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Social Determinants of Health

Are you ready for screening?

April 13, 2024

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Objectives

Social Determinants of Health (SDOH)

Upon completion of the webinar, the participant will be able to:

1. Discuss the process and value of SDOH Training
2. Identify the benefits of screening for SDOH

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Disclosures to Participants

Notice of Requirements for Successful Completion:

Learners must participate in the full activity and complete the evaluation in order to claim continuing education credit/hours.

Presenter has No - Conflicts of Interest/Financial Relationships Disclosures:

Faith Jones

Disclosure of Relevant Financial Relationships and Mechanism to Identify and Mitigate Conflicts of Interest: No conflicts of interest

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Off-label Use: None

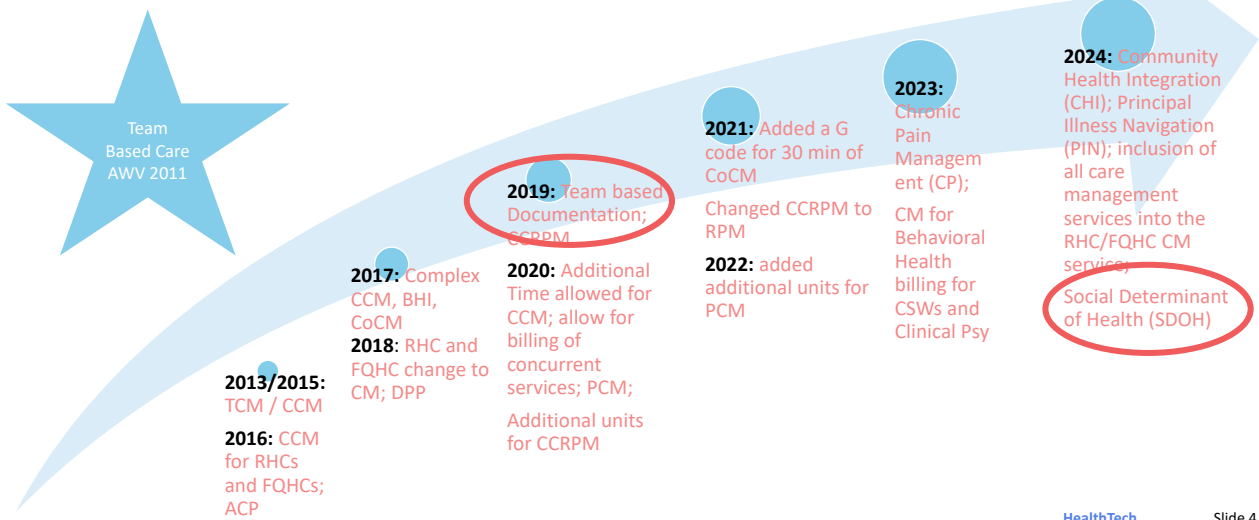
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Care Coordination

Growth and Development



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Defining Social Determinants of Health

Who should do this work?

Social Determinants of Health are defined as:

"...the conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks."

-Healthy People 2030

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Social Determinant of Health Background

CMS's comments in proposed rules

"There is increasing recognition within the health care system of the need to take SDOH into account when providing health care services, given that it is estimated that around 50 percent of an individual's health is directly related to SDOH. Healthy People 2030 define the broad groups of SDOH as: economic stability, education access and quality, healthcare access and quality, neighborhood and built environment, and social and community context, which include factors like housing, food and nutrition access, and transportation needs."

CMS 2024 Proposed Rules page 206 of 1920
Scheduled for publication 8/7/2023

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The Five Domains of SDoH

Effect Everyone



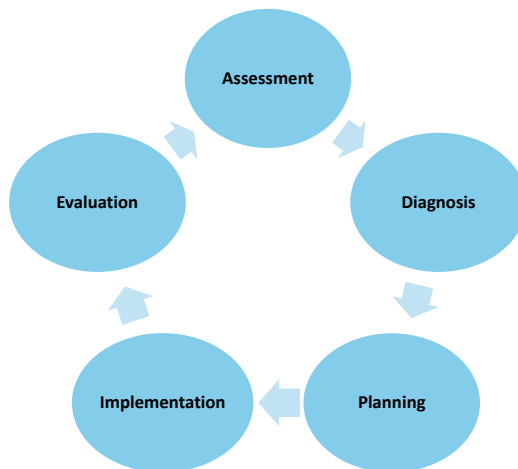
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SDoH & the Nursing Process

