

VERSION 1 | JUNE 26, 2023

**Hutchinson Institute for  
Cancer Outcomes Research**

# Community Cancer Care in Washington State

Clinic Trends 2014–2019



**Fred Hutch  
Cancer Center**

The Hutchinson Institute for Cancer Outcomes Research (HICOR) is a scientific research institute based at Fred Hutchinson Cancer Center. HICOR's mission is to improve cancer prevention, detection and treatment in ways that will reduce the economic and human burden of cancer.

HICOR developed and released the Community Cancer Care in Washington State: Quality and Cost Report 2023 to improve quality and lower costs in cancer care. This supplement, Community Cancer Care in Washington State: Clinic Trends 2014-2019 is a companion document to that report.

These results have been reported in the Community Cancer Care Report and are designed to provide clinics with a comparable set of results to see year-over-year changes in cost and quality. Some individual clinic results are not available for every period due to variability in size of the clinic population or changes in clinic names or affiliations.

Due to universally high adherence some metrics have been retired and are not included in this report:

Measures 3A.1 and 3B.1, Follow-up Imaging after Breast, Colon and Lung treatment and Advanced Imaging Following Breast Cancer Treatment can be found in the [2018 report](#).

Measure 1.A.2 Anti-Nausea Medication During Chemotherapy can be found in the 2018, 2019 and 2021 reports. Appendix G in the [2021 report](#) contains clinic results for all available years.

All reports are available at [FredHutch.org/cancer-care-report](https://FredHutch.org/cancer-care-report)

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### **How to cite this report**

Hutchinson Institute for Cancer Outcomes Research. Community Cancer Care in Washington State: Clinic Trends 2014 - 2019. © 2023 Fred Hutchinson Cancer Center, Seattle, WA.

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# Trends in Clinic Rates

## Measure 1A: Recommended Treatment for Breast, Colorectal and Lung Cancer

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	85.1%	85.1%	—	—
CHI Franciscan Health	80.2%	82.4%	77.8%	78.4%
Compass Oncology	85.9%	85.5%	—	—
Confluence Health	84.9%	85.8%	85.8%	—
Kadlec	86.8%	85.5%	—	—
MultiCare Health System	82.0%	83.6%	84.6%	84.1%
Northwest Medical Specialties	86.1%	86.5%	87.1%	89.1%
Olympic Medical Center	84.4%	84.5%	82.7%	78.6%
Overlake Medical Center	84.6%	84.6%	83.1%	82.0%
PeaceHealth	84.1%	83.8%	83.9%	84.3%
Providence Health & Services	86.4%	85.5%	86.7%	86.6%
Providence Regional Cancer Partnership	85.0%	85.2%	86.8%	86.6%
Rockwood Clinic	84.7%	—	—	—
Skagit Regional Health	84.9%	84.2%	80.1%	81.5%
Summit Cancer Centers	85.8%	—	—	—
Swedish	83.9%	84.2%	83.8%	83.3%
The Polyclinic	85.6%	85.3%	84.8%	84.3%
Trios Health	—	—	—	—
UW SCCA & Northwest*	86.6%	85.3%	83.0%	81.0%
UW Valley Medical*	—	—	—	81.3%
Vancouver Clinic	85.7%	—	—	—
Virginia Mason	83.8%	83.9%	82.5%	81.4%
Vista Oncology	85.1%	84.4%	84.7%	83.8%
Yakima Valley Memorial	86.6%	85.9%	86.6%	—

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic. Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 2.1: Emergency department (ED) visits during chemotherapy

