



Tools for Cancer Liaison Physicians

Stage at Diagnosis

The Hospital Comparison Benchmark Reports contain about 11 million cases diagnosed between 2000 and 2010. This reporting tool includes data for all types of cancer (categorized into 73 different analytic types). Three different types of reports can be created:

- Data reported from your own cancer registry;
- Aggregated data by hospital system, state, or region or at the national level; or
- Comparisons between your cancer program and other programs select to include in a comparison group.

You can filter your case selection by diagnosis year, and by whether or not patients were diagnosed only, diagnosed and treated, or only treated at the centers included in your report.

Data elements included in this reporting tool include:

- Patient demographics
- Socioeconomic characteristics
- Comorbid disease burden
- Patient travel distance
- Histo-pathologic characteristics
- AJCC Stage

- Treatment: Surgery, Radiation, Med. Onc.
- Timeliness of treatment

Stage

A combined AJCC Stage Group is used in the NCDB Benchmark Reports, this includes the pathological (pAJCC) stage group where documented, augmented by the clinical (cAJCC) stage group where pathological stage is not recorded. This combination of clinical and pathological stage groupings minimizes the number of cases under analysis without AJCC stage and also avoids the exclusion of non-surgical cases from review. The stage groupings displayed are sensitive to the disease site selected by the user (eg. Stage 0-IV are reported for bladder cancers, but only Stage I-IV are reported for kidney cancers).

AJCC Stage Group assignments have been made according to the site specific Stage Groups described in the AJCC Cancer Staging Manual, 5th edition, American Joint Committee on Cancer for cases diagnosed between 2000 and 2002, and the AJCC Cancer Staging Manual, 6th edition, American Joint Committee on Cancer for cases diagnosed between 2003 and 2010.

How to interpret this item:

The stage distribution in this item refers to the reported AJCC staging information submitted through the NCDB data submission. Cases with unknown stage are those in which complete AJCC stage information was not provided.

This item can be used to determine if patients treated at your facility are diagnosed at different stages compared to other facilities.

Once you click the 'Submit' button, click the % radio dial in the green bar above the generated graph. This allows the columns in the figures to display the proportion of cases in each category along the x-axis.

Running the Report:

The stage distribution of cases at your cancer program can be reviewed by making the following selections:

- Report Type: Comparison
- Case Selection: Select a diagnosis year and a cancer site.
- Analysis Variables: Select "Stage".
- Note: You may Select Case Type: All diagnosed cases to see the stage distribution of all cases diagnosed and/or treated in your facility or only those diagnosed in your facility depending on the goals of your analysis.

Hospital Comparison Benchmark