Use a scientific model



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SDOH Process

Assessment

Data Collection

- Anyone can collect data
- Face-to-face visits with provider
- During care coordination calls
- Screening tools
- Health risk assessment (HRA)
- Patient self reporting



Centers for Medicare & Medicaid Services. (2022). *Using z codes: The social determinants of health (SDOH) data journey to better outcomes.* <https://www.cms.gov/files/document/zcodes-infographic.pdf>

<https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQ2Waf0A6GCFRiYeZ3iAWh85P-LDW74HruiAIJOGbQ9vDOeZCrvLFRS79loQ53eCB&usqp=CAU>

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Data Collection

Who can collect SDOH data?

- Providers
- Nurses
- Clinicians
- Case Managers
- Social Workers
- Patient Navigators
- Community Health Workers



<https://www.cms.gov/files/document/zcodes-infographic.pdf>
https://www.myamericannurse.com/wp-content/uploads/2021/11/shutterstock_1318620359.jpg

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Mapping general screening to specific

General vs Specific

General Screening  Specific Screening

Results of general responses may indicate need for more specific assessment



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PRAPARE
 Platform for Reconnecting and Assessing Patient Assets, Risks, and Capabilities
 National, System, Clinic, and Local Levels

PRAPARE: Protocol for Reconnecting and Assessing Patient Assets, Risks, and Capabilities
 Paper Version of PRAPARE™ for Implementation as of September 2, 2019

Personal Characteristics 1. Are you married or single? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> I choose not to answer this question		4. Are you worried about losing your housing? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> I choose not to answer this question	
2. WHAT (CHECK) are you? (CHECK all that apply) <input type="checkbox"/> Asian <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Pacific Islander <input type="checkbox"/> Black or African American <input type="checkbox"/> Hispanic <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Other (please specify) _____ <input type="checkbox"/> I choose not to answer this question		8. What address do you live at? Street _____ City, State, Zip Code _____	
4. All exp. paid in the past 2 years, has reason or program that took care of you or your family's main source of income? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> I choose not to answer this question		20. What is the highest level of school that you have finished? <input type="checkbox"/> Less than high school degree <input type="checkbox"/> High school diploma or GED <input type="checkbox"/> More than high school <input type="checkbox"/> I choose not to answer this question	
4. Have you been displaced from the school focus of the central district? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> I choose not to answer this question		21. What is your current work situation? <input type="checkbox"/> Unemployed <input type="checkbox"/> Part-time or temporary work <input type="checkbox"/> Full-time work <input type="checkbox"/> Other work (specify job) but not working with this employer, retired, disabled, unpaid primary care grant, strike, etc. <input type="checkbox"/> I choose not to answer this question	
5. What language are you most comfortable speaking? <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> I choose not to answer this question		22. During the past year, what was the total combined income for you and the family members you live with? This information will help us determine if you are eligible for any benefits. <input type="checkbox"/> I choose not to answer this question	

Family & Home

6. How many family members including yourself, do you currently live with?
 I choose not to answer this question

7. Where is your housing situation best?
 I do not have housing (sharing with others, in a shelter, in a shelter, living outside on the street, on a boat, in a RV, or in a park)
 I choose not to answer this question

