

Intermediate-term Outcomes					Most Recent Data
State-level Indicator	Baseline (year)	2022 Targets	Data Source	Time Frame	
Prevention					
Human Papillomavirus (HPV)					
Percent of females aged 13-17 vaccinated with HPV UTD vaccines *	43.6 (2016)	80.6	NIS-Teen	Annually	43.9 (2017)
Percent of males aged 13-17 vaccinated with HPV UTD vaccines *	35.0 (2016)	87.0	NIS-Teen	Annually	32.1 (2017)
*UTD (Up to Date) – Includes those with ≥3 doses, and those with 2 doses when the first HPV vaccine dose was initiated before age 15 years and time between the first and second dose was at least 5 months minus 4 days.					
Obesity (Physical Activity and Nutrition)					
Percent of adults who participated in 150 minutes or more of aerobic physical activity per week	46.6% (2015)	51.3%	BRFSS	Biennially	43.0 (2017)
Adult median intake of fruits per day	48.9% (2015)	-	BRFSS	Biennially	54.2 (2017)
Adult vegetable consumption	75.6%(2015)	-	BRFSS	Biennially	82.9 (2017)
Percent of adolescents who ate fruit or drank 100% fruit juice one or more times daily in past 7 days	20.3% (2017)	-	YRBSS	Biennially	20.3 (2017)
Percent of adolescents who ate vegetables two or more times daily in the past 7 days	9.3% (2017)	-	YRBSS	Biennially	9.4 (2017)
Percentage of adults with obesity	32.8% (2016)	29.5%	BRFSS	Annually	34.8 (2017)
Percentage of adolescents with obesity	17.1% (2017)	15.3%	YRBSS	Biennially	17.6 (2017)
Tobacco					
Percent of adults who currently smoke	19.6 (2016)	15.8%	BRFSS	Annually	19.7 (2017)
Percent of adolescents (high school) who currently smoke	12.5 (2017)	11.0%	YRBSS	Biennially	9.1 (2017)
Early Detection and Diagnosis					
Percentage of adults age 50-75 who have had a FOBT in the past year or a sigmoidoscopy in the past 5 years	59.4 (2016)	62.0	BRFSS	Biennially	62.7 (2017)

Commented [FK1]: The 2022 target is unachievable. Based on the trend data, we project 2021 female HPV vaccination rate of 45.2%. The OCCN group can decide if they want to revise the 2022 target or keep the current target.

Commented [FK2]: The trend going in negative direction. The OCCN group can decide if they want to keep the current target or revise it by:
 - maintaining baseline
 - 5% increase: 36.8%
 - 10% increase: 38.5%

Commented [FK3]: The trend going in negative direction. The OCCN group can decide if they want to keep the current target or revise it by:
 - maintaining baseline
 - 5% increase: 48.9%
 - Align it to Center-OSDH Strategic Plan: 50%

Commented [FK4]: We recommend that **adult median intake of fruits per day** indicator needs to be changed to **adult fruit consumption > 1 serving per day (2015 baseline data: 48.9%)**. The OCCN group can decide which direction they want to go with the target. There already has been an 11% increase in 2017 (most recent data: 54.2%). Based on trend data, we project the 2021 daily fruit consumption of 59.5%.

Commented [FK5]: We recommend that **adult median intake of vegetable per day** indicator needs to be changed to **adult vegetable consumption > 1 serving per day (2015 baseline data: 75.6%)**. The OCCN group can decide which direction they want to go with the target. There already has been an 10% increase in 2017 (most recent data: 82.9%). Based on trend data, we project the 2021 daily fruit consumption of 92.3%.

Commented [FK6]: We recommend this indicator to be updated based on CDC's recommendations. Should be **two or more times daily** instead of one or more times daily. The OCCN group can decide on the target,
 - maintain baseline
 - 5% increase: 21.3%
 - 10% increase: 22.4%

Commented [FK7]: We recommend this indicator to be updated based on CDC's recommendations. Should be **three or more times daily** instead of two or more times daily. The OCCN group can decide on the target,
 - maintain baseline

Commented [FK8]: We recommend that the 2022 target should align with the new OSDH strategic plan goal of reducing adult obesity by 1% each year.

Commented [FK9]: We recommend that the 2022 target should align with the new OSDH strategic plan goal of reducing adolescent obesity by 1% each year.

Commented [FK10]: We recommend that the 2022 target should align with the new OSDH strategic plan target of 16.4% for reducing adult smoking.

