

AHS Monitoring Measures 2021-22 FY

Monitoring Measures are used internally to help inform some areas of the health system outside the Performance Measures in the AHS Health Plan and Business Plan.

Most of the reported results continue to be impacted by COVID-19.

Please use caution when comparing the results from current quarters during the pandemic with the data from previous years under normal operation.

Prepared by Data & Analytics

The Monitoring Measures report is also available as an interactive dashboard:

[AHS Monitoring Measures: Welcome: Contents - AHS Tableau Server \(albertahealthservices.ca\)](#)

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Provincial

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	82%	81%	81%	80%	78%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	6.5%	6.6%	6.5%	6.5% (Q3YTD)	6.5% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	77.2% (2017)	78.1% (2018)	78.8% (2019)	79.0% (2020)	74.8% (2021)
	Childhood Immunization Rate – MMR	87.8% (2017)	87.6% (2018)	88.0% (2019)	88.0% (2020)	84.7% (2021)
	AHS employee Seasonal Influenza Immunization	66.0%	67.6%	67.2%	64.8%	35.3%
Immunizations	Children Seasonal Influenza Immunization (ages 6 to 23 months)	34.6%	40.7%	43.2%	51.7%	46.9%
	Seniors Seasonal Influenza Immunization (65 years and older)	60.1%	61.2%	61.4%	62.7%	64.5%
	Life Expectancy (All)	81.7 (2017)	81.9 (2018)	82.3 (2019)	81.2 (2020)	80.6 (2021)
Life Expectancy	Life Expectancy (First Nations)	71.0 (2017)	70.9 (2018)	70.3 (2019)	66.7 (2020)	63.2 (2021)
	Life Expectancy (Non-First Nations)	82.1 (2017)	82.3 (2018)	82.8 (2019)	81.9 (2020)	81.4 (2021)
	Life Expectancy (Female)	84.0 (2017)	84.3 (2018)	84.4 (2019)	83.7 (2020)	83.4 (2021)
	Life Expectancy (Male)	79.5 (2017)	79.6 (2018)	80.3 (2019)	78.9 (2020)	77.9 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	51.0 (2017)	50.7 (2018)	47.1 (2019)	56.3 (2020)	62.1 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	38.3 (2017)	37.2 (2018)	35.5 (2019)	41.2 (2020)	44.0 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	63.3 (2017)	63.8 (2018)	58.4 (2019)	70.9 (2020)	79.5 (2021)
Cancer	Breast Cancer Screening Participation Rate	64.4%	65.2%	60.7%	57.8%	NA
	Cervical Cancer Screening Participation Rate	64.3% (2016-18)	63.6% (2017-19)	60.4% (2018-20)	59.8% (2019-21)	NA
	Colorectal Cancer Screening Participation Rate	55.6%	55.7%	50.6%	49.9%	NA
	Early Detection of Cancers	71.2% (2017)	74.5% (2018)	74.6% (2019)	73.9% (2020)	NA
Perinatal Mortality	Perinatal Mortality Rate (All)	5.53 (2017)	5.62 (2018)	5.25 (2019)	5.78 (2020)	5.34 (2021)
	Perinatal Mortality Rate (First Nations)	9.05 (2017)	7.51 (2018)	11.09 (2019)	14.29 (2020)	13.72 (2021)
	Perinatal Mortality Rate (Non-First Nations)	5.37 (2017)	5.49 (2018)	4.90 (2019)	5.24 (2020)	5.01 (2021)

***Measure reporting lagged by one quarter.**

- AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
- As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
- Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); Alberta Health Influenza Immunization Report 2021-22.
- Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
- Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.
- Perinatal Mortality Rate data are only available at a Provincial level

