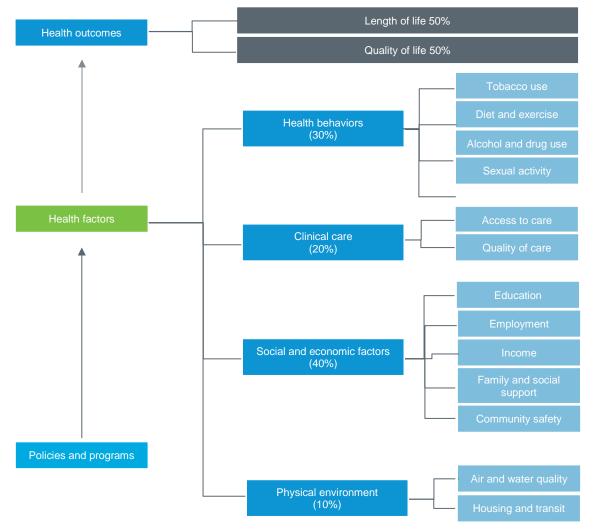


## Cerner Corporation Design Guide for the PRAPARE Tool

Cerner provides a PowerForm to capture Social Determinants of Health with the PRAPARE Tool. The form is designed based upon requirements from the NACHC (National Association of Community Health Centers). It is available for all *Cerner Millennium*<sup>®</sup> clients in *PowerChart*<sup>®</sup>. This information can be collected by clinicians, including nurses and care managers, social workers, other non-clinical health workers, navigators or the person themselves. Some of the data may come from fields in the registration of the EHR; others may be demographic information or part of social history data collection.

The form may be accessed ad hoc or from an appropriate folder location in PowerChart.



According to research conducted by Health Ranking (a Robert Wood Johnson Foundation program), 50 percent of health care outcomes and cost are determined by social and environmental factors.

Source: http://www.countyhealthrankings.org/our-approach

Improving patient care with social determinants

6 ways to improve health care (Adler and Stead, 2015):

- Diagnosis and treatment permit greater precision in diagnosing and improving treatment
- Care coordination facilitate more effective shared decision making between the clinician and patient
- Risk assessment identify risk factors, such as depression or tobacco use, that can be addressed directly
- Appropriate referrals prompt clinical team to refer a patient to a public health department or community agency
- Patient experience help expand health systems' capacity to tailor services to meet their unique population's needs
- Research broaden the patient context available to researchers from EHRs

Source: Adler, Nancy E., and Stead, William W. (2015). Patient in Context - EHR Capture of Social and Behavioral Determinants of Health. N Engl J Med. 372(8),698-701

Self-documentation is available in the patient portal:

CSD BASE WEST HEALTH		Review Back to Crabbard List Page	
Dashboard     Assessment		For: JACK BANDASACK Date Completed: Jul 18, 2018	
Appointments	~	Submitted Answers	
Health Trackers		+ PROMIS	
Action Plan		Social Determinants (PRAPARE)	
Health Record	~	What language are you most comfortable speaking?	
E Messaging	~	English	
2 eClipboards	^		
Review		At any point in the past 2 years, has seasonal or migrant farm work been you or your family's main source of income?	
		I choose not to answer this question	
		Have you been discharged from the armed forces of the United States? No	
		What is your housing situation today? I do not have housing	
		Are you worried about losing your housing?	

