# I Ohio Comprehensive Cancer Control Plan 2021-2030

The 2021–2030 Ohio Comprehensive Cancer Control Plan (Cancer Plan) is a strategic plan for Ohio aimed at reducing the cancer burden in the state. Cancer impacts many Ohioans, with 74,000 cases diagnosed in 2017, and is still the second leading cause of death in Ohio.

The development of the Cancer Plan was led by the Ohio Partners for Cancer Control (OPCC), Ohio's cancer coalition. The Cancer Plan was developed by a diverse group of stakeholders (e.g., cancer survivors, caregivers, friends, public health professionals, healthcare providers, advocates, educators, researchers, support agencies) who are committed to addressing cancer. These stakeholders formed 17 workgroups to develop objectives and strategies related to numerous aspects of cancer in Ohio. This plan, with 49 objectives, is the most comprehensive plan yet developed by OPCC and is intended to serve as a roadmap for the prevention and control of cancer for Ohio.

The plan is organized into three goal areas: primary prevention, early detection, and quality of life for persons affected by cancer. All objectives within these goal areas are measurable and supported by data. Each objective is supported by evidence-based strategies, with at least one strategy focusing on health equity.

#### **Primary Prevention**

The first goal is to prevent cancer from occurring, and 22 objectives were developed to support this goal. Topics included in this goal area are cancer genetics, exposure to environmental carcinogens, liver cancer, physical activity, nutrition, obesity, tobacco use, skin cancer and ultraviolet exposure, and vaccines for cancer prevention.

### **Early Detection**

The second goal of the Cancer Plan is to detect cancer at its earliest stage; 13 objectives were developed to address this goal. Topics included in this goal area are breast cancer, cervical cancer, colorectal cancer, lung cancer, and prostate cancer.

## Quality of Life for Persons Affected by Cancer

The third goal is to optimize the well-being of every person impacted by cancer. Workgroups developed 14 objectives to support this goal. Topics included in this goal area are cancer and aging, delivery of patient-centered services, financial burden and barriers, palliative care and hospice care, and pediatric cancer.

This Cancer Plan is much larger than what any one organization or individual can accomplish. It was developed with the knowledge that the burden of cancer in Ohio can only be reduced when many organizations and individuals work together to achieve these common goals.

Engagement Score

12.358

Impact Score

o ccc Cancer Genetics* ∎	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Number of individuals who receive Ohio Cancer Genetic Network Cancer Risk Assessment services.	FYA 2023	17,383	14,830	15%	14,830	▶ 3	41% 🕇
Data Source: ODH genetics database	FYA 2022	14,947	14,830	1%	14,830	<b>7</b> 2	21%
17, 383	FYA 2021	14,711	14,830	-1%	14,830	<b>7</b> 1	19%
16k 14,7211 14,947 14,830 14,830 14,830	FYA 2019	12,358	-	-	14,830	<b>→</b> 0	0%➔

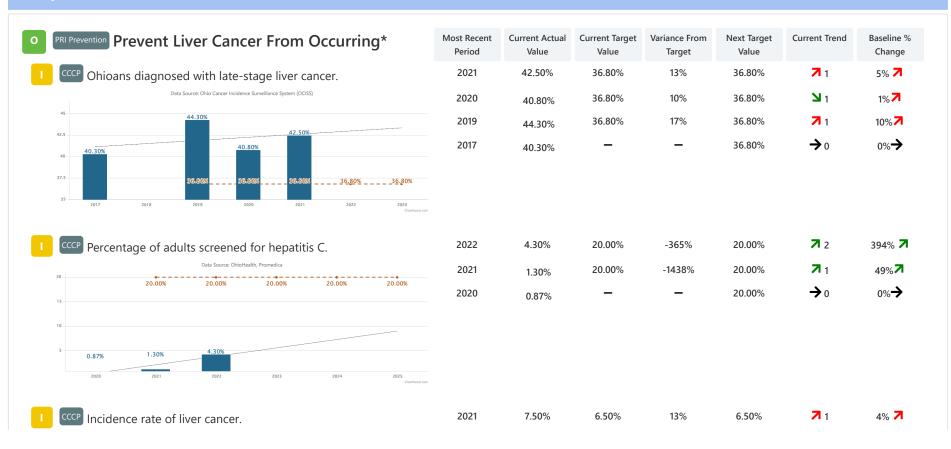
EVA 2024

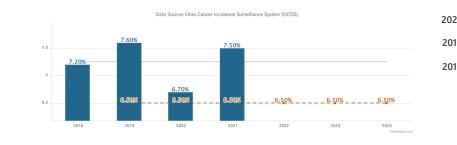
FYA 2025

#### Primary Prevention - Exposure to Environmental Carcinogen



Primary Prevention - Liver Cancer





)20	6.70%	6.50%	3%	6.50%	<b>N</b> 1	-7% 🎽
019	7.60%	6.50%	14%	6.50%	<b>7</b> 1	6% 7
018	7.20%	-	-	6.50%	<b>→</b> 0	0%→