Commented [FK11]: We recommend that the 2022 target should align with the new OSDH strategic plan target of 8.6% for reducing adolescent smoking.

Commented [FK12]: Target has already been surpassed. The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2020 % to be 65.2%

plus FOBT in the past 3 years, or a colonoscopy in the past 10 years					
Percent of women age 50-74 years who have had a mammogram in past two years	74.4 (2016)	78.1	BRFSS	Biennially	74.3 (2016)
Percent of women aged 21-65 who have had a PAP test in past 3 years	78.8 (2016)	82.7	BRFSS	Biennially	76.1 (2016)
Percent of high-risk individuals who have been screened for lung cancer	7.5%	TBD	BRFSS	Biennially	
Survivorship/Quality of Life					
Among those who have ever been diagnosed with cancer, percent of adults who have reported that poor physical or mental health kept them from doing usual activities such as self-care, work, or leisure, on 14 or more of the past 30 days	24.1 (2016)	22.9	BRFSS	Biennially	21.1 (2016)

Commented [FK13]: The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2020 % to be 76.1%.

Commented [FK14]: The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2020 % to be 76.4%.

Commented [FK15]: 2017 was the first year this data was collected. Two more years of data will be available (2019, 2021) before 2022. The OCCN group can decide which direction they want to go with the target.
- maintaining baseline
- 5% increase: 7.9%
- 10% increase: 8.3%

Commented [FK16]: Target has already been surpassed. The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2020 % to be 15%

Long term Outcomes					
State- Level Indicator	Baseline (year) 2016	2022 Targets	Data Source	Time Frame	Most Recent Data
Mortality					
Age-adjusted cancer mortality rate	182.0/100,000	170.5	CDC Wonder	Annually	178.1 (2019)
Age-adjusted female breast cancer mortality rate	22.2	20.5	CDC Wonder	Annually	24.3 (2019)
Age-adjusted cervical cancer mortality rate	2.5	2.4	CDC Wonder	Annually	3.5 (2019)
Age-adjusted colorectal cancer mortality rate	16.8	16.2	CDC Wonder	Annually	16.1 (2019)
Age-adjusted lung cancer mortality rate	49.4	41.3	CDC Wonder	Annually	46.8 (2019)
Incidence					
Incidence	Baseline (year) 2015	2022 Targets	Data Source	Time Frame	
Age-adjusted cancer incidence rate	486.4/100,000	453.5	OCCR	Annually	474.3 (2019)
Age-adjusted female breast cancer incidence rate	145.4	138.4	OCCR	Annually	143.8 (2019)
Age-adjusted cervical cancer incidence rate	8.5	7.7	OCCR	Annually	8.8 (2019)
Age-adjusted colorectal cancer incidence rate	41.8	33.0	OCCR	Annually	41.2 (2019)
Age-adjusted lung cancer incidence rate	66.9	54.5	OCCR	Annually	62.1 (2019)

Commented [FK17]: We recommend the baseline for this indicator to be changed from 182 deaths/100,000 (deaths from all cancers) to 177.8 deaths/100,000 (deaths from malignant cancers). The OCCN group can decide which direction they want to go with the target. Based on the trend data, projection for 2021 is 178.4 deaths/100,000

Commented [FK18]: The trend going in negative direction. The OCCN group can decide if they want to keep the current target or revise it by:
- maintaining baseline
- 5% decrease: 21.1

Commented [FK19]: The trend going in negative direction. The OCCN group can decide if they want to keep the current target or revise it by maintaining baseline.

Commented [FK20]: Baseline for CRC mortality should be 17.2. Target has already been surpassed. The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2021 rate to be 14.6.

Commented [FK21]: The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2021 rate to be 44.1%.

Commented [FK22]: **Note:** Cancer incidence data is finalized with a two-year delay. At the time of establishing the baseline for the State Cancer Plan outcomes, the 2015 cancer incidence rates were not final and were subject to change. The 2015 data was finalized in 2017. As a result, the baseline data in the State Cancer Plan and the actual 2015 final data for cancer incidence available on [OK2SHARE](#) will be different.

Commented [FK23]: On track to meet the outcome.

Commented [FK24]: On track to meet the outcome.

Commented [FK25]: The trend going in negative direction. The OCCN group can decide if they want to keep the current target or revise it by:
- maintaining baseline
- 5% decrease: 8.1/100,000

Commented [FK26]: The OCCN group can decide if they want to keep the current target or revise it. Based on the trend data, we project the 2021 rate to be 39/100,000.

Commented [FK27]: On track to meet this outcome.