

Hospital Outpatient Quality Reporting (OQR) Program

Hospital OQR Measures Submitted Via a Web-Based Tool: Sampling Guidelines

**Table 1: Sample Size Requirements per Year per Hospital for
OP-29, OP-30, and OP-31 Measures***

Population per Year	0-900
Yearly Sample Size	63
Quarterly Sample Size	16
Monthly Sample Size	6
Population per Year	≥ 901
Yearly Sample Size	96
Quarterly Sample Size	24
Monthly Sample Size	8

*If a hospital has 20 or fewer cases, it is not required to submit any data, but it may voluntarily submit these data.

OP-29: Appropriate Follow-up Interval for Normal Colonoscopy in Average Risk Patients

Description: Percentage of patients aged 50 to 75 years of age receiving a screening colonoscopy without biopsy or polypectomy who had a recommended follow-up interval of at least 10 years for repeat colonoscopy documented in their colonoscopy report

Denominator: All patients aged 50 to 75 years of age receiving screening colonoscopy without biopsy or polypectomy

Numerator: Patients who had a recommended follow-up interval of at least 10 years for repeat colonoscopy documented in their colonoscopy report

OP-30: Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use

Description: Percentage of patients aged 18 years and older receiving a surveillance colonoscopy, with a history of a prior colonic polyp(s) in previous colonoscopy findings, who had a follow-up interval of three or more years since their last colonoscopy

Denominator: All patients aged 18 years and older receiving a surveillance colonoscopy, with a history of a prior colonic polyp(s) in a previous colonoscopy

Numerator: Patients who had an interval of three or more years since their last colonoscopy

OP-31: Cataracts: Improvement in Patient’s Visual Function within 90 Days Following Cataract Surgery *Hospitals may voluntarily submit. All data submitted for OP-31 will be publicly reported.*

Description: Percentage of patients aged 18 years and older who had cataract surgery and had improvement in visual function achieved within 90 days following the cataract surgery, based on completing a pre-operative and post-operative visual function survey.



Denominator: All patients aged 18 years and older who had cataract surgery and completed **both** a pre-operative and post-operative visual function survey

Numerator: Patients 18 years and older who had improvement in visual function achieved within 90 days following cataract surgery, based on completing **both** a pre-operative and post-operative visual function survey

Sampling Approaches (OP-29, OP-30, and OP-31)

Hospitals have the option to sample from their population or submit their entire population.

Hospitals that choose to sample for these measures should use this simple approach:

1. Select the population from cases that meet the requirements to be included in the denominator.
2. Exclude cases according to the Measure Information Form for each measure.
3. Once the population has been determined, determine the sample size using Table 1, provided on the previous page. The sample size will be 63 or 96 for the year. (0-900 cases = Sample size of 63) (901 or greater cases = Sample size of 96)
 - Hospitals with greater than 20 cases but fewer than 63 should submit their entire population.
 - Hospitals with fewer than 20 cases are not required to submit data but may voluntarily submit data.
4. From the sample, determine how many of the included cases also meet the numerator statement.

CMS does not specify how a sample must be obtained. A sample may be collected monthly, quarterly, or annually. The cases sampled, however, must be within the specific sampling period and must meet the minimum sample size requirement for the year.

Sample Size Examples

- A hospital's outpatient population size for OP-29 is 430 during the year. The hospital elects to sample monthly. Based on Table 1, the hospital would need to sample a minimum of six patients per month in order to meet the yearly sample size requirement for OP-29, which is a minimum of 63 patients per year.
- A hospital's outpatient population size for OP-30 is 950 during the year. According to the table, the required yearly sample size would be 96 cases for the measure.
- A hospital's outpatient center performs 950 cataract surgeries during the year. 800 patients complete a pre- and post-operative visual function survey. The hospital would select 96 patients out of the 800 patients that have completed both surveys to determine and meet the required annual sample size.

Table 2: Sampling Size Requirements per Year per Hospital for OP-33

Population per Year	Sampling Requirements
≤ 39	Include all cases
40–200	40
201–500	20% of cases
≥ 501	100
Population per Quarter	Sampling Requirements
< 10	Include all cases
10–50	10
51–125	20% of cases
≥ 126	25
Population per Month	Sampling Requirements
< 4	Include all cases
4–16	4
17–41	20% of cases
≥ 42	9

OP-33: External Beam Radiotherapy for Bone Metastases

Description: Percentage of patients, regardless of age, with a diagnosis of bone metastases and no history of previous radiation to the same anatomic site who receive external beam radiation therapy (EBRT) with an acceptable fractionation scheme

Numerator Statement: All patients, regardless of age, with bone metastases and no previous radiation to the same anatomic site who receive EBRT for the treatment of bone metastases with any of the following recommended fractionation schemes: 30Gy/10fxns, 24Gy/6fxns, 20Gy/5fxns, and 8Gy/1fxn. The data for the numerator may be found in the consultation and office visit notes, outpatient treatment center record, and problem/diagnosis list.

Denominator Statement: All patients with bone metastases and no previous radiation to the same anatomic site who receive EBRT for the treatment of bone metastases. The data for the denominator may be found in the consultation and office visit notes, outpatient treatment center record, and other-treatment summaries. See the most current specifications manual for denominator criteria.

Sampling Approaches (OP-33)

Hospitals have the option to sample from their population or submit their entire population.

Hospitals that choose to sample for these measures should use a simple sample approach, selecting the population from cases that meet requirements to be included in the denominator.

Once the population has been determined, the sample size will be determined based on Table 2 and will be between zero and a maximum of 100 cases for the year.

Hospitals can choose to sample monthly, quarterly, or yearly.

Sample Size Examples

- A hospital's outpatient population size for OP-33 is 300 during the year. The hospital elects to sample monthly. Based on Table 2 on the previous page, the hospital would need to sample a minimum of five patients per month to meet the yearly sample size requirement for OP-33, which is a minimum of 60 patients for the year. (20% of 300 cases is 60. 60 divided by 12 equals 5.)
- A hospital's outpatient population size for OP-33 is 750 during the year. According to Table 2, the required yearly sample size would be 100 cases.
- A hospital's outpatient center performs 35 External Beam Radiotherapy for Bone Metastases during the year. The hospital is responsible for data submission on all 35 cases.