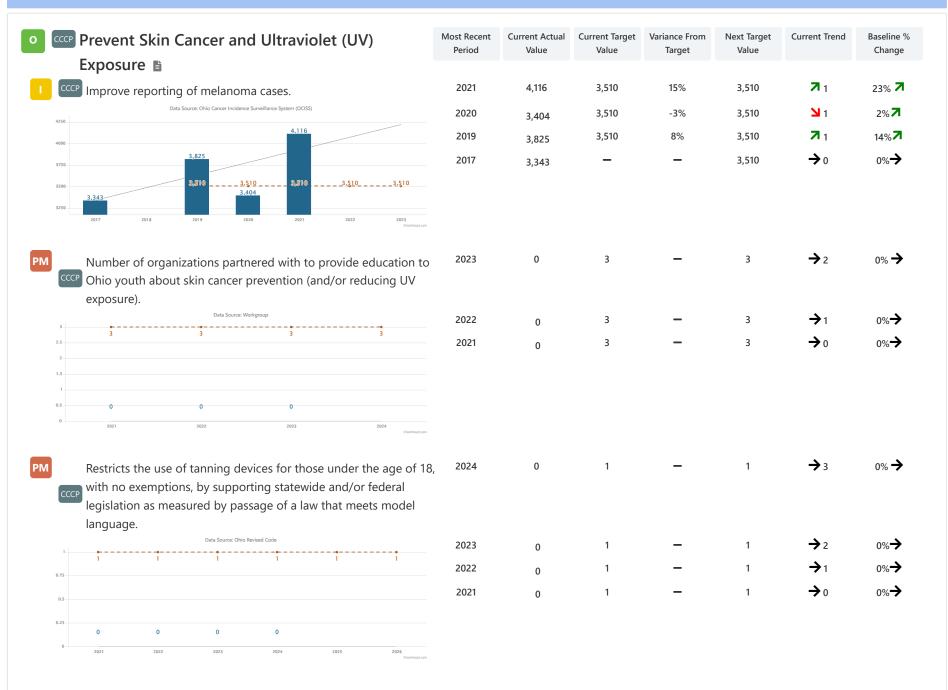
## Primary Prevention - Physical Activity, Nutrition, and Obesity



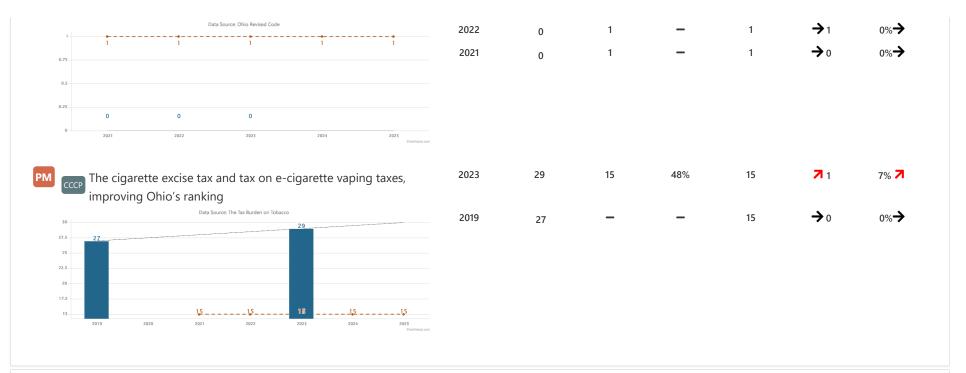
Prevent cancer through healthy eating*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Percentage of high school students who did not eat fruit or drink 100% fruit juices during the past 7 days	2021	9.80%	9.60%	2%	9.60%	<b>N</b> 1	-8% 🎽
100% fruit juices during the past 7 days							



