital Quality Improvement Collaborative (HQIC)

*Funded 2020-2024
*A CMS funded project to partner with hospitals across the country in rural, critical access, and urban setting that provide care for vulnerable populations.

The Journey





SHIP Special Innovation Project (SIP)



Small Rural Hospital Improvement Grant Program- Special Innovation Project



- 14 Rural/Critical Access Hospitals participating in the SHIP program
- 4-year program starting in 2019 and ending in 2023
- First targeted work around social determinant or social drivers, of health with our hospitals

Starting Line



Team Building



- Hospital Leadership
- Clinical Staff
- Coders
- IT Team
- Social Workers, Navigators
- Providers
- Community Wellness Liaisons

Plan, Do, Study, Act

1. Identify needs and priority populations

- » Browse objectives to learn about national goals to improve health
- » See how national goals align with your priorities
- » Consider focusing on groups affected by health disparities

Use this information to make the case for your program, secure resources, and build partnerships.

PLAN

- Hospitals conducted CHNA's
- Choose focus area
- Established workgroup
- Attended multiple education sessions on SDOH screening and Z codes

2. Set your own targets

- » Find data related to your work
- » Use national data to set goals for your program

Healthy People 2030 establishes objectives and targets for the entire United States, but setting local targets contributes to national success.

DO

- Z code database was built from hospital claims data
- Used example from CMS Medicare study
- Began increased education to coders to capture Z codes

3. Find inspiration and practical tools

- » Explore critical public health topics relevant to your work
- » Learn about successful programs, policies, and interventions
- » Look for evidence-based resources and tools your community, state, or organization can use

STUDY

- Teams participated in training sessions from various organizations, such as Find Help (formerly Aunt Bertha), and IN 211
- Training on changes in coding requirements
- All-hospital group sessions to discuss successes and failures
- Individual one-on-one meetings to review data and process flows


4. Monitor national progress — and use our data as a benchmark

- » Check for updates on progress toward achieving national objectives
- » Use our data to inform your policy and program planning
- » See how your progress compares to national data

ACT

- Introduction to additional community resources for patient referral
- CHW engagement to identified resource shortage
- Enhancements to EMRs
- Staff into position to do social screenings
- Coding workflow process changes

Baseline Data



Z-Code Analysis

Hospital by Z-Code View of Z-Code Groupings

Hit the [+] above the Z-Code Group header to drill-down to Diagnosis Code and the [-] will drill back up to the groupings. Hit the [+] to drill down on date fields or [-] to drill up.

Hospital Name	Z-Code Group	Diagnosis Code	2018					2019					2020					2021									
			Q1	Q2	Q3	Q4	Annual Total	Q1	Q2	Q3	Q4	Annual Total	Q1	Q2	Q3	Q4	Annual Total	Q1	Q2	Q3	Q4	Annual Total					
Baptist Health Floyd	Educational ... Effects of Work Environment	Z559		1			1	1				1	1				1										
		Z560				1	1				1	1		2			2								1	1	
		Z564	1				1																				
		Z569								1		1				1	1										
		Z5689	1				1							1		1											
	Foster Care	Z6221								2	2	3				3							1		1		
	Homelessness/Housing C.	Z590	21	13	22	16	72	25	18	24	26	93	29	20	42	40	131	16	21	33						70	
		Z598									1	1								1	2					3	
		Z602											3		1		4	1		1						2	
	Inadequate Material Res.	Z598								1	1								1	2						3	
	Z599			2		2		1			1		1	2	3			1			1				2		
Legal Circumstances	Z651	2		1	1	4				11	11	13	4	19	6	42	8	6	8	5					27		
	Z652											1				1											
Other Social Factors	Z604											1				1											
	Z608	1				1																					
	Z609								7	1	8	11	36	31	60	138	22	3				2		27			
Parent/Child.	Z634	13	11	9	8	41	4	3	3	1	11	1	5	2	4	12	4	4	3	4					15		
	Z638	1			2	3							2		2	4		1	1	2					4		
	Z62810	3		2		5	1	1		3	5	1	1	1	1	4	1					1			2		
Hospital Total			43	25	36	28	132	31	23	35	47	136	64	72	96	116	348	52	38	51	16				157		



SIP Hospital Progress

Z Code Tracking Count	Baseline	SIP YR 1	SIP YR 2*	SIP YR 3*	SIP YR 4
Hospital	2018	2019	2020	2021	2022 (3Qs)
A	86	104	232	498	410
B	9	5	6	10	11
C	31	39	191	186	345
D	5	20	19	27	9
E	106	121	104	95	75
F	85	77	40	67	300
G	3	4	5	47	278
H	50	30	25	43	43
I	75	55	44	99	137
J	10	8	10	5	2
K	53	50	25	19	17
L	14	12	18	49	52
M	4	13	23	48	19
N	8	35	27	15	33
Total	539	583	769	1208	1731
%improvement Year to Year		8%	32%	57%	43%
# Z Codes All Hospitals in Indiana	44,094	51,973	48,683	55,361	37,116
					*3Qs data

Notables				
From Baseline to 2021=11.4% improvement				
Total Number of Claims for SIP Hospitals				
	2018	2019	2020	2021
INPT	16505	15829	14365	15536
OUPT	334983	342752	290905	328680
TOTAL	351488	358581	305270	344216
OUPT Claims=ED, OP OR, OP Hospital Services				

What We Need to Get to The Finish Line

Support to Finish the Race:

- Housing
- Food Insecurity
- Transportation
- Community Wellness
- Maximizing Reimbursement
- Coding
- Motivational Interviewing Skills





Safety PIN – Protecting Indiana’s Newborns (PIN)



Governor Holcomb's Call to Action

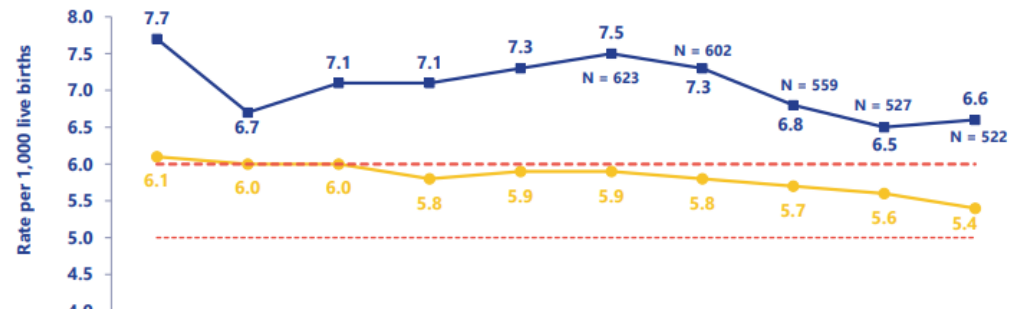


2018 State of the State Address
“The Next Steps to the Next Level”
Eric Holcomb, Governor of Indiana
Delivered January 9, 2018

“Our infant mortality rate is a direct lens into the overall health of Hoosiers . . . So tonight, I’m setting a goal to become the best state in the Midwest for infant mortality rates by 2024.”