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	27.5%	29.7%	29.6%	28.9%
CHI Franciscan Health	29.7%	31.1%	32.6%	32.4%
Compass Oncology	30.4%	31.1%	32.6%	—
Confluence Health	27.2%	28.8%	31.4%	30.7%
Island Hospital	28.8%	30.3%	31.6%	—
Jefferson County	30.2%	32.9%	34.1%	35.2%
Kadlec	35.1%	36.5%	35.5%	34.1%
Legacy Cancer Institute	—	—	—	30.1%
MultiCare Health System	29.6%	32.0%	32.2%	31.0%
Northwest Medical Specialties	27.3%	28.3%	28.0%	26.1%
Olympic Medical Center	29.7%	31.6%	33.1%	34.1%
Osborn Cancer Care	28.3%	29.1%	30.3%	30.4%
Overlake Medical Center	28.4%	28.7%	32.2%	29.8%
Pacific Gynecology	29.7%	—	—	—
Pacific Medical Centers	28.5%	29.0%	—	—
Partner Oncology	30.1%	30.8%	—	—
PeaceHealth	30.7%	33.2%	33.6%	32.4%
Providence Health & Services	33.7%	33.6%	35.2%	33.2%
Providence Regional Cancer Partnership	30.9%	32.4%	33.0%	31.2%
Rockwood Clinic	29.7%	30.5%	29.9%	—
Skagit Regional Health	29.2%	29.8%	30.3%	29.2%
Summit Cancer Centers	28.9%	—	29.7%	28.9%
Swedish	31.6%	33.3%	33.8%	29.2%
The Polyclinic	25.1%	27.2%	28.2%	27.6%
Trios Health	33.5%	33.0%	31.7%	—
UW SCCA & Northwest*	30.6%	32.5%	33.4%	33.2%
UW Valley Medical*	—	—	—	29.1%
Vancouver Clinic	27.6%	28.3%	29.8%	—
Virginia Mason	30.6%	32.5%	32.7%	32.9%
Vista Oncology	28.9%	29.9%	31.4%	31.9%
Yakima Valley Memorial	32.0%	31.4%	33.1%	31.8%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic. Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 2.2: Inpatient (IP) stays during chemotherapy

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	37.2%	35.9%	33.6%	34.5%
CHI Franciscan Health	40.1%	44.3%	41.5%	37.3%
Compass Oncology	36.7%	38.0%	34.1%	—
Confluence Health	33.2%	32.8%	33.4%	35.0%
Island Hospital	37.8%	42.9%	42.0%	—
Jefferson County	35.4%	31.4%	32.3%	35.4%
Kadlec	40.0%	40.9%	38.2%	36.9%
Legacy Cancer Institute	—	—	—	35.7%
MultiCare Health System	36.2%	34.8%	34.3%	35.6%
Northwest Medical Specialties	38.5%	36.1%	34.3%	33.6%
Olympic Medical Center	34.3%	30.4%	30.5%	34.4%
Osborn Cancer Care	36.9%	37.0%	33.2%	35.0%
Overlake Medical Center	37.7%	39.1%	35.8%	34.6%
Pacific Gynecology	36.3%	—	—	—
Pacific Medical Centers	34.9%	31.0%	—	—
Partner Oncology	37.5%	39.1%	—	—
PeaceHealth	36.8%	34.7%	32.5%	34.8%
Providence Health & Services	38.7%	39.7%	37.4%	36.3%
Providence Regional Cancer Partnership	33.8%	30.6%	31.4%	33.5%
Rockwood Clinic	38.7%	42.5%	39.9%	—
Skagit Regional Health	37.5%	40.2%	38.6%	35.8%
Summit Cancer Centers	37.2%	—	35.1%	35.3%
Swedish	39.2%	39.6%	38.4%	36.1%
The Polyclinic	35.6%	34.1%	35.2%	34.6%
Trios Health	38.8%	41.3%	39.1%	—
UW SCCA & Northwest*	35.7%	37.5%	37.2%	36.1%
UW Valley Medical*	—	—	—	36.1%
Vancouver Clinic	33.8%	31.8%	33.5%	—
Virginia Mason	36.6%	35.6%	34.7%	36.6%
Vista Oncology	39.0%	43.0%	40.0%	37.0%
Yakima Valley Memorial	35.5%	32.9%	29.9%	34.0%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic.

Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 3.1: Breast cancer tumor marker testing following treatment

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	13.1%	16.1%	—	—
CHI Franciscan Health	30.6%	25.0%	13.6%	11.4%
Confluence Health	2.7%	—	—	—
Kadlec	14.8%	—	—	—
MultiCare Health System	12.7%	7.2%	6.7%	6.2%
Northwest Medical Specialties	10.0%	5.6%	3.1%	3.1%
Overlake Medical Center	5.8%	5.6%	9.4%	16.4%
PeaceHealth	20.6%	11.8%	9.9%	—
Providence Health & Services	30.5%	24.7%	21.1%	27.6%
Providence Regional Cancer Partnership	10.0%	5.4%	6.1%	12.2%
Swedish	49.0%	46.2%	46.8%	46.7%
UW SCCA & Northwest*	36.0%	30.0%	27.6%	28.5%
UW Valley Medical*	—	—	—	29.3%
Virginia Mason	4.7%	3.7%	2.2%	2.8%
Yakima Valley Hospital	14.9%	—	—	—

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic. Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 4.1: Chemotherapy in last 14 days of life