## Primary Prevention - Skin Cancer and Ultraviolet (UV) Exposure

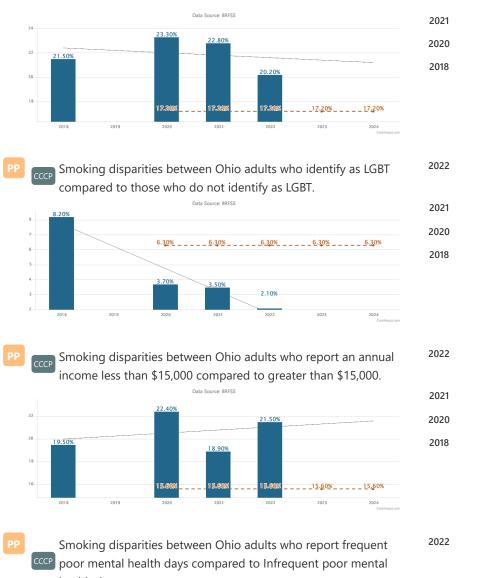


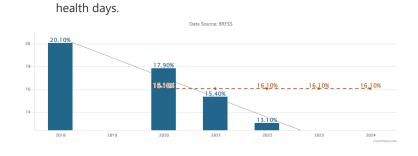
Prevent cancer through reducing the usage of tobacco*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Percentage of Ohio adults who report any current tobacco/nicotine use	2022	25.70%	22.10%	14%	22.10%	<b>7</b> 1	-7% 🎽
Data Source: BRFSS	2021	21.10%	22.10%	-5%	22.10%	<b>N</b> 2	-24% 뇌
27, 50%	2020	25.90%	22.10%	15%	22.10%	<b>N</b> 1	-6% 뇌
25.90% 25.70% 24 22 22 2018 2019 2020 2021 2022 2023 2024 Currents Line 22 2018 2019 2020 2021 2022 2023 2024 Currents Line	2018	27.60%	-	-	22.10%	<b>→</b> 0	0%→
Percentage of Ohio middle school youth who use tobacco/nicotine	2021-2022	10.09%	13.20%	-31%	13.20%	<mark>۱ لا</mark>	-39% 🖌
16.50% 13.20% 13.20% 13.20% 10.09% 2019-2020 2021-2022 2023-2024 2025-2026 2027-2028 Continuence control of the second secon							
CCCP Percentage of Ohio high school youth who use tobacco/nicotine	2021-2022	20.30%	28.50%	-40%	28.50%	<b>N</b> 1	-43% 🎽
Data Source: Youth Risk Behavior Surveillance System (YRBS)         35.50%       28.50%       28.50%       28.50%         2019-2029       2021-2022       2023-2024       2025-2024       2027-2028         Contract of the second	2019-2020	35.50%	-	-	28.50%	<b>→</b> 0	0%→
Expand Ohio's Comprehensive Smoke-Free Law to include all grounds owned by the State of Ohio.	2023	0	1	-	1	<b>→</b> 2	0% →



O CCCP Prevent cancer through reducing the smoking disparities*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Smoking disparities between Ohio adults living with a disability compared to not living with a disability.	2022	12.60%	9.90%	21%	9.90%	<mark>ا لا</mark>	2% 7
Data Source: BRFSS	2021	13.10%	9.90%	24%	9.90%	7 2	6% 7
12.40%	2020	12.90%	9.90%	23%	9.90%	71	4%
12	2018	12.40%	-	-	9.90%	<b>→</b> 0	0%➔
10 9.90% 9.90% 9.90% 9.90%							
2018 2019 2020 2021 2022 2023 2024 Country at Carding a							
PP Smoking disparities between Ohio adults who did not graduate	2022	20.20%	17.20%	15%	17.20%	<b>N</b> 2	-6% 뇌

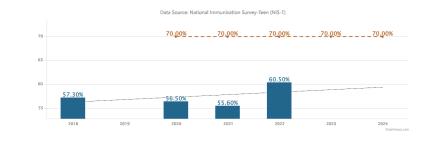
from high school compared to high school graduate or higher.





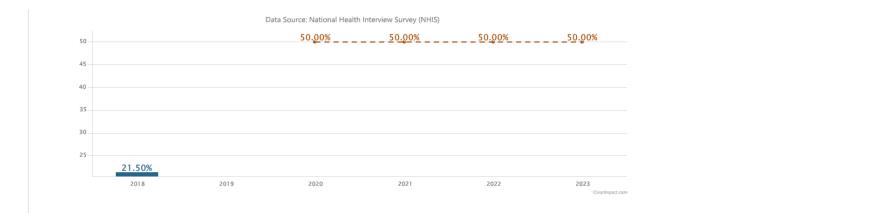
2021	22.80%	17.20%	25%	17.20%	1 <b>ک</b>	6% 7
2020	23.30%	17.20%	26%	17.20%	71	8%7
2018	21.50%	-	-	17.20%	→ 0	0%→
2022	2.10%	6.30%	-200%	6.30%	<b>N</b> 3	-74% 🎽
2021	3.50%	6.30%	-80%	6.30%	<b>N</b> 2	-57% 🎽
2020	3.70%	6.30%	-70%	6.30%	<b>N</b> 1	-55% 🎽
2018	8.20%	-	-	6.30%	<b>→</b> 0	0%➔
2022	21.50%	15.60%	27%	15.60%	71	10% 7
2021	18.90%	15.60%	17%	15.60%	<b>N</b> 1	-3% 🎽
2020	22.40%	15.60%	30%	15.60%	71	15%
2018	19.50%	_	_	15.60%	<b>→</b> 0	0%➔
2022	13.10%	16.10%	-23%	16.10%	<b>N</b> 3	-35% 🎽
					_ 3	33% <u> </u>
2021	15.40%	16.10%	-5%	16.10%	<b>N</b> 2	-23% 🎽
2020	17.90%	16.10%	10%	16.10%	<b>N</b> 1	-11% 🎽
					•	•
2018	20.10%	_	_	16.10%	<b>→</b> 0	0%→