The Why Behind Our Priority

Infant Mortality Rates (IMRs) 2011-2020

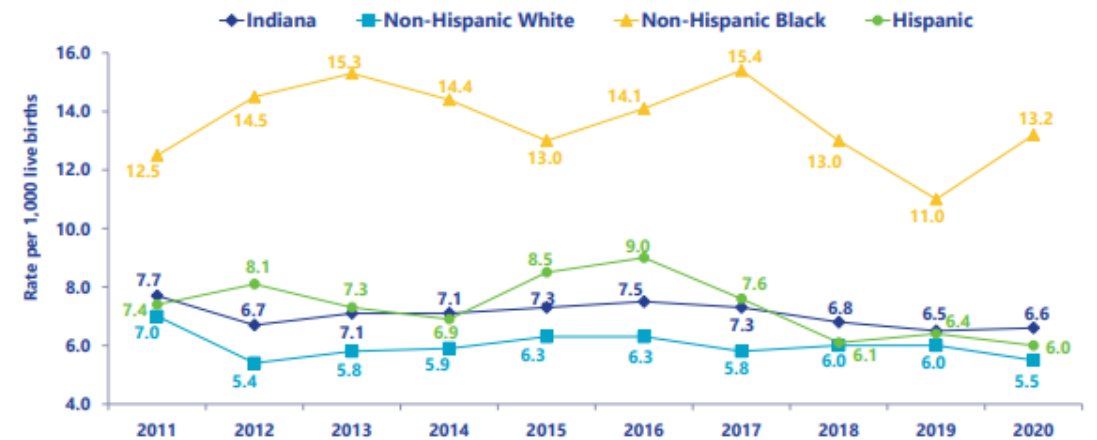


	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
—■— Indiana	7.7	6.7	7.1	7.1	7.3	7.5	7.3	6.8	6.5	6.6
—●— U.S.	6.1	6.0	6.0	5.8	5.9	5.9	5.8	5.7	5.6	5.4
- - - HP 2020 Goal	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
- - - HP 2030 Goal	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0



Source: Indiana Department of Health, Maternal & Child Health Epidemiology Division (January 11, 2022)
 United States Original Source: Centers for Disease Control and Prevention National Center for Health Statistics
 Indiana Original Source: Indiana Department of Health, Vital Records, ODA, DAT

Indiana IMRs by Race and Ethnicity 2011-2020



Source: Indiana Department of Health, Maternal & Child Health Epidemiology Division (October 13, 2021)
 Indiana Original Source: Indiana Department of Health, Vital Records, ODA, DAT

Factors Contributing to Infant Mortality, Indiana 2020

Do they have access to healthy foods?

• Obesity

- Indiana is 11th most obese state in U.S. (35.3% of adults).
- 33.8% of Indiana births in 2020 were to pregnant persons who have obesity (additional 26.2% overweight).
- Pregnant persons who have obesity have an increased risk of preterm birth (11.8% of Indiana births to those who have obesity were preterm compared to 9.1% of births to those in the normal BMI range).

Have they been offered smoking cessation tools?

• Smoking

- 10.9% of births to individuals who smoke during pregnancy.
- 20.1% of births to individuals on Medicaid smoke (5.2% of individuals not on Medicaid smoke).

Are we going to them instead of them finding us?

• Limited Prenatal Care

- Only 69.3% of births were to persons receiving prenatal care during the 1st trimester.

Are they getting Safe Infant Sleep Education?

• Unsafe Sleep Practices

- 20.1% of infant deaths in 2020 can be attributed to SUIDs.



Source: Indiana Department of Health, Maternal & Child Health Epidemiology Division [November 9, 2021]
Original Source: Indiana Department of Health, Vital Records, ODA, Data Analysis Team

Safety PIN 2021-2024

Closing the Disparities Gap

Closing the gap in disparities by integrating a health equity framework in the care hospitals provide as an integral part of developing a highly reliable maternal and infant healthcare system in Indiana.

Why – Year after year, the Indiana Infant Mortality Disparities Fact Sheets produced by the IDOH Maternal Child Health Division shows the unacceptable and substantial difference in infant mortality rates by race and ethnicity, both in causes of infant death as well as in birth outcome indicators.

How – Implementation of Social Determinants of Health screening, systemized coding, data analysis and report visualization followed by action using the PETAL framework to connect women and infants to resources prior to crisis.

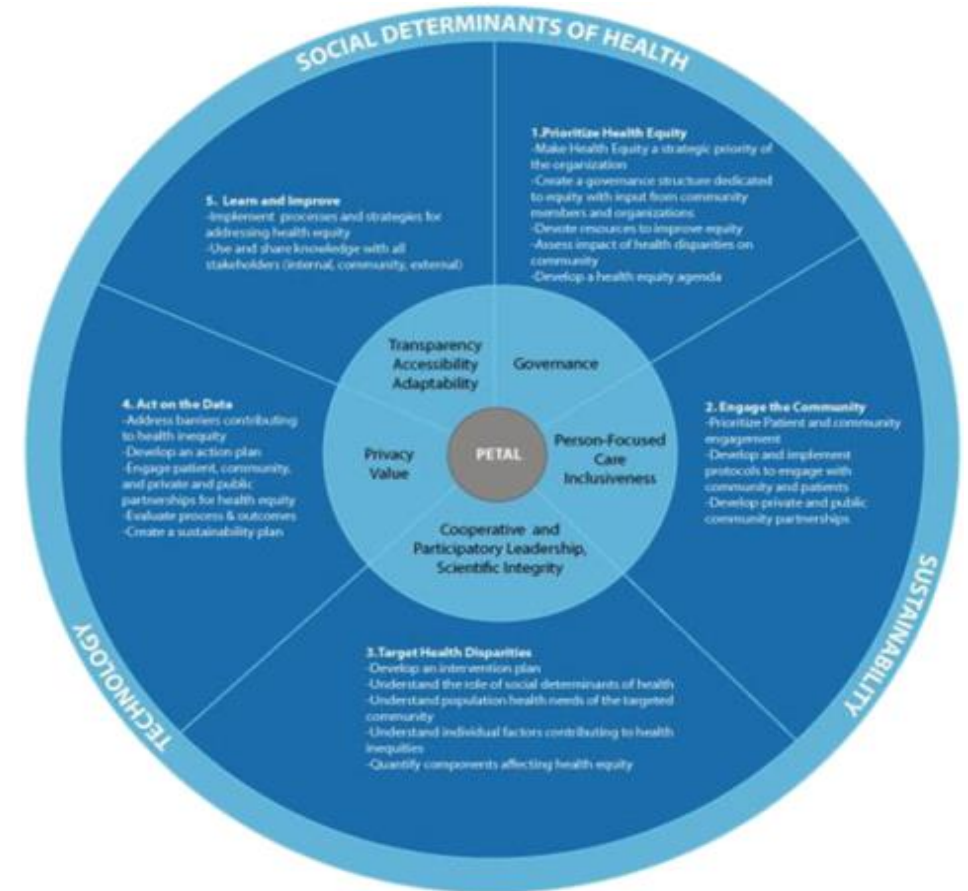
What – The project goal is for 100% of Indiana birthing hospitals to integrate the above health equity framework into the care they provide by December 31, 2024.