## The format is below as viewed in PowerChart.

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Personal Characteristics			
What language are you most comfortable speaking?		past 2 years, has t farm work been you in source of income?	Have you been discharged from the armed forces of the United States?
French	No C 1 choose not to answe	er fhis question	Yes     No     I choose not to answer this question
amily & Home			
What is your housing situation today? (ref)	Are you worried ab housing?	out losing your	How many family members, including yourself, do you currently live with?
There housing     I do not have housing     I do not have housing     I choose not to answer this question	Theve housing C Yes		8
Money & Resources	1670		-
What is the highest level of school y vave finished?	you What is your curren	nt work situation?	During the past year, what was the total combined income for you and the
			family members living with you?
Less than a high school degree     High school define or GED     More than high school     I choose not to answer this question	Unemployed and seel     Full time work     Part time or temporary     Unemployed, not seel     I choose not to answe     Other:	y work king work (e.g. student)	family members living with you?     (Ddsu/yee     (Dd
○ High school dploma or GED ○ More than high school ○ I choose not to answer this question in the past, year, have you or any fit	C Full time work Part time or temporary Unemployeed, not seek C I choose not to arrowe Other amily members you live	wak ing wak (n.g. student) er his queston Has lack of transpr	C I choose not to answer income question
<ul> <li>High rehood diplows or GED</li> <li>More than high school</li> <li>I choose not to answer this question</li> <li>In the past year, have you or any fit with been unable to get any of the twally needed?</li> </ul>	C Full time work C Part time or temporary Unemployed, not see C thouse not to answer Other amily members you live following when it was	wak ing wak (n.g. student) er his queston Has lack of transpr	K000     Iddour/epr     C I choose not to prove income question     ortation kept you from medical     trings, work, or from getting things
Hyth chool dysons or BED     More have hyth chool     I choose not to answer this question     In the past year, have you or any fit with been unable to get any of the i vaily needed?     DNd cos     DNd cos	C Full time vol. C Part line or temporary Unemployed, not seek I choose not to anow Other: amaly meembers you live following when it was like noces not to anower this question	work ing work (e.g. student) in this question Has lack of transpr appointments, mee needed for daily liv [] Yes, kept hom geting	COO     Cours not to prove income section     T choose not to prove income section     Statistical department income section     Statistical department income section     Statistical department income section     Statistical department income section
High school diplane or EED     More than high school     I choose not to answer this question     I choose not to answer this question     this been unable to gitt any of the     Contrag     Contrag     Contrag     Modere or any Inality	C Full time vol. C Part line or temporary Unemployed, not seek I choose not to anow Other: amaly meembers you live following when it was like noces not to anower this question	vook ing wok (e.g. student) et Ris queston Has lack of transpi appointments, mee needed for daily ity [2] Yee, kept ten poting [2] Yee (application of the poting [2] Yee (applicati	COO     Cours not to prove income section     T choose not to prove income section     Statistical department income section     Statistical department income section     Statistical department income section     Statistical department income section
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High school delenes of IED     Mone have high school     Honce     Ho	Full time work     Full time volt     Full time volt     Demployed not are     Constrained to anyour     Colouring when it was	yeak ing wak is a mident) er is question Has lack of transpo- appointments, me- medical for daily liv □ for the period □ those not to areau □ these	Construction     C

Social & Emotional Health		
How often do you see or talk to peo feel close to? (For example: talking t friends or family, going to church or	Stress is when someone feels tense, nervous, anxious, or can't sleep at nigh because their mind is troubled. How stressed are you?	
Less than once a week     Less than once a week     O 10 5 times a week     More than 5 times a week     O for the start of the superior     to answer this guestion		No at all     No at all     Somewhat     Guide a bit     Guide a bit     Gorge much     I choose not to answer this question
Do you feel physically and emotional safe where you currently live?	In the past year, have you been afra of your partner or ex-partner?	id Are you a refugee?
Yes     No     Unsure     I choose not to answer this quastion	Yee     No     Unsure     I have not had a partner in the past year     I choose not to answer this question	Yes     No     I choose not to answer this question
In the past year have you spent mo detention center, or suvenile correct	re than 2 nights in a row in a jail, prison, ional facility?	What was your release date?
Yes     Old	January 6, 2018	

Responses may indicate social needs risks:

In the Past Year, Have You or Someone in Your Household Had to Go Without any of the Following When it was Really Needed? Check any That Apply						
Child care	Rent/Mortgage Payment					
Clothing	Transportation					
✓ Food	Utilities					
Health insurance	I choose not to answer this question					
Medicine or medical care	🗖 Other:					
Phone						

These social needs are translated into goals and activities that contribute to the person's longitudinal plan.

For additional information please contact populationhealth@cerner.com