

## Appendix E. Community Health Status Assessment and Combined Analysis

### Community Health Status Assessment

#### Goals of analysis:

- 1) Visualize overview of health in community based on indicators.
- 2) Identify “top” alarming health indicators for each jurisdiction.

#### Goal #1: visualize overview of health in community:

- Compile set of core indicators that are the same across each jurisdiction.
- Compile additional indicators in each specific jurisdiction based on known and emerging issues in community, specific concerns of stakeholders in community, or themes identified in CTSA.
- Compile core and expanded indicator data by race, gender, etc., and identify set benchmarks such as HP2020, statewide number, regional number, and County Health Rankings.
- Classify indicators as relevant to broad categories:
 

Chronic conditions	Maternal and child health
Economic stability	Mental health
Educational opportunities	Neighborhood and built environment
Healthcare access and delivery systems	Obesity, nutrition, and physical activity
Health related quality of life and well-being	Oral health
Immunizations and infectious diseases	Sexual and reproductive health
Injury and violence	Tobacco and substance use

#### Goal #2: identify “top” indicators in jurisdiction:

- Build database to identify disparity, trend, and benchmark characteristics of each indicator.  
Example definitions:

**Disparity:** Meaningful disparity = a >10% percentage difference between group and reference group. Indicators further classified as: reference group, medium disparity = 10-99% difference, and large disparity = 100% difference.

Groups were separated based on: race/ethnicity (Asian, Black, White, American Indian/Alaskan Native, Native Hawaiian/Other Pacific Islander, Other), sex, age, education, income, etc.





**Trend over time:** Meaningful difference is >1% percentage difference (up or down) from prior available data.

**Benchmark:** Used established benchmarks such as state rate, national rate, HP 2020 targets, County Health Rankings, etc.

Overall process:

1. Count number of indicators in each category with high or medium disparity by type (indicators may have more than one disparity, based on categories, e.g. disparity by race, disparity by age, etc.)
2. Count number of indicators in each category that is improving, worsening, no change, or no trend available.
3. Count number of indicators in each category that has met or not met a bench mark.
4. Assign green, red, or yellow for disparity, progress, and benchmark based on majority of indicators in category that have each

Figure E1. Legend for ratings

	Disparities	Progress	Benchmarks
	>100% difference for most indicators	More indicators in category worsened	More indicators in category have not met benchmarks
	10-99% difference for most indicators	Same number of indicators are getting better or worse, or staying the same	Same number of indicators in category have met or not met benchmarks
	<10% difference for most indicators	More indicators in category improved	More indicators in category have met benchmarks
	Data not available to assess		

If you would like more information regarding the data scoring method or indicators used, please contact [pwhd@vdh.virginia.gov](mailto:pwhd@vdh.virginia.gov).

## Analyzing the Combined Assessments































### Goals of analysis:

- 1) To pull together results from CHSA, CTSA, and FOCA.
- 2) To identify 8-10 categories of indicators that show emerging health issues.

**Goal #1: pull together results:** Enter results from each assessment into the following matrix in order to compare status across categories.

**Goal #2: identify high priority categories:** Sort information by columns. Categories identified as themes in at least two of the three criteria are considered significant health concerns in the community.


Figure E2. Determining Top Themes across All Three Assessments

Indicator Category	CTSA	CHSA	FOCA
Chronic conditions			
Economic stability			
Educational opportunities			
Healthcare access & delivery systems			
Health related quality of life & wellbeing			
Immunizations & infectious disease			
Injury & violence			
Maternal & child health			
Mental health			
Neighborhood & built environment			
Obesity, nutrition, & physical activity			
Oral health			
Sexual & reproductive health			
Tobacco & substance use			



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