Safety PIN-PETAL Framework



- The PETAL Framework is built upon the Learning Health System principles ([Brooks, 2017](#)).
- Uses a targeted approach that raises awareness, increases the knowledge of causes and effective interventions, and provides actionable ways to reduce health care disparities and improve equity through community engagement, data and analytics.
- The core components of the framework include:
 - Prioritize health equity
 - Engage the community
 - Target health disparities
 - Act on the data
 - Learn and improve
- Additional elements that cut across all core components include supportive technology, social determinants of health and sustainability



Baseline Data

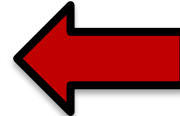
Indiana Hospital Association **Z-Code Analysis**
 Hospital by Z-Code View of Z-Code Groupings
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	Education	Z559		1			1	1			1	1			1								
	Effects of Work Environment	Z560				1	1			1	1		2		2						1	1	
		Z564	1				1																
		Z569							1	1				1	1								
		Z5689	1				1					1		1									
	Foster Care	Z6221								2	2	3		3						1	1		
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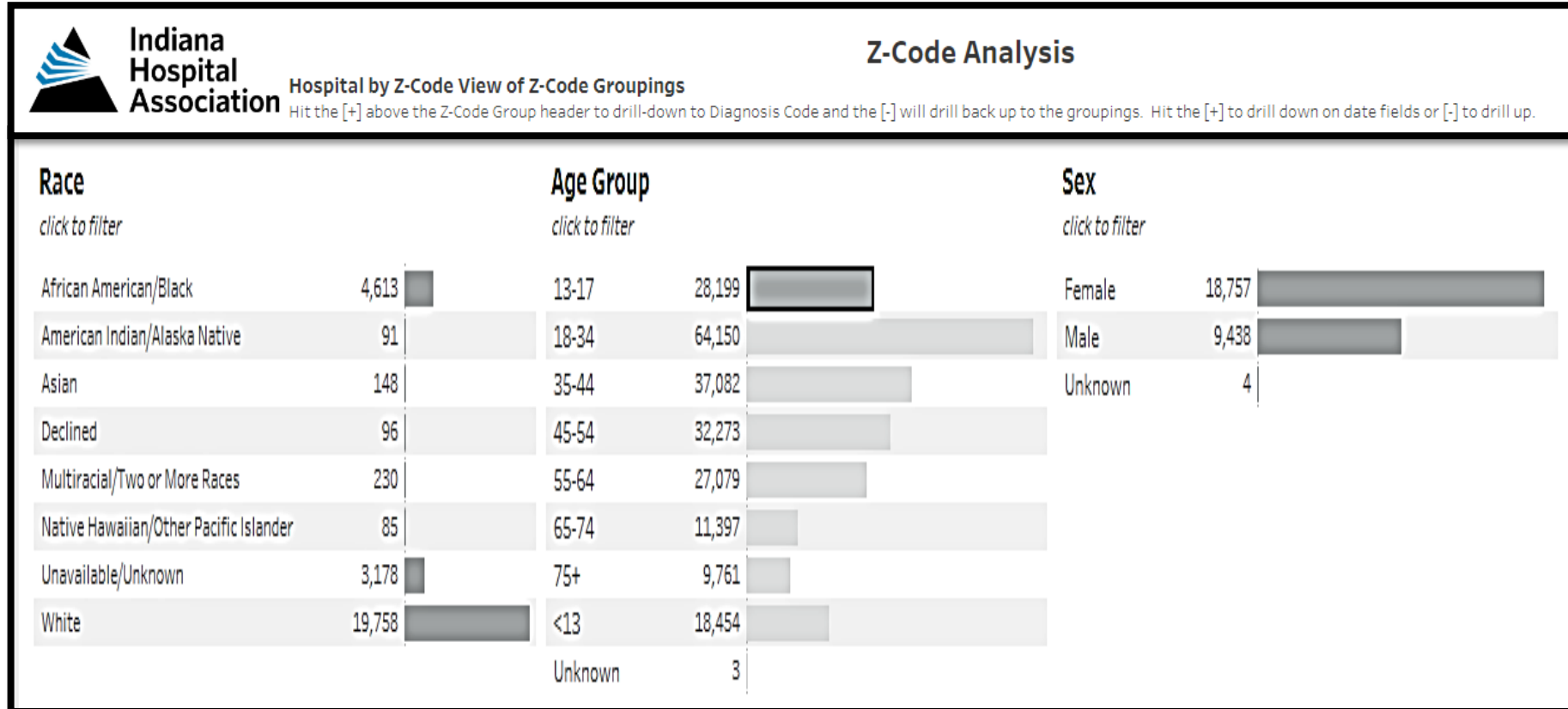
DataLink

Figure 5: OB Diagnoses Coding with ICD-10

- O00–O08.** Pregnancy with abortive outcome
- O09.** Supervision of high-risk pregnancy
- O10–O16.** Edema, proteinuria, and hypertensive disorders in pregnancy, childbirth, and the puerperium
- O20–O29.** Other maternal disorders predominantly related to pregnancy
- O30–O48.** Maternal care related to the fetus and amniotic cavity and possible delivery problems
- O60–O77.** Complications of labor and delivery
- O80–O82.** Encounter for delivery
- O85–O92.** Complications predominantly related to the puerperium
- O94–O95, O96, O98–O9A.** Other obstetric conditions, not elsewhere classified
- A34.** Obstetrical tetanus