Prevent cancer through increasing HPV vaccine	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline Chang
rates in adolescents 13 to 17 years of age*						_	
Percentage of adolescents 13 to 17 years of age who are up-to- date with Human Papillomavirus (HPV) vaccine, especially among groups experiencing disproportionate effects residing in non- metropolitan (rural) areas of the state.	2022	43.90%	70.00%	-59%	70.00%	<b>7</b> 1	4% 7
Data Source: National Immunization Survey-Teen (NIS-1) 70.00%70.00%70.00%70.00%70.00%	2019	33.00%	70.00%	-112%	70.00%	<b>ک</b> 1	-22%
10.002 10.002 10.002 10.002 10.002 10.002	2017	42.30%	-	-	70.00%	<b>→</b> 0	0%
42.30% 33.00% 2017 2018 2019 2020 2021 2022 2023 2024 Continuent.com							
Percentage of adolescents 13 to 17 years of age who are up-to- date with Human Papillomavirus (HPV) vaccine.	2022	62.70%	70.00%	-12%	70.00%	<b>7</b> 2	8% 7
Data Source: National Immunization Survey-Teen (NIS-T)	2021	62.20%	70.00%	-13%	70.00%	<b>7</b> 1	7%7
70.00% 70.00% 70.00% 70.00% 70.00%	2020	53.20%	70.00%	-32%	70.00%	<b>N</b> 1	-9%
58.20% 58.20% 2018 2019 2020 2021 2022 2023 2024 Curringst.com	2018	58.20%	-	-	70.00%	<b>→</b> 0	0%
58.20% 53.20% 2018 2019 2020 2021 2022 2023 2024 Contract contract contr	2018 2022	58.20% 65.10%	- 70.00%	-8%	70.00%	→ 0 ▶ 1	
58.20% 53.20% 2019 2020 2021 2022 2023 2024 Contrast.com Percentage of female adolescents 13 to 17 years of age who are up-to-date with Human Papillomavirus (HPV) vaccine. Data Source: National Immunization Survey-Teen (NIS-T)			- 70.00% 70.00%	-8%			10%
58.20% 2018 2019 2020 2021 2022 2023 2024 Contract of female adolescents 13 to 17 years of age who are up-to-date with Human Papillomavirus (HPV) vaccine.	2022	65.10%			70.00%	<b>N</b> 1	10% <b>3</b> 17% <b>3</b>
<b>58.20% 58.20% 53.20% 53.20% 53.20% 53.20% 2010 2020 2021 2022 2022 2023 2024 Contract of the second secon</b>	2022 2021	65.10% 69.00%	70.00%	-1%	70.00% 70.00%	<b>№</b> 1 <b>7</b> 1	0%-→ 10% 7 17% 7 -16% →



2021	55.60%	70.00%	-26%	70.00%	<b>N</b> 2	-3% 🎽	
2020	56.50%	70.00%	-24%	70.00%	<b>N</b> 1	-1% 🎽	
2018	57.30%	-	-	70.00%	<b>→</b> 0	0%→	

		ugh increasing HPV vaccine s 18 to 26 years of age*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value		Chang
СССР		ng adults 18 to 26 years of age who are ne,	2018	35.30%	-	-	-	<b>→</b> 0	0% -
60		Data Source: National Health Interview Survey (NHIS)		60.00%					
55				•					
50									
45									
40	35.30%								
35				2020					
_	2018 Percentage of male vound	2019	2018	9.00%	ClearImpact.com	_	_	<b>→</b> 0	0% -
CCCI		adults 18 to 26 years of age who are ne.	2018		ClearImpact.com	-	-	<b>→</b> 0	0% -
CCCI	Percentage of male young	adults 18 to 26 years of age who are	2018	9.00%	ClearImpact.com	-	-	<b>→</b> 0	0% -
	Percentage of male young	adults 18 to 26 years of age who are ne.	2018		ClearImpact.com	-	-	<b>→</b> 0	0% -
	Percentage of male young	adults 18 to 26 years of age who are ne.	2018	9.00%	ClearImpact.com	-	-	<b>→</b> 0	0% <b>-</b>
40	Percentage of male young	adults 18 to 26 years of age who are ne.	2018	9.00%	ClearImpact.com	-	-	<b>→</b> 0	0% <del>-</del>
40	Percentage of male young	adults 18 to 26 years of age who are ne.	2018	9.00%	ClearImpact.com	-	-	<b>→</b> 0	0% -
40	Percentage of male young	adults 18 to 26 years of age who are ne.	2018	9.00%	ClearImpact.com	_	_	<b>→</b> 0	0% -
40	Percentage of male young up-to-date with HPV vacci	adults 18 to 26 years of age who are ne.	2018	9.00%	ClearImpact.com	_	_	<b>→</b> 0	0% -
40	Percentage of male young up-to-date with HPV vacci 9.00%	adults 18 to 26 years of age who are ne. Data Source: National Health Interview Survey (NHIS)	2018	9.00% 40.00%		_	-	<b>→</b> 0	0;





# Early Detection - Breast Cancer

# CCCP Detect Breast Cancer at its earliest stage\*

Percentage of women 50 to 74 years of age who have been screened for breast cancer in accordance with United States Preventive Services Task Force recommendations.