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	7.7%	7.7%	6.0%	4.9%
CHI Franciscan Health	6.6%	6.5%	6.0%	5.2%
Compass Oncology	6.3%	5.1%	4.7%	—
Confluence Health	4.3%	3.9%	3.6%	4.4%
Grays Harbor	5.5%	5.7%	6.4%	—
Island Hospital	6.3%	4.9%	5.5%	5.9%
Jefferson County	4.2%	4.3%	4.5%	4.6%
Kadlec	5.8%	6.1%	6.4%	6.1%
MultiCare Health System	4.3%	4.9%	5.9%	5.3%
Northwest Medical Specialties	6.6%	6.9%	5.3%	5.2%
Olympic Medical Center	3.9%	4.4%	6.0%	6.3%
Osborn Cancer Care	7.6%	9.1%	7.3%	—
Overlake Medical Center	3.6%	3.3%	4.0%	3.8%
Partner Oncology	7.4%	7.6%	6.4%	5.9%
PeaceHealth	4.7%	4.8%	4.6%	4.6%
Providence Health & Services	4.1%	4.1%	4.9%	4.8%
Providence Regional Cancer Partnership	5.2%	5.1%	6.1%	6.4%
Rockwood Clinic	5.3%	5.7%	6.0%	5.7%
Skagit Regional Health	5.0%	5.1%	6.5%	6.6%
Southlake	5.4%	—	—	—
Summit Cancer Centers	4.7%	4.5%	4.9%	4.7%
Swedish	4.7%	4.5%	4.5%	4.3%
The Polyclinic	7.8%	6.5%	5.1%	5.7%
Trios Health	4.8%	5.4%	5.0%	—
UW SCCA & Northwest*	4.3%	4.3%	5.0%	5.4%
UW Valley Medical*	—	—	—	5.1%
Vancouver Clinic	4.8%	4.6%	4.6%	—
Virginia Mason	5.1%	5.5%	5.7%	5.4%
Vista Oncology	9.9%	11.1%	9.0%	10.9%
WhidbeyHealth	5.8%	6.0%	6.3%	6.2%
Yakima Valley Memorial	7.8%	8.2%	7.8%	7.6%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic.

Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 4.2: Multiple emergency department (ED) visits in the last 30 days of life

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	12.9%	15.1%	14.9%	17.2%
CHI Franciscan Health	17.9%	18.7%	18.9%	19.6%
Compass Oncology	15.3%	15.0%	16.3%	—
Confluence Health	11.7%	13.6%	14.6%	17.0%
Grays Harbor	17.0%	18.4%	19.0%	—
Island Hospital	15.1%	16.4%	16.3%	17.8%
Jefferson County	14.9%	15.1%	16.3%	17.2%
Kadlec	19.0%	18.2%	18.1%	19.2%
MultiCare Health System	16.1%	16.8%	16.5%	17.8%
Northwest Medical Specialties	14.5%	14.2%	15.7%	17.3%
Olympic Medical Center	15.8%	16.9%	18.2%	19.2%
Osborn Cancer Care	16.0%	17.7%	18.5%	—
Overlake Medical Center	12.6%	14.5%	16.6%	17.6%
Partner Oncology	14.2%	14.4%	16.3%	18.0%
PeaceHealth	12.9%	13.6%	14.8%	16.1%
Providence Health & Services	15.7%	16.2%	17.2%	18.7%
Providence Regional Cancer Partnership	14.3%	16.6%	15.6%	17.1%
Rockwood Clinic	13.4%	17.2%	16.5%	18.3%
Skagit Regional Health	16.5%	19.1%	19.1%	18.9%
Southlake	19.2%	—	—	—
Summit Cancer Centers	14.1%	15.5%	16.3%	17.9%
Swedish	17.3%	18.0%	17.8%	18.9%
The Polyclinic	14.5%	15.1%	16.9%	18.3%
Trios Health	18.9%	18.8%	20.0%	—
UW SCCA & Northwest*	12.8%	14.2%	15.5%	16.5%
UW Valley Medical*	—	—	—	19.0%
Vancouver Clinic	13.7%	15.2%	16.7%	—
Virginia Mason	15.0%	15.7%	17.0%	18.7%
Vista Oncology	15.0%	15.0%	16.1%	17.8%
WhidbeyHealth	14.4%	15.0%	16.3%	17.7%
Yakima Valley Memorial	19.1%	18.5%	17.9%	18.4%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic.

Due to variability in size of the clinic population results are not available for every reporting period.