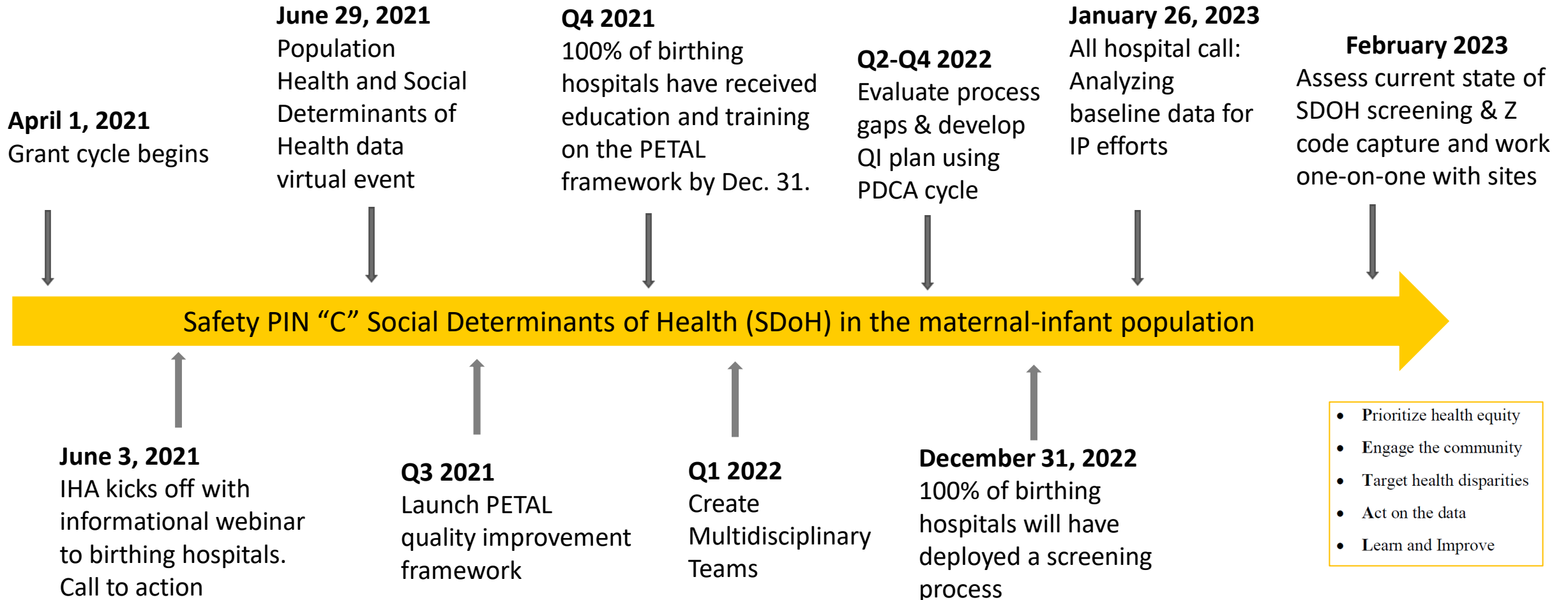


REaL Data Capture



*Data retrieved from IHA DataLink

The Journey

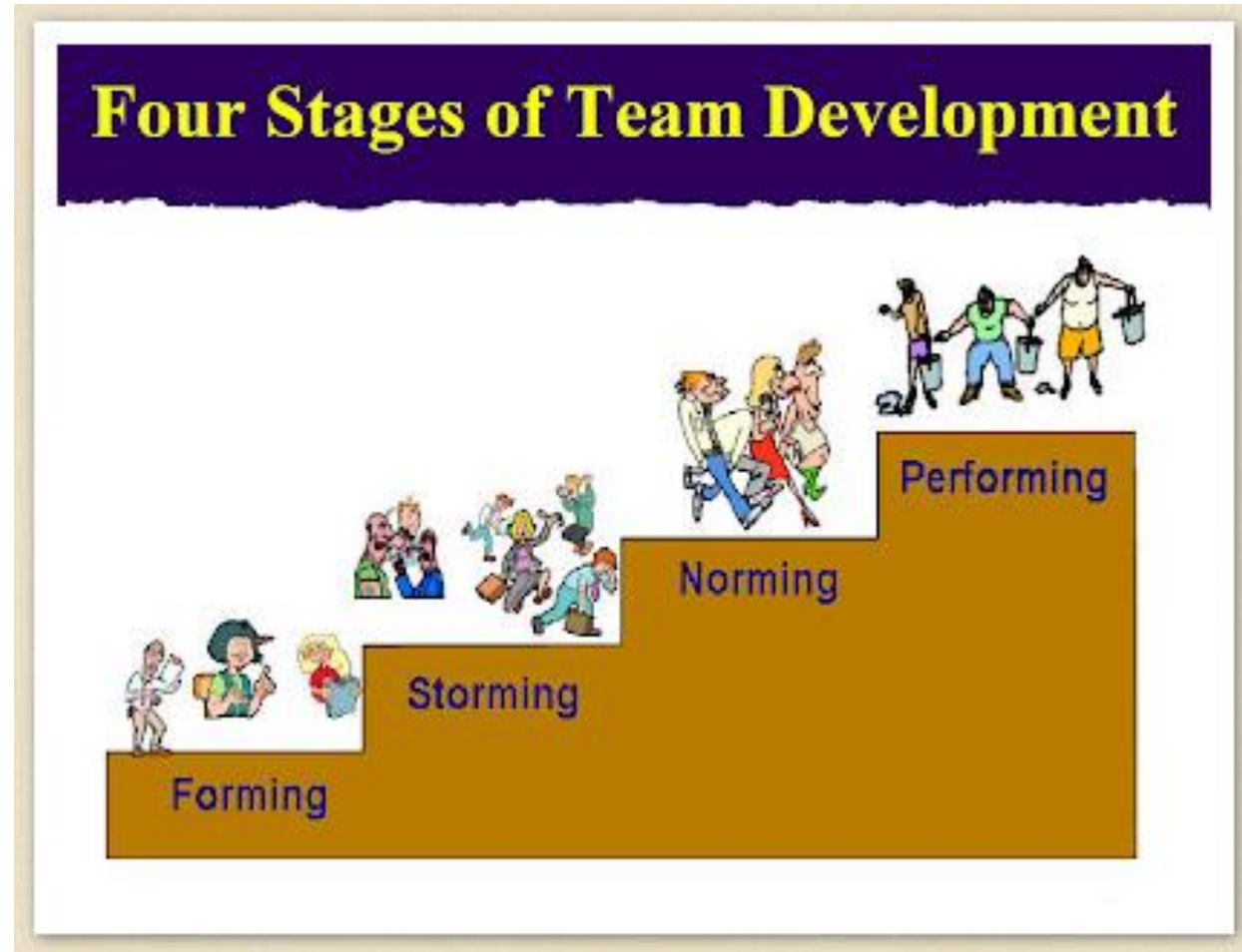


Improvements

Patients	2018	2019	2020	2021	2022
Z-Code Group	Annual Total	Annual Total	Annual Total	Annual Total	Annual Total (3Q)
Occupational exposure to risk-factors	3	2	1	1	2
Other problems related to primary support group including family circumstar	114	130	116	146	183
Other problems related to upbringing	151	154	189	182	154
Problems related to certain psychosocial circumstances	87	44	44	80	61
Problems related to education and literacy	3	1	0	6	8
Problems related to employment and unemployment	49	70	117	178	386
Problems related to housing and economic circumstances	265	224	216	214	587
Problems related to other psychosocial circumstances	55	62	47	93	103
Problems related to social environment	35	31	34	125	206
Yearly Total	762	718	764	1025	1690
Total Births	78454	77934	75123	74916	70004 (est)
	0.97%	0.92%	1.01%	1.37%	

*Data obtained from IHA internal data dashboard- All Payor

Hospital Progress Report





Indiana Healthy Opportunities for People Everywhere (I-HOPE)

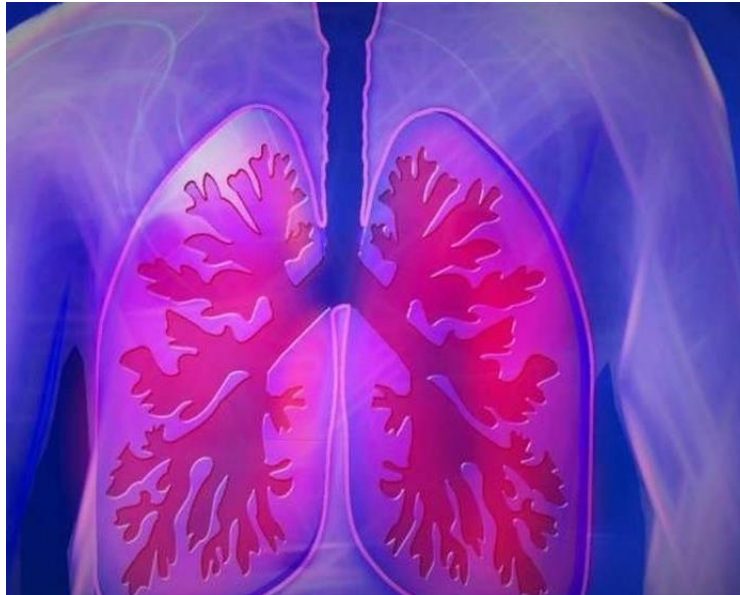


Indiana Healthy Opportunities for People Everywhere (I-HOPE)