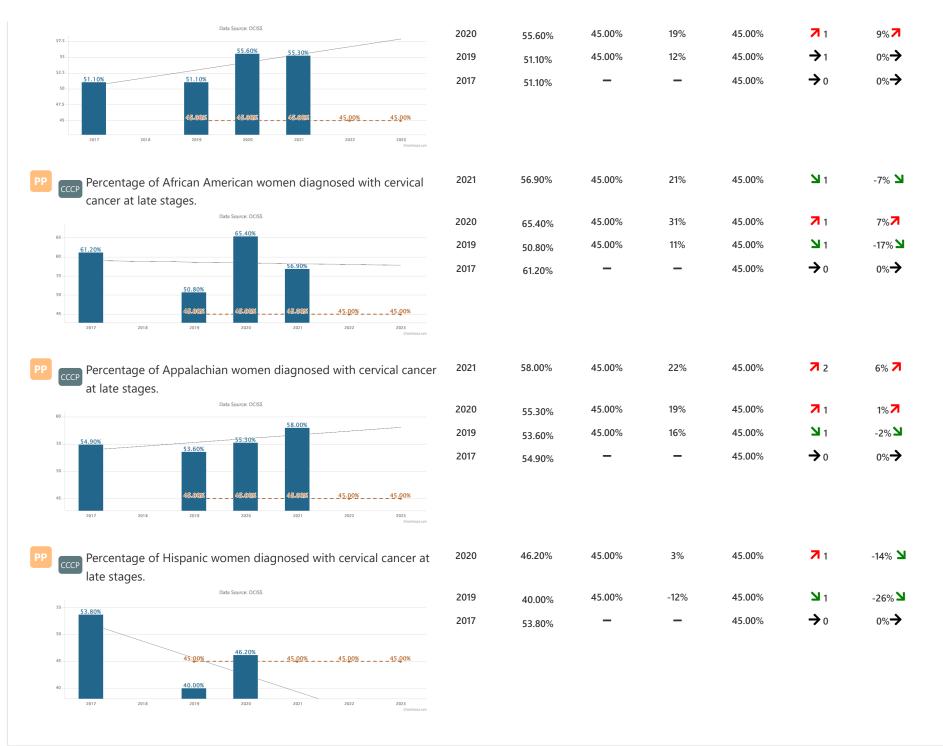
Most Recent	Current Actual	Current Target	Variance From	Next Target	Current Trend	Baseline %
Period	Value	Value	Target	Value		Change
2021-2022	75.60%	95.00%	-26%	95.00%	<b>N</b> 1	-3% 🎽

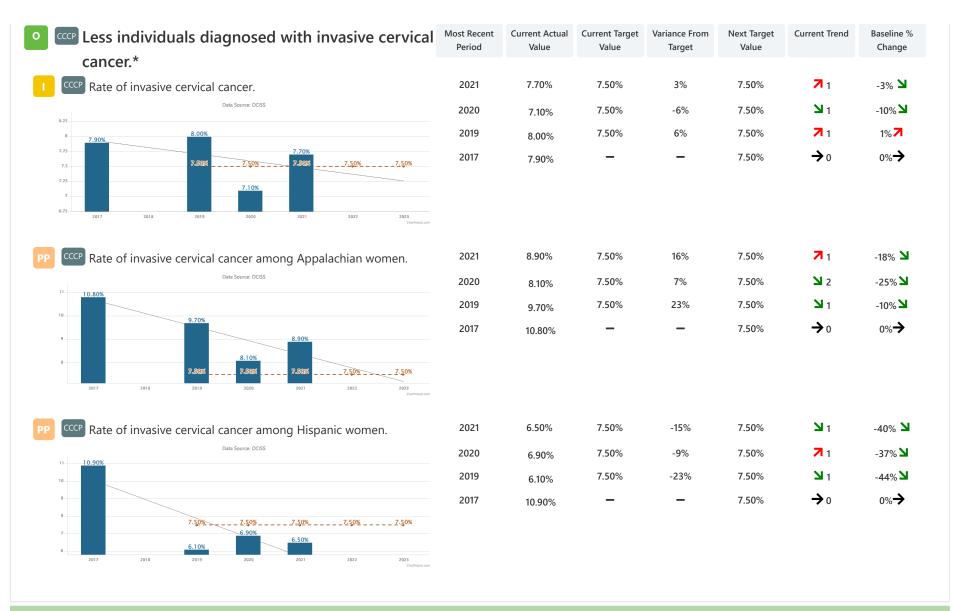


**Early Detection - Cervical Cancer** 

More individuals screened for cervical cancer*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Percentage of women 21 to 65 years of age who have been	2021-2022	96.60%	85.00%	12%	85.00%	<b>7</b> 1	22% 🕇
screened for cervical cancer .							

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 100 96.60%	2019-2020	77.40%	85.00%	-10%	85.00%	<b>N</b> 1	-2% 🎽
95 90 85 85.00% 85.00% 85.00% 85.00% 85.00% 80 79.20% 77.40% 75 2017-2018 2019-2020 2021-2022 2023-2024 2025-2026 2027-2028 Country of Country	2017-2018	79.20%	-	-	85.00%	<b>→</b> 0	0%→
PP CCCP Percentage of Appalachian women 21 to 65 years of age who have been screened for cervical cancer.	<sub>e</sub> 2021-2022	94.80%	85.00%	10%	85.00%	<b>7</b> 1	28% 7
Data Source: Behavioral Risk Factor Surveillance System (BRFSS)	2019-2020	73.40%	85.00%	-16%	85.00%	<b>N</b> 1	-1% 🎽
95 94.80% 95 96 85.00% 85.00% 85.00% 80 75 73.40% 73	2017-2018	74.00%	-	-	85.00%	<b>→</b> 0	0%≯
PP Percentage of Hispanic women 21 to 65 years of age who have been screened for cervical cancer. Data Source: Behavioral Risk Factor Surveillance System (BRFSS)	2021-2022 2019-2020	96.30% 77.40%	85.00%	-10%	85.00%	<b>7</b> 2	31% <b>7</b> 5% <b>7</b>
95 90 85 85,00% 85	2017-2018	73.40%	-	-	85.00%	<b>→</b> 0	0%→
• CCCP Less individuals diagnosed with late state cervical cancer.*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Percentage of women diagnosed with cervical cancer at late stages.	2021	55.30%	45.00%	19%	45.00%	<b>N</b> 1	8% 7



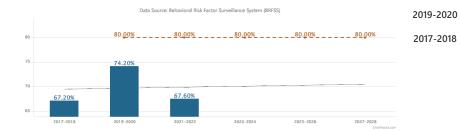


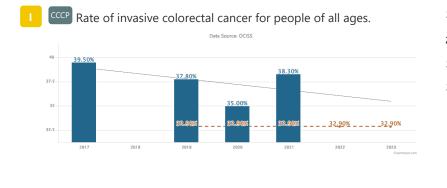
**Early Detection - Colorectal Cancer** 

cccp colorectal cancer screening based on the most recent United

States Preventive Services Task Force guidelines.