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Screening Tool

14. In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? (Check all that apply) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Nothing <input type="checkbox"/> No <input type="checkbox"/> Chronic <input type="checkbox"/> No <input type="checkbox"/> No care <input type="checkbox"/> No <input type="checkbox"/> Medication or Health Care (Medicaid, Medicare, private, etc.) <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> None <input type="checkbox"/> Yes <input type="checkbox"/> Other (please specify) _____ <input type="checkbox"/> I choose not to answer this question		21. How is your transportation best, services, available, or can't sleep at night because that's not a problem. How often do you? <input type="checkbox"/> Not at all <input type="checkbox"/> Often <input type="checkbox"/> Sometimes <input type="checkbox"/> Quite a bit <input type="checkbox"/> Very much <input type="checkbox"/> I choose not to answer this question	
15. Has lack of transportation kept you from medical appointments, meetings, work, or from getting things needed for daily living? (Check all that apply) <input type="checkbox"/> Yes, it has kept me from medical appointments or... <input type="checkbox"/> Yes, it has kept me from non-medical meetings, appointments, work, or from getting things that I need. <input type="checkbox"/> No <input type="checkbox"/> I choose not to answer this question		22. How often do you see or talk to people that you care about and feel close to? (For example talking to friends on the phone, visiting friends or family, going to church or faith meetings) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Often <input type="checkbox"/> I choose not to answer this question	
16. How often do you see or talk to people that you care about and feel close to? (For example talking to friends on the phone, visiting friends or family, going to church or faith meetings) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Often <input type="checkbox"/> I choose not to answer this question		23. In the past year, have you been afraid of your partner or spouse? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Often <input type="checkbox"/> I choose not to answer this question	

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<https://prapare.org/the-prapare-screening-tool/>

Screening Versus Assessment

They are Different



https://ders-cms-prod-assets.s3.amazonaws.com/web/styles/banner_half_width/public/2020-07/Header_1.1_cropped.png?tok=StqCpXOd

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Screening Defined

- Formal interviewing and/or testing process that identifies areas of a client's life that might need further examination" (NIH, n. d.).
- Process for evaluating the possible presence of a particular problem.
- Outcome is normally a simple yes or no.



<https://www.ncbi.nlm.nih.gov/books/NBK144289/>

<https://www.aafp.org/content/dam/brand/aafp/pubs/fpm/issues/2018/0500/p7-uf1.jpg>

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Assessment Defined

- “In depth evaluation that confirms the presence of a problem, determines its severity and specifies treatment options for addressing the problem” (NIH, n. d.).
- Defines nature of the problem.
- Determines diagnosis and develops specific treatment.



<https://communityhospitalcorp.com/wp-content/uploads/2020/03/Stock-1162629597.jpg>

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SDOH Process

Diagnosis

Data Documentation

- Document in patient's paper or electronic health record
 - Problem or diagnosis list
 - Patient or client history
 - Provider notes

Additional SDOH data may be collected and retained



Centers for Medicare & Medicaid Services. (2022). *Using z codes: The social determinants of health (SDOH) data journey to better outcomes.* <https://www.cms.gov/files/document/zcodes-infographic.pdf>

<https://www.nurse.com/blog/wp-content/uploads/2022/02/Community-health-nurse-GettyImages-1267603633-web.jpg>

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What is a Z code?

Ten 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 physical environment

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

<https://www.cms.gov/files/document/zcodes-infographic.pdf>

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SDOH Process

Planning

Map Data to Z Codes

- Utilize ICD-10-CM official guidelines.
- Coding, billing, and EHR systems assist with identification of standardized codes.
- Information can be documented by any individual staff member.
- Must be in official record.



Centers for Medicare & Medicaid Services. (2022). *Using z codes: The social determinants of health (SDOH) data journey to better outcomes.* <https://www.cms.gov/files/document/zcodes-infographic.pdf>
https://zapproved.com/wp-content/uploads/2018/11/AdobeStock_236979857_edited.jpg

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SDOH Process

Implementation

Data Analysis Uses

- Identify social risk factors and unmet needs.
- Health care and services, follow-up, and discharge planning.
- Initiation of social services referrals.
- Referral tracking between providers and social services.



Centers for Medicare & Medicaid Services. (2022). Using z codes: The social determinants of health (SDOH) data journey to better outcomes. <https://www.cms.gov/files/document/zcodes-infographic.pdf>

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SDOH Process

Evaluation

Report Data Findings

- Findings can be shared with providers, social services, health plans, and consumer boards.
- Can be used to identify opportunities to advance health equity.