COPD

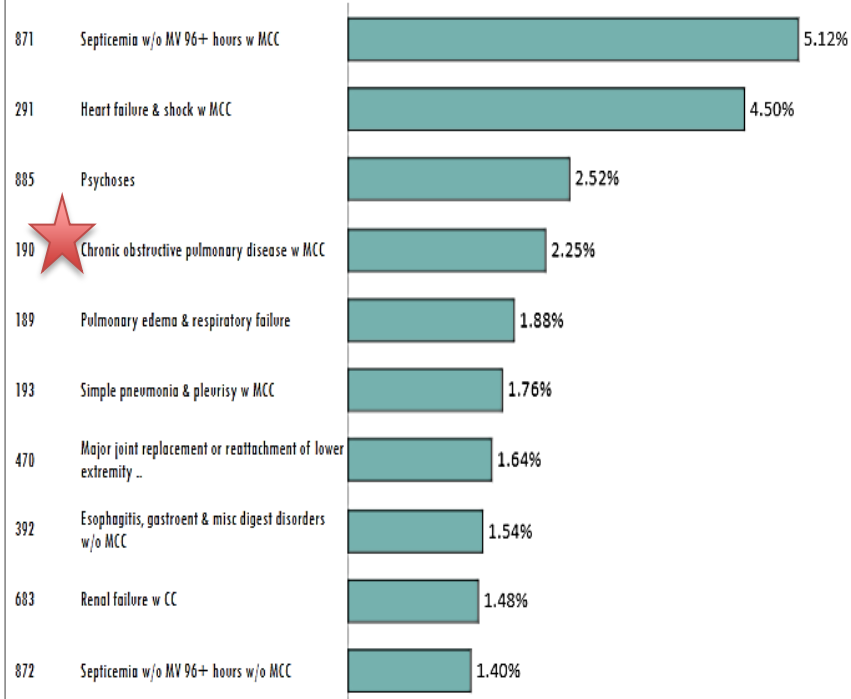
- Admit with COVID-19
- Readmissions
- Mortality



- Goal: Increase/improve data collection and reporting for populations experiencing a disproportionate burden of COVID-19 infection, severe illness, and death to guide the response to the COVID-19 pandemic.

Indiana COPD Readmissions

Most Frequent Readmission MS-DRG Codes of Index Discharge



Readme | Mortality | APR-DRG Mortalities

Indiana Hospital Association

Hospital Full Name
(All)

IHA Peer Group Code
(Multiple values)

IHA Service Line Description
(All)

Race
(All)

Palliative Care Flag
False

Select Date Range
January 1, 2020 December 31, 2020

Mortilites by Service Line and DRG

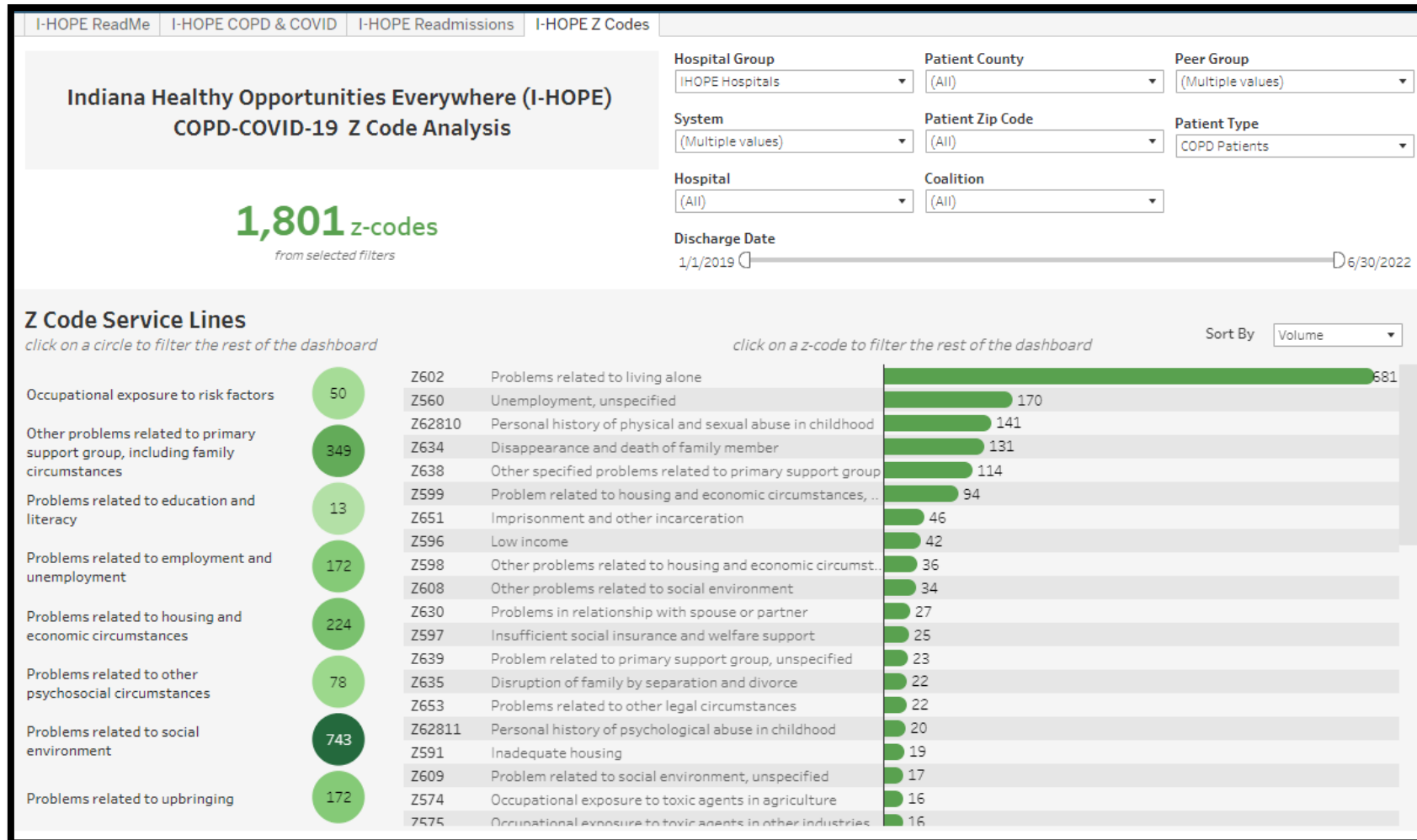
Mortalities, Rate and Total Records by Service Line and MS-DRG's and Selected Filters

IHA Service Line Description	MSDRG Description	Mortalities	Rate	# DRG Records
PULMONARY	Gas procedure w principal diagnoses or mental illness	0	0.00%	76
	Organic disturbances & mental retardation	6	0.49%	1,226
	Other mental disorder diagnoses	0	0.00%	24
	Psychoses	5	0.02%	32,553
	Bronchitis & asthma w CC/MCC	3	0.16%	1,920
	Bronchitis & asthma w/o CC/MCC	0	0.00%	838
	Chronic obstructive pulmonary disease w CC	2	0.09%	2,329
	Chronic obstructive pulmonary disease w MCC	27	0.52%	5,238
	Chronic obstructive pulmonary disease w/o CC/MCC	1	0.12%	859
	Interstitial lung disease w CC	1	1.02%	98
	Interstitial lung disease w MCC	11	4.18%	263
	Interstitial lung disease w/o CC/MCC	0	0.00%	32
	Other respiratory system diagnoses w MCC	7	1.65%	425
Other respiratory system diagnoses w/o MCC	2	0.45%	446	
Pleural effusion w CC	0	0.00%	262	
Pleural effusion w MCC	4	1.11%	360	
Pleural effusion w/o CC/MCC	0	0.00%	51	