CCCP Detect Colorectal Cancer at its earliest stage*	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
Percentage of adults 50 to 75 years of age who receive a	2021-2022	67.60%	80.00%	-18%	80.00%	<b>N</b> 1	1% 7





2021	38.30%	32.90%	14%	32.90%	71	-3% 뇌
2020	35.00%	32.90%	6%	32.90%	<b>N</b> 2	-11% 🎽
2019	37.80%	32.90%	13%	32.90%	<b>N</b> 1	-4% 🎽
2017	39.50%	-	-	32.90%	<b>→</b> 0	0%➔

-8%

80.00%

74.20%

67.20%

80.00%

80.00%

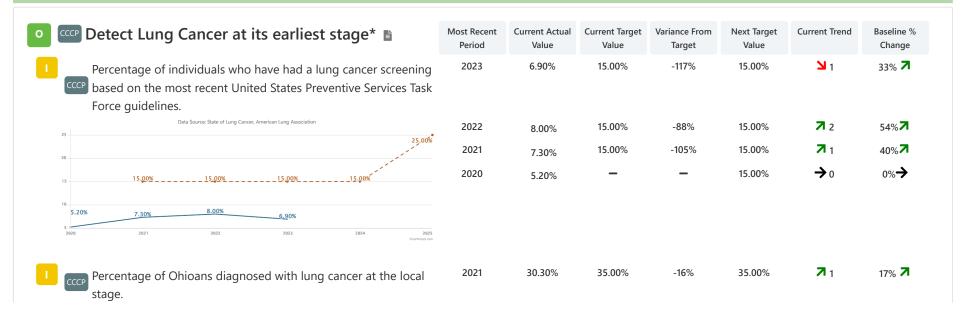
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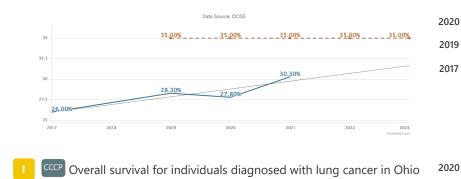
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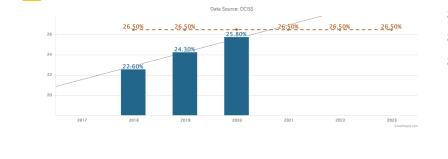
10%7

0%→

# Early Detection - Lung Cancer







2019	28.30%	35.00%	-24%	35.00%	<b>7</b> 1	9% 🗖
2017	26.00%	-	-	35.00%	<b>→</b> 0	0%➔
2020	25.80%	26.50%	-3%	26.50%	<b>7</b> 3	36% 🗖
2019	24.30%	26.50%	-9%	26.50%	<b>7</b> 2	28%
2018	22.60%	26.50%	-17%	26.50%	<b>7</b> 1	19%
2015	19.00%	-	-	26.50%	<b>→</b> 0	0%➔