Data as of June 27, 2022

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Zone 1 South

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	85%	85%	85%	83%	81%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	6.3%	6.7%	5.9%	5.8% (Q3YTD)	6.8% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	69.4% (2017)	70.3% (2018)	69.1% (2019)	67.2% (2020)	62.2% (2021)
	Childhood Immunization Rate – MMR	81.5% (2017)	81.8% (2018)	80.0% (2019)	79.8% (2020)	74.3% (2021)
	AHS employee Seasonal Influenza Immunization	69.0%	72.0%	72.9%	65.4%	35.9%
	Children Seasonal Influenza Immunization (ages 6 to 23 months)	41.6%	45.5%	48.6%	46.5%	39.1%
	Seniors Seasonal Influenza Immunization (65 years and older)	60.7%	59.8%	60.7%	62.0%	67.0%
Life Expectancy	Life Expectancy (All)	80.4 (2017)	80.5 (2018)	81.1 (2019)	79.7 (2020)	78.8 (2021)
	Life Expectancy (First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Non-First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Female)	82.5 (2017)	83.2 (2018)	83.0 (2019)	82.1 (2020)	81.6 (2021)
	Life Expectancy (Male)	78.4 (2017)	77.9 (2018)	79.2 (2019)	77.3 (2020)	76.3 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	61.6 (2017)	61.9 (2018)	56.3 (2019)	72.0 (2020)	77.9 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	52.0 (2017)	41.7 (2018)	44.5 (2019)	56.2 (2020)	59.5 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	71.2 (2017)	81.7 (2018)	67.8 (2019)	87.4 (2020)	95.5 (2021)
Cancer	Breast Cancer Screening Participation Rate	67.6%	67.6%	64.2%	61.1%	NA
	Cervical Cancer Screening Participation Rate	61.4% (2016-18)	61.5% (2017-19)	59.0% (2018-20)	58.5% (2019-21)	NA
	Colorectal Cancer Screening Participation Rate	57.5%	59.3%	54.4%	53.5%	NA
	Early Detection of Cancers	70.2% (2017)	70.6% (2018)	70.8% (2019)	71.2% (2020)	NA

***Measure reporting lagged by one quarter.**

1. AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
2. As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
3. Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); *Alberta Health Influenza Immunization Report 2021-22*.
4. Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
5. Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.

Data as of June 27, 2022

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Zone 2 Calgary

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	83%	83%	82%	81%	80%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	6.2%	6.2%	6.1%	6.2% (Q3YTD)	6.2% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	81.8% (2017)	82.6% (2018)	82.5% (2019)	81.8% (2020)	80.3% (2021)
	Childhood Immunization Rate – MMR	89.8% (2017)	90.0% (2018)	90.3% (2019)	90.4% (2020)	88.0% (2021)
	AHS employee Seasonal Influenza Immunization	68.0%	68.0%	68.2%	66.8%	37.8%
	Children Seasonal Influenza Immunization (ages 6 to 23 months)	44.3%	47.9%	48.4%	64.5%	59.2%
	Seniors Seasonal Influenza Immunization (65 years and older)	63.8%	65.6%	66.0%	65.7%	73.7%
Life Expectancy	Life Expectancy (All)	82.9 (2017)	83.0 (2018)	83.8 (2019)	82.6 (2020)	82.5 (2021)
	Life Expectancy (First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Non-First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Female)	84.9 (2017)	85.5 (2018)	85.6 (2019)	85.0 (2020)	85.0 (2021)
	Life Expectancy (Male)	80.9 (2017)	80.6 (2018)	81.9 (2019)	80.3 (2020)	80.1 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	42.6 (2017)	44.7 (2018)	38.0 (2019)	46.2 (2020)	49.1 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	32.4 (2017)	31.4 (2018)	27.9 (2019)	32.8 (2020)	35.1 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	52.7 (2017)	57.5 (2018)	47.9 (2019)	59.5 (2020)	62.8 (2021)
	Cancer	Breast Cancer Screening Participation Rate	66.0%	66.5%	61.9%	60.1%
Cervical Cancer Screening Participation Rate		67.0% (2016-18)	66.0% (2017-19)	62.5% (2018-20)	61.6% (2019-21)	NA
Colorectal Cancer Screening Participation Rate		53.9%	53.6%	48.5%	48.3%	NA
Early Detection of Cancers		72.5% (2017)	74.7% (2018)	76.6% (2019)	76.4% (2020)	NA

***Measure reporting lagged by one quarter.**

1. AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
2. As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
3. Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); *Alberta Health Influenza Immunization Report 2021-22*.
4. Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
5. Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.