# Trends in Clinic Rates

## Measure 4.3: Intensive Care Unit (ICU) stay in the last 30 days of life

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	12.2%	15.8%	16.4%	16.1%
CHI Franciscan Health	38.3%	40.4%	38.7%	40.9%
Compass Oncology	16.4%	17.1%	21.2%	—
Confluence Health	17.9%	19.5%	18.7%	17.8%
Grays Harbor	22.6%	19.2%	25.1%	—
Island Hospital	15.5%	20.3%	20.0%	21.8%
Jefferson County	15.0%	17.7%	18.8%	16.6%
Kadlec	21.1%	16.9%	20.5%	21.0%
MultiCare Health System	33.9%	33.4%	33.0%	31.4%
Northwest Medical Specialties	38.2%	38.3%	36.5%	37.9%
Olympic Medical Center	19.8%	20.9%	20.1%	23.6%
Osborn Cancer Care	30.8%	33.6%	28.2%	—
Overlake Medical Center	27.8%	29.6%	31.1%	33.1%
Partner Oncology	39.2%	35.8%	34.4%	37.6%
PeaceHealth	13.4%	12.8%	12.2%	13.5%
Providence Health & Services	20.3%	22.4%	21.6%	19.6%
Providence Regional Cancer Partnership	23.8%	22.6%	19.9%	18.0%
Rockwood Clinic	24.3%	29.8%	29.3%	30.3%
Skagit Regional Health	18.2%	19.6%	18.0%	18.8%
Southlake	35.7%	—	—	—
Summit Cancer Centers	15.8%	15.4%	12.9%	14.1%
Swedish	32.2%	30.2%	27.9%	29.3%
The Polyclinic	36.8%	38.4%	34.2%	34.2%
Trios Health	26.0%	20.6%	22.4%	—
UW SCCA & Northwest*	22.3%	23.6%	24.2%	22.6%
UW Valley Medical*	—	—	—	35.8%
Vancouver Clinic	17.5%	19.8%	22.6%	—
Virginia Mason	28.8%	30.8%	31.7%	35.5%
Vista Oncology	19.9%	22.4%	25.1%	29.1%
WhidbeyHealth	13.7%	13.9%	18.9%	18.6%
Yakima Valley Memorial	30.0%	29.7%	26.0%	28.4%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic.

Due to variability in size of the clinic population results are not available for every reporting period.

# Trends in Clinic Rates

## Measure 4.4: Hospice care 3 or more days prior to death

CLINIC	2014–2016	2015–2017	2016–2018	2017–2019
Cancer Care Northwest	64.5%	64.4%	66.3%	65.2%
CHI Franciscan Health	59.6%	60.2%	62.0%	62.1%
Compass Oncology	64.0%	62.7%	61.0%	—
Confluence Health	62.9%	65.8%	66.3%	65.4%
Grays Harbor	59.5%	58.1%	60.0%	—
Island Hospital	60.5%	63.7%	65.0%	63.7%
Jefferson County	64.3%	62.7%	61.8%	63.9%
Kadlec	59.2%	58.3%	59.1%	59.5%
MultiCare Health System	62.7%	60.6%	60.0%	62.1%
Northwest Medical Specialties	59.6%	58.8%	65.6%	63.8%
Olympic Medical Center	46.7%	50.4%	55.7%	57.7%
Osborn Cancer Care	57.8%	57.9%	59.9%	—
Overlake Medical Center	70.9%	72.1%	67.3%	66.3%
Partner Oncology	58.4%	56.0%	59.5%	—
PeaceHealth	68.3%	67.2%	66.9%	66.8%
Providence Health & Services	65.8%	63.9%	64.0%	63.3%
Providende Regional Cancer Partnership	62.6%	62.3%	61.0%	61.2%
Rockwood Clinic	63.2%	60.8%	61.6%	62.5%
Skagit Regional Health	61.2%	63.6%	62.6%	61.3%
Southlake	56.8%	—	—	—
Summit Cancer Centers	66.2%	67.6%	63.9%	63.6%
Swedish	60.3%	61.1%	64.1%	64.2%
The Polyclinic	58.9%	62.0%	65.4%	63.2%
Trios Health	53.0%	55.5%	57.7%	—
UW SCCA & Northwest*	61.4%	60.4%	61.7%	63.0%
UW Valley Medical*	—	—	—	61.1%
Vancouver Clinic	64.0%	62.6%	64.3%	—
Virginia Mason	67.5%	66.8%	64.5%	60.8%
Vista Oncology	57.6%	57.8%	59.7%	57.3%
WhidbeyHealth	62.4%	64.7%	64.2%	63.1%
Yakima Valley Memorial	60.3%	60.6%	61.0%	60.9%

\* Prior to the 2017-2019 reporting years UW SCCA & Northwest included UW Valley Medical clinic.

Due to variability in size of the clinic population results are not available for every reporting period.

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