Mortality Rate by County and Selected Filters

Mortality Rate by Quarter and Selected Filters

Quarter of Discharge Date	Mortality Rate
2018 Q2	0.35%
2018 Q3	0.47%
2018 Q4	0.26%
2019 Q1	0.28%
2019 Q2	0.32%
2019 Q3	0.27%
2019 Q4	0.17%
2020 Q1	0.17%
2020 Q2	0.33%
2020 Q3	0.33%
2020 Q4	0.21%
2021 Q1	0.61%
2021 Q2	0.20%
2021 Q3	0.27%



Z-Code Analysis

Indiana Healthy Opportunities Everywhere (I-HOPE) COPD-COVID-19 Z Code Analysis

Hospital Gr.: IHOPE Hospitals
 System: All
 Hospital: All
 Discharge Date: 1/1/2019 to 12/31/2021

Patient Co.: All
 PatientZipCode: All
 Coalition: All

Peer Group: All
 Patient Type: COVID-19 Patients

Z Code Service Lines

click on a circle to filter the rest of the dashboard

click on a z-code to filter the rest of the dashboard

Category	Count	Z Code	Description	Count
Contact with and Suspected Exposure to Arsenic Lead or Asbestos	21	Z550	Illiteracy and low-level literacy	2
		Z559	Problems related to education and literacy, unspecified	1
		Z560	Unemployment, unspecified	25
Educational Circumstances	3	Z590	Homelessness	72
		Z591	Inadequate housing	4
Effects of Work Environment	25	Z596	Low income	3
		Z597	Insufficient social insurance and welfare support	5
		Z598	Other problems related to housing and economic circumst...	2
Homelessness/Other Housing Concerns	262	Z599	Problem related to housing and economic circumstances, ...	6
		Z602	Problems related to living alone	185
Inadequate Material Resources	15	Z604	Social exclusion and rejection	1
		Z608	Other problems related to social environment	15
		Z634	Disappearance and death of family member	28
		Z638	Other specified problems related to primary support group	7
Legal Circumstances	17	Z651	Imprisonment and other incarceration	17
		Z713	Dietary counseling and surveillance	98
Other Social Factors	310	Z716	Tobacco abuse counseling	12
		Z720	Tobacco use	181
Parent/Child/Family	43	Z7189	Other specified counseling	3
		Z62810	Personal history of physical and sexual abuse in childhood	7

COVID-19 Patients Z Code Count Through Time



Race Analysis

American Indian/Alaskan...	67
Asian	92
Black/African American	1,098
Declined	97
Hawaiian or Pacific Island...	23
Multiracial	1,075
Unavailable/Unknown	2,336
White	23,159

Ethnicity Analysis

Declined	103
Hispanic or Latino	2,613
Not Hispanic or Latino	23,022
Unavailable/Unknown	2,209

Age Group Analysis

<13	82
13-17	70
18-34	1,566
35-44	1,770
45-54	3,298
55-64	5,510
65-74	6,716
75+	8,935

Resources



- COPD Educator Course
- Asthma Educator
- Freedom From Smoking Facilitator





Hospital Quality Improvement Collaborative (HQIC)