Data as of June 27, 2022

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Zone 3 Central

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	84%	83%	82%	81%	81%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	6.9%	6.3%	6.3%	5.8% (Q3YTD)	5.6% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	71.1% (2017)	71.5% (2018)	71.9% (2019)	71.5% (2020)	66.1% (2021)
	Childhood Immunization Rate – MMR	84.4% (2017)	84.1% (2018)	84.7% (2019)	85.2% (2020)	80.5% (2021)
	AHS employee Seasonal Influenza Immunization	63.0%	64.8%	64.6%	62.1%	33.0%
	Children Seasonal Influenza Immunization (ages 6 to 23 months)	32.4%	37.8%	41.1%	36.2%	30.4%
	Seniors Seasonal Influenza Immunization (65 years and older)	55.8%	56.9%	54.5%	56.4%	62.6%
Life Expectancy	Life Expectancy (All)	80.2 (2017)	81.0 (2018)	81.1 (2019)	80.0 (2020)	78.8 (2021)
	Life Expectancy (First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Non-First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Female)	82.8 (2017)	83.2 (2018)	83.4 (2019)	82.2 (2020)	82.1 (2021)
	Life Expectancy (Male)	77.8 (2017)	78.9 (2018)	78.8 (2019)	77.9 (2020)	75.9 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	62.7 (2017)	56.9 (2018)	54.2 (2019)	69.2 (2020)	75.4 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	46.5 (2017)	45.7 (2018)	41.6 (2019)	55.0 (2020)	50.1 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	78.3 (2017)	68.0 (2018)	66.5 (2019)	83.0 (2020)	100.2 (2021)
Cancer	Breast Cancer Screening Participation Rate	62.1%	63.1%	59.7%	55.7%	NA
	Cervical Cancer Screening Participation Rate	57.4% (2016-18)	58.4% (2017-19)	56.9% (2018-20)	57.2% (2019-21)	NA
	Colorectal Cancer Screening Participation Rate	54.2%	54.9%	50.3%	49.3%	NA
	Early Detection of Cancers	66.2% (2017)	75.0% (2018)	70.8% (2019)	71.4% (2020)	NA

***Measure reporting lagged by one quarter.**

1. AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
2. As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
3. Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); *Alberta Health Influenza Immunization Report 2021-22*.
4. Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
5. Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.

Data as of June 27, 2022

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Zone 4 Edmonton

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	80%	80%	79%	78%	77%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	6.8%	7.0%	6.9%	7.0% (Q3YTD)	7.1% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	77.3% (2017)	78.9% (2018)	80.6% (2019)	80.3% (2020)	76.7% (2021)
	Childhood Immunization Rate – MMR	89.9% (2017)	89.2% (2018)	90.0% (2019)	89.7% (2020)	87.0% (2021)
	AHS employee Seasonal Influenza Immunization	66.0%	68.9%	67.4%	66.2%	36.5%
	Children Seasonal Influenza Immunization (ages 6 to 23 months)	28.4%	38.1%	42.0%	51.7%	48.6%
	Seniors Seasonal Influenza Immunization (65 years and older)	60.9%	63.0%	63.1%	65.2%	72.2%
Life Expectancy	Life Expectancy (All)	82.0 (2017)	82.0 (2018)	82.4 (2019)	81.1 (2020)	80.7 (2021)
	Life Expectancy (First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Non-First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Female)	84.5 (2017)	84.2 (2018)	84.6 (2019)	83.6 (2020)	83.7 (2021)
	Life Expectancy (Male)	79.5 (2017)	79.7 (2018)	80.1 (2019)	78.6 (2020)	77.8 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	50.3 (2017)	50.2 (2018)	48.7 (2019)	56.2 (2020)	62.5 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	36.1 (2017)	38.0 (2018)	36.7 (2019)	40.4 (2020)	43.5 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	64.1 (2017)	62.2 (2018)	60.5 (2019)	71.6 (2020)	81.0 (2021)
Cancer	Breast Cancer Screening Participation Rate	64.0%	65.2%	61.1%	58.0%	NA
	Cervical Cancer Screening Participation Rate	65.8% (2016-18)	65.0% (2017-19)	61.6% (2018-20)	61.1% (2019-21)	NA
	Colorectal Cancer Screening Participation Rate	56.8%	56.8%	51.6%	51.0%	NA
	Early Detection of Cancers	72.0% (2017)	75.9% (2018)	76.1% (2019)	74.4% (2020)	NA

***Measure reporting lagged by one quarter.**

1. AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
2. As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
3. Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); *Alberta Health Influenza Immunization Report 2021-22*.
4. Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
5. Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.