-26%

35.00%

35.00%

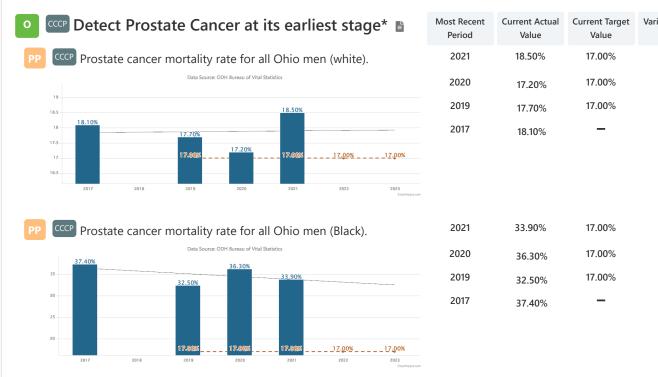
27.80%

7%7

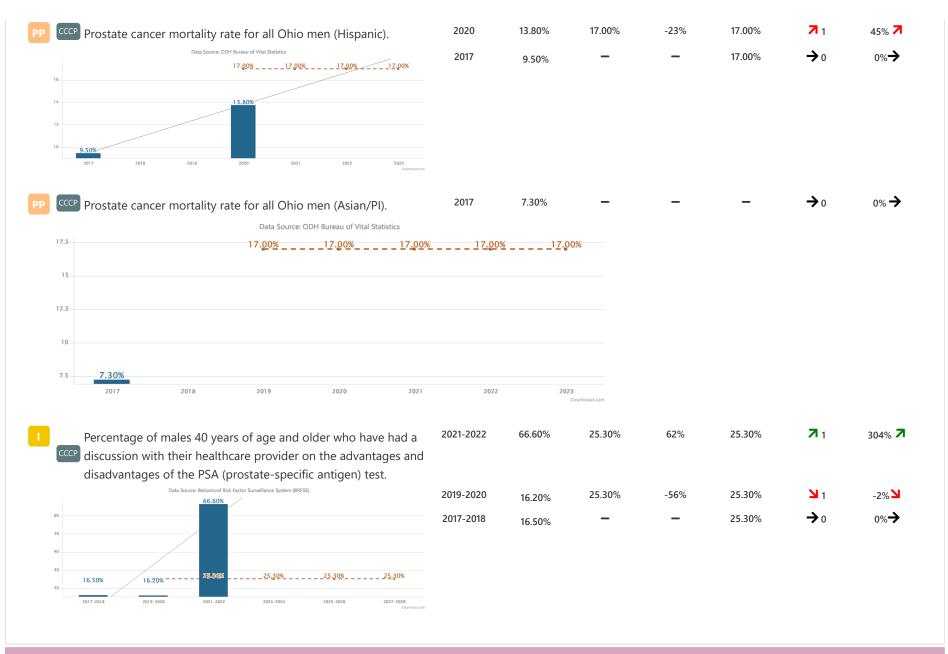
9% 🖊

**N**1

71



ost Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
2021	18.50%	17.00%	8%	17.00%	71	2% 7
2020	17.20%	17.00%	1%	17.00%	<b>N</b> 2	-5% 🎽
2019	17.70%	17.00%	4%	17.00%	<b>N</b> 1	-2% 🎽
2017	18.10%	-	-	17.00%	<b>→</b> 0	0%➔
2021	33.90%	17.00%	50%	17.00%	<b>N</b> 1	-9% 🎽
2020	36.30%	17.00%	53%	17.00%	71	-3% 🎽
2019	32.50%	17.00%	48%	17.00%	<b>N</b> 1	-13% 🎽
2017	37.40%	-	-	17.00%	<b>→</b> 0	0%➔

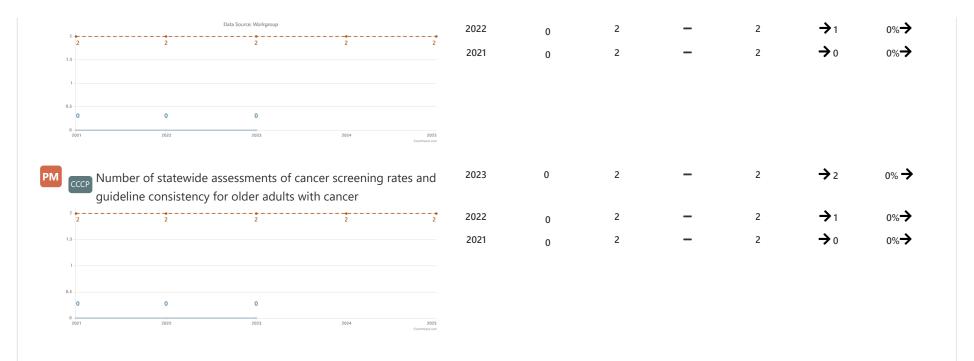


# Quality of Life - Cancer and Aging

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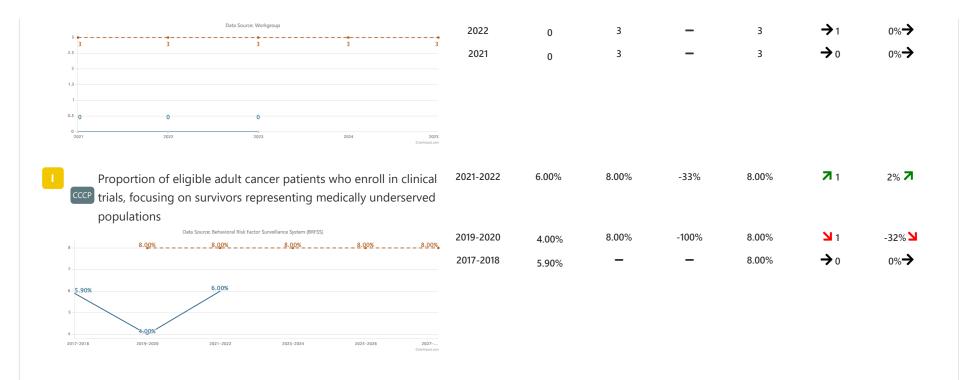
ΡM

Improve quality of life for older Ohioans.\* Most Recent Current Actual Current Target Variance From Next Target **Current Trend** Baseline % Change Period Value Value Value Target →2 0% → 2023 0 2 2 Number of statewide assessments among cancer specialists to cccp determine rates of Geriatric Assessment according to national



# Quality of Life - Delivery of Patient-Centered Services

0	Improve the D Services*	elivery of Patier	nt-Centered	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
PM	and medically unc	lerserved populations	support programs and	2023	0	2	-	2	<b>→</b> 2	0% →
2 -		Data Source: Workgroup		2022	0	2	-	2	<b>→</b> 1	0%➔
1.5	2 2	2	2 2	2021	0	2	-	2	<b>→</b> 0	0%→
0.5 0 0 -0- 202	0 0	0 2023	2024 2025 Coartingua can							
PM	<sup>CCP</sup> adults from medic	•	crease the percentage of Ilations who have access Inity resources.	2023	0	3	-	3	<b>→</b> 2	0% →