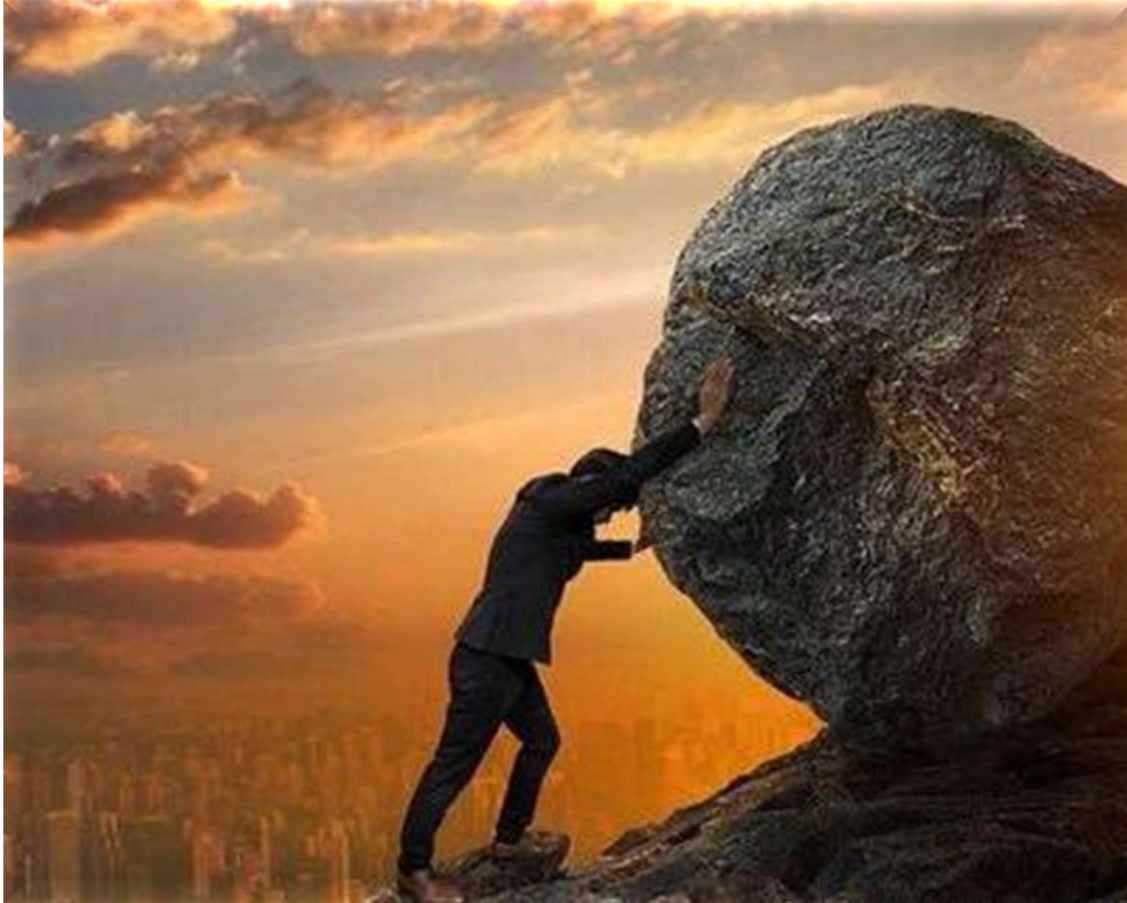


HEALTH EQUITY HOSPITAL ASSESSMENT

6. **DATA COLLECTION:** Hospital uses a patient self-reporting methodology to collect demographic data from the patient and/or caregiver Example of guidance: [METRIC 6 GUIDANCE](#)
 - a. Forming: Hospital is not currently collecting REaL data or is staff reported
 - b. Storming: Hospital is capturing self reported REaL data and
 - c. Norming: Collecting self reported data for 95% of patients and has multiple verification points beyond registration
 - d. Performing: Hospital collects additional data, such as SOGI, SDOH, Disability Status
7. **DATA COLLECTION TRAINING:** Hospital provides workforce training regarding the collection of self reported patient demographic data [METRIC 7 GUIDANCE](#)
 - a. Forming: Training in the collection of REaL data is not provided to staff
 - b. Storming: Workforce training in the collection self reported REAL data is provided
 - c. Norming: Workforce training is evaluated annually for effectiveness; staff can demonstrate in collecting self reported REaL data. Patient Family Advisors are informing training program
 - d. Performing: Advanced Workforce receives training in the collection of self reported data related to disability status or social determinants of health (or other data points, the hospital selects).
8. **DATA VALIDATION:** Hospital verifies the accuracy and completeness of patient self-reported demographic data [METRIC 8 GUIDANCE](#)
 - a. Forming: Hospital does not yet have a process to evaluate the accuracy and completeness of patient self-reported data to local demographic community data.
 - b. Storming: Hospital evaluates data for accuracy (matches community demographics) and completeness (percent complete)
 - c. Norming: Hospital addresses system level processes that interfere with collection of Real data
 - d. Performing: Hospital evaluates for accuracy and completeness of additional data (SOGI, disability status, social determinants of health or other data points selected.)
9. **DATA STRATIFICATION:** Hospital stratifies patient safety, quality and/or outcome measures using patient demographic data [METRIC 9 GUIDANCE](#)
 - a. Forming: Hospital does not yet stratify one HQIC quality improvement topic by REaL
 - b. Storming: Hospital stratifies at least one HQIC improvement topic by REaL
 - c. Norming: Hospital stratifies more than one HQIC improvement topic by REaL
 - d. Performing: Hospital stratifies more than one HQIC improvement topic by REaL and other data (SOGI, disability status, social determinants of health or other data points selected.)
 - e. Performing: Hospital stratifies more than one HQIC improvement topic by REaL and other data (SOGI, disability status, social determinants of health or other data points selected.)
10. **COMMUNICATE FINDINGS:** Hospital uses a reporting mechanism (e.g., equity dashboard) to communicate outcomes for various patient populations [METRIC 10 GUIDANCE](#)
 - a. Forming: Hospital does not yet have a reporting mechanism (equity dashboard) to communicate outcomes to senior leadership, medical leadership and the board.
 - b. Storming: Hospital uses a reporting mechanism (equity dashboard) to communicate population outcomes to senior leadership, medical leadership and the board.

- c. Norming: Hospital communicates population outcomes across the organization.
 - d. Performing: Hospital communicates population outcomes externally to patients and families and community members.
11. **ADDRESS & RESOLVE GAPS IN CARE:** Hospital implements interventions to resolve differences in patient outcomes [METRIC 11 GUIDANCE](#)
- a. Forming: Hospital does not yet have engage multi disciplinary teams to develop and test solutions to identified disparities.
 - b. Storming: Hospital engages multi disciplinary teams, including patient family advisors, to develop and test solutions to identified disparities.
 - c. Norming: Hospital implements interventions to resolve identified disparities and educates staff regarding findings
 - d. Performing: Hospital has a process for continuously monitoring and adjusting interventions as needed to sustain improvement in outcomes.
12. **ORGANIZATIONAL INFRASTRUCTURE & CULTURE:** Hospital has organizational culture and infrastructure to support the delivery of care that is equitable for all patient populations [METRIC 12 GUIDANCE](#)
- a. Forming: Hospital does not yet have a standardized process to train its workforce in culturally sensitive and linguistically appropriate care.
 - b. Storming: Hospital has a standardized process to train its workforce in culturally sensitive and linguistically appropriate care
 - c. Norming: Hospital has a person or department that has leadership responsibility and accountability for health equity efforts who engages with patient family advisory councils and community partners to create strategy and action plans to promote equity in outcomes.
 - d. Performing: Hospital demonstrates a commitment to ensure equitable care for all persons through policies, protocols, strategic plans and in its mission, vision and values

Obstacles in Data Collection



- Lack of definitions for SDOH terms
- Unfamiliarity with social needs
- Providers and coders
- Perceived priority/lack of incentives
- Number of codes that can be captured
- Operational processes
- EHR-based screening tool
- Standard documenting process
- Coding processes
- Lack of clarity about who can screen and document
- Productivity challenges

Indiana's Z Code Utilization

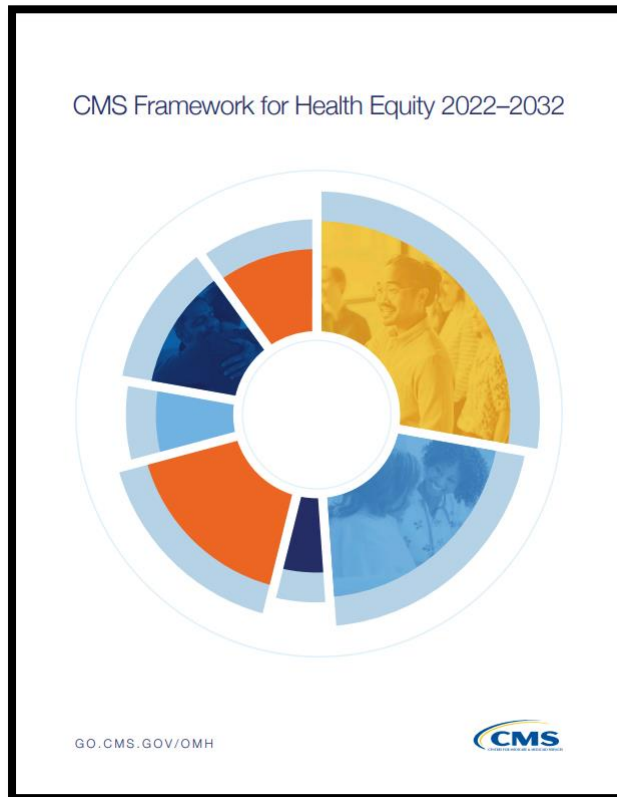
Patients	2018	2019	2020	2021	2022
Z-Code Group	Annual Total	Annual Total	Annual Total	Annual Total	Annual Total (3Q)
Occupational exposure to risk-factors	537	530	502	365	312
Other problems related to primary support group including family circumstar	5695	8049	6706	8575	8611
Other problems related to upbringing	10002	10633	9538	8891	6482
Problems related to certain psychosocial circumstances	307	265	229	391	292
Problems related to education and literacy	1296	1828	955	1030	990
Problems related to employment and unemployment	3774	4695	5848	7765	7410
Problems related to housing and economic circumstances	15469	17682	18924	20763	18898
Problems related to other psychosocial circumstances	1923	2379	2485	5239	4768
Problems related to social environment	1486	1934	1845	4505	4358
Yearly Total	40489	47995	47032	57524	52121
Total Claims	6,694,854	6,914,042	5,964,135	6,658,232	
	0.60%	0.69%	0.79%	0.86%	