Centers for Medicare & Medicaid Services. (2022). Using z codes: The social determinants of health (SDOH) data journey to better outcomes. <https://www.cms.gov/files/document/zcodes-infographic.pdf>
<https://www.data4impactproject.org/wp-content/uploads/2020/02/Homepage-1.jpg>

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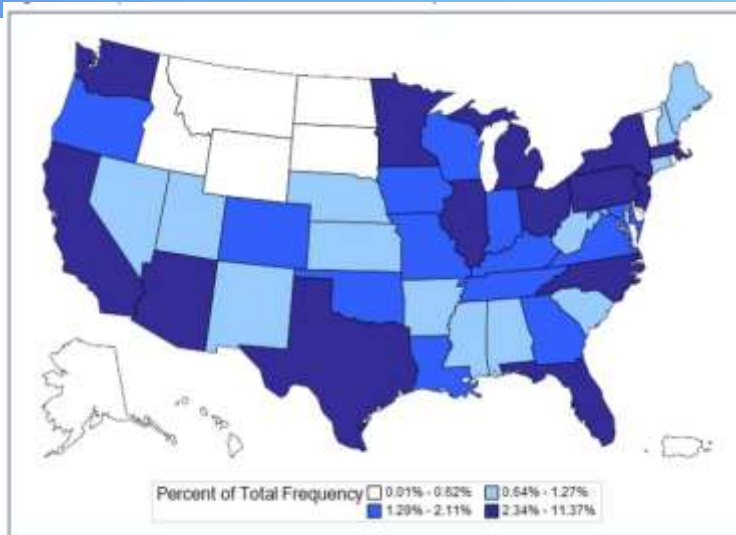
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Claims Based Data

This is not new

Proportion of Medicare FFS Z Code Claims by State, 2019



<https://www.cms.gov/files/document/z-codes-data-highlight.pdf>

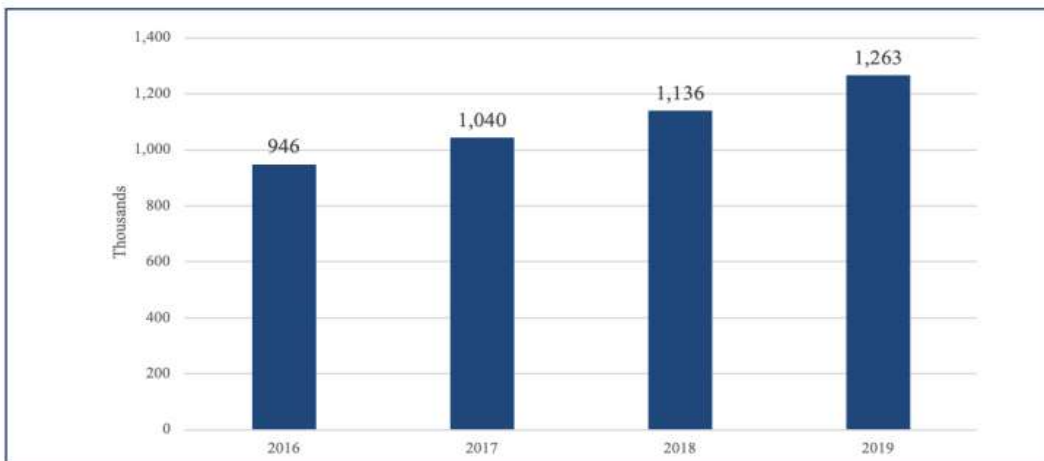
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Overall

Figure 1. Change in Total Number of Z Code Claims, 2016 to 2019.



The total number of Z code claims was 945,755 in 2016, 1,039,790 in 2017, and 1,135,642 in 2018.

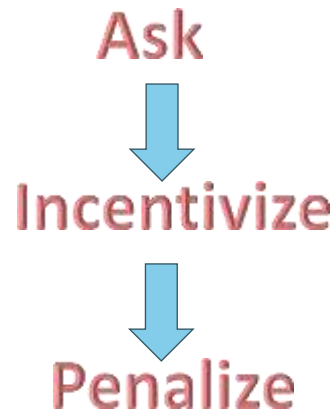
In 2019, there were 1,262,563 Z code claims, representing 0.11% of all FFS claims that year (N=1,124,319,144) and an increase of 95,852 (9.2%) from 2018 and an increase of 189,887 (20.1%) from 2016.

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Progressive Model

What is Different?



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Questions?

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Thank you

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