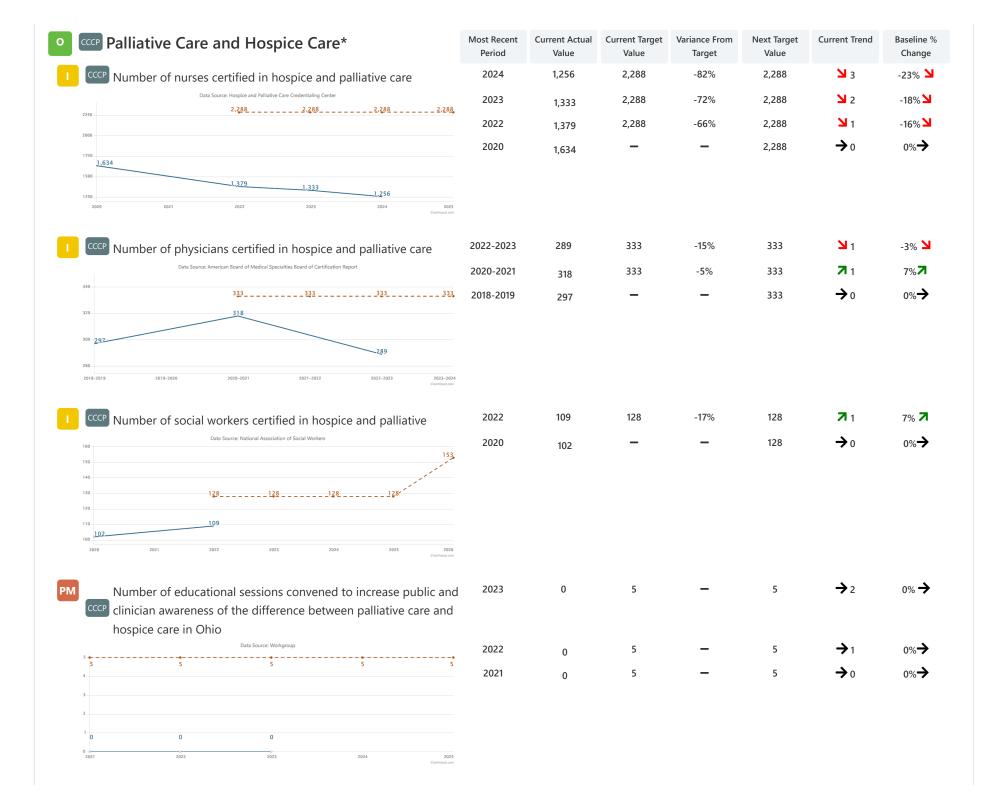


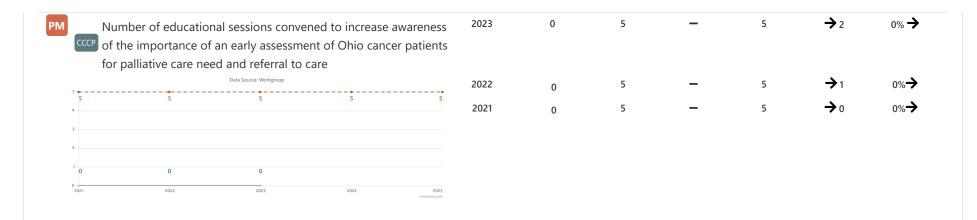
# Quality of Life - Financial Burden and Barriers

СССР	Improve quality of life through reducing financial burdens and barriers*	Most Reco Period	ent Current Actua Value	l Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline % Change
		reatment	37	-	-	-	<b>→</b> 0	0% ➔
50				50				
45								
40								
0	37							
201	17 2018 2019	2020	1	2021 ClearImpact.com				
	P Number of assessed baseline data on Telehealth and telemedicine's role in reducing financial burden for can	2023 cer patients	0	1	-	1	<b>→</b> 2	0%≯



Quality of Life - Palliative Care and Hospice Care





# **Quality of Life - Pediatric Cancel**

Improve the quality of life for pediatric cancer	Most Recent Period	Current Actual Value	Current Target Value	Variance From Target	Next Target Value	Current Trend	Baseline S Change
patients.							
Number of annual events held to increase awareness for pediatric	2023	3	2	33%	4	<b>7</b> 2	200% 7
cep cancer with a greater emphasis on research, clinical trials, and							
effective treatment options							
Atients. Aumber of annual events held to increase awareness for pediatric ancer with a greater emphasis on research, clinical trials, and affective treatment options Data Source: Workgroup 2027 2027 2027 2027 2027 2027 2027 Jumber of new programs and/or processes implemented that wi educe the financial impact on families of children, teens, and	2022	1	2	-100%	2	<b>7</b> 1	0%→
4	2021	0	2	_	2	<b>→</b> 0	0% <b>→</b>
3	LOLI	0	-		-	• 0	0,0 7
2 2 2							
0							
Number of new programs and/or processes implemented that will	2023	1	3	-200%	3	<b>7</b> 1	0% <b>→</b>
reduce the financial impact on families of children, teens, and							
young adults with cancer in Ohio							
Data Source: Workgroup	2022	0	3	-	3	<b>→</b> 1	0%→
3 3 3 3 3	2021	0	3	_	3	<b>→</b> 0	0%→
	2021	0	5		5	- 0	070
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