*Data obtained from IHA internal data dashboard- All Payor

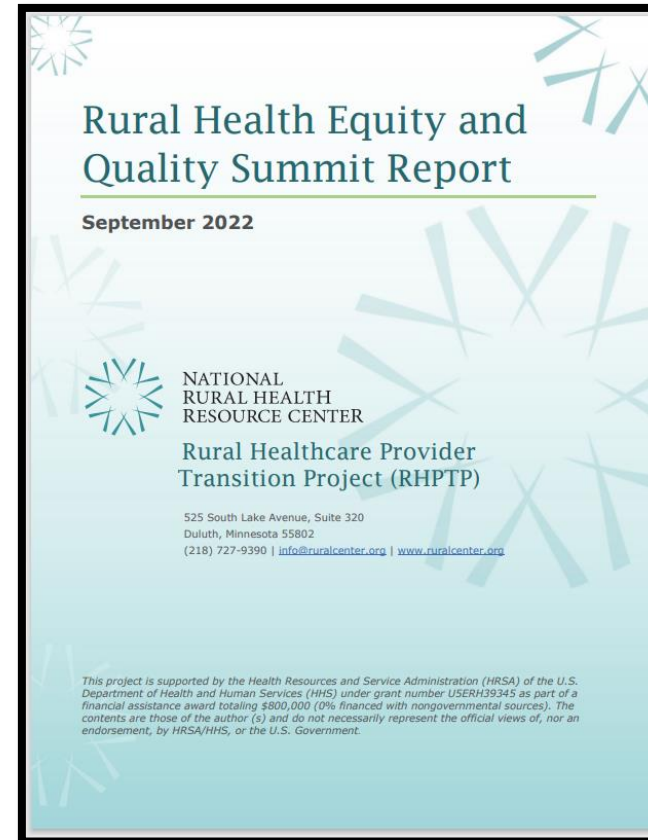


Next Steps

Foundations



[CMS Framework for Health Equity Priorities](https://www.cms.gov/omh)




[Rural Health Equity & Quality Summit Report](#)

Why ?

2023 Providers are Responsible for Social Determinants of Health Quality Measures

remingtonreport.com/intelligence-resources/home-health/2023-providers-are-responsible-for-social-determinants-of-health-quality-measures

Lisa Remington September 18, 2022



You CAN afford
THE INDUSTRY'S BEST SOLUTION

homecare homebase

New social determinants of health (SDOH) quality measures will be required by hospitals, health plans, and multi-payer federal and state programs.

Research shows that social determinants can be more important than health care or lifestyle choices in influencing health. Numerous studies suggest that SDOH account for between 30-55% of health outcomes. We explain the quality measures across providers and stakeholders.

[Remington Report](#)



EMPOWERED by Data. Connected by Purpose. MEMBER LOGIN FILE UPLOAD CONTACT

NPIC
National Perinatal Information Center

ABOUT US WHY NPIC MEMBERSHIP DATA PARTNERSHIP EDUCATION BLOG



Setting Up Your Unmet Social Needs Programs for 2023

In April 2022, CMS proposed three (3) new social determinants of health measures that will go into effect in January 2023. Identifying unmet social needs will not only be a hospital priority but a community priority and a patient priority as well.

Elizabeth Rochin, PhD, RN, NE-BC | December 15, 2022

Posted under: [Maternal Health](#), [Quality of Care](#), [Social Determinants of Health/Disparities](#)

- Maternal Health
- Mental Health
- Other
- Quality of Care
- Social Determinants of Health/Disparities

About the Blog

NPIC creates meaningful connections between data and maternal/newborn health. Since its founding in 1985, NPIC has been committed to improving maternal and newborn outcomes through data analytics and trusted hospital partnerships. [Learn more about NPIC >](#)

[NPIC](#)

Fact sheet

FY 2023 Hospital Inpatient Prospective Payment System (IPPS) and Long Term Care Hospitals (LTCH PPS) Final Rule – CMS-1771-F Maternal Health

Aug 01, 2022 | Hospitals

Share    

A Commitment to Improving Maternal Health in the U.S.

The Biden-Harris Administration is committed to achieving a government-wide vision that addresses the maternal health crisis in the U.S., including by reducing maternal mortality and morbidity and advancing maternity care quality, safety, and equity. As a part of this commitment, the White House held the first-ever federal “Maternal Health Day of Action” on December 7, 2021, at which time Vice President Kamala Harris issued a national call to action to Reduce Maternal Mortality and Morbidity. In addition, the U.S. Department of Health and Human Services (HHS) — through the Centers for Medicare & Medicaid Services (CMS) — announced critical steps to improve maternal health by supporting the delivery of equitable, high-quality care for all pregnant and postpartum patients. The White House also issued presidential proclamations on [April 8](#) and [April 13](#) in recognition of Black Maternal Health Week, which occurred the week of April 11 in 2022.

Specifically, CMS shared intentions to pursue rulemaking for the establishment of a

[IPPS](#)

TJC Standard Update for 2023




As of Jan. 1, accreditation programs for primary care clinics, behavioral health centers, critical access facilities and hospitals will include new mandates for their leaders. New standards include:


- Designating a leader or leaders to direct activities to reduce healthcare disparities within an organization.
- Assessing patients' health-related social needs and providing information about community resources and support services.
- Identifying healthcare disparities in the patient population by stratifying quality and safety data using socio-demographic characteristics.
- Developing a written action plan that describes how the organization will address at least one of the healthcare disparities identified in its patient population.
- Taking action when the goals in its plan to reduce health disparities are not achieved or sustained.

https://www.jointcommission.org/-/media/tjc/documents/standards/r3-reports/r3_disparities_july2022-6-20-2022.pdf

What About Reimbursement?



Fax Alert
Important Information "You Need to Know!"



2022 Pay for Performance Primary Care Providers Care Coordination Codes and Quality Incentive Program

We've updated our 2022 Care Management and Quality Incentive Program starting Jan. 1, 2022. The program was designed with the goal of helping your patients, who are UnitedHealthcare Community Plan members, become more engaged with their preventive health care.

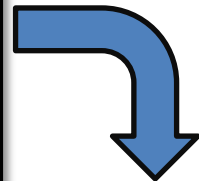
What's new for 2022?

DIVE BRIEF

Humana program to reimburse providers for identifying social determinants like homelessness, food insecurity

Published March 5, 2020


By Hailey Mensik



Humana isn't the first payer to try this approach.

CMS has also aimed to expand value-based programs that reward health care providers for the quality of care they provide, especially in the MA program.

Z Code Submission:



Primary care providers have a new opportunity to earn incentives for the submission of Social Determinant of Health (SDoH) ICD-10 Z codes (Z55-Z65 and Z75) based on the results of SDoH assessments. Providers who submit SDoH-related Z codes for 5% of their seen members will earn a \$0.50 pmpm payment while providers who submit these codes for 10% of their seen members will earn a \$1.00 pmpm payment. Membership for the pmpm payment will be based on the provider's entire assigned membership for the year. Z code incentives will be paid annually at the time of quality incentive payments.

<https://www.healthcaredive.com/news/humana-program-to-reimburse-providers-for-identifying-social-determinants-1/573557/>

<https://lakelandcare.com/sites/lakelandcare.com/files/attachments/2022%20P4P%20notice%20%282%29.pdf>

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