Data as of June 27, 2022

Most of the reported case volumes continue to be impacted by COVID-19. Please use caution when comparing results from the quarters during the pandemic with data from the previous years under normal operation.

Zone 5 North

		2017-18 FY	2018-19 FY	2019-20 FY	2020-21 FY	2021-22 FY
PCNs	Albertans Enrolled in a Primary Care Network (%)	75%	75%	76%	74%	72%
Acute Care	Surgical Readmissions within 30 days (risk adjusted)*	7.2%	6.7%	7.4%	6.3% (Q3YTD)	5.7% (Q3YTD)
Immunizations	Childhood Immunization Rate - DTaP-IPV-Hib	72.2% (2017)	72.0% (2018)	73.6% (2019)	69.8% (2020)	65.8% (2021)
	Childhood Immunization Rate – MMR	82.4% (2017)	82.1% (2018)	83.0% (2019)	82.2% (2020)	77.7% (2021)
	AHS employee Seasonal Influenza Immunization	60.0%	62.8%	62.4%	55.3%	24.7%
	Children Seasonal Influenza Immunization (ages 6 to 23 months)	21.0%	27.7%	30.5%	30.6%	24.0%
	Seniors Seasonal Influenza Immunization (65 years and older)	48.6%	47.8%	48.0%	50.9%	58.9%
Life Expectancy	Life Expectancy (All)	79.6 (2017)	79.9 (2018)	79.8 (2019)	79.2 (2020)	76.8 (2021)
	Life Expectancy (First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Non-First Nations)	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level	N/A at Zone level
	Life Expectancy (Female)	82.0 (2017)	82.5 (2018)	82.0 (2019)	81.8 (2020)	79.6 (2021)
	Life Expectancy (Male)	77.6 (2017)	77.7 (2018)	77.8 (2019)	76.8 (2020)	74.5 (2021)
	Potential Years of Life Lost per 1,000 Population (All)	62.9 (2017)	60.3 (2018)	60.0 (2019)	69.3 (2020)	85.1 (2021)
	Potential Years of Life Lost per 1,000 Population (Female)	48.4 (2017)	44.0 (2018)	46.9 (2019)	51.7 (2020)	63.2 (2021)
	Potential Years of Life Lost per 1,000 Population (Male)	75.8 (2017)	75.2 (2018)	71.9 (2019)	85.4 (2020)	104.9 (2021)
Cancer	Breast Cancer Screening Participation Rate	57.2%	57.3%	51.9%	46.5%	NA
	Cervical Cancer Screening Participation Rate	57.5% (2016-18)	56.2% (2017-19)	52.8% (2018-20)	52.1% (2019-21)	NA
	Colorectal Cancer Screening Participation Rate	50.8%	51.3%	46.0%	44.6%	NA
	Early Detection of Cancers	70.1% (2017)	71.1% (2018)	68.3% (2019)	67.5% (2020)	NA

***Measure reporting lagged by one quarter.**

1. AHS Healthcare Workers are a subset of all Healthcare Workers reported in the Alberta Health Influenza Immunization Report.
2. As of 2021-22 FQ4, AHS Employee Seasonal Influenza Immunizations are reported from the annual influenza immunization campaign, "Got My Flu Shot" via WHS or Site Champions. AHS no longer has access to unreported immunizations as was available in previous years through the Alberta Health overlay data.
3. Children Seasonal Influenza Immunization (ages 6 to 23 months) and Seniors Seasonal Influenza Immunization (65 years and older) data source (2021-22); *Alberta Health Influenza Immunization Report 2021-22*.
4. Cancer Screening Rate totals from the 5 Zones do not add up to the total numbers for Alberta due to missing values in the data for defining individual zones.
5. Cancer Screening Participation Rate and Early Detection of Cancer data are 1 year delayed.

Data as of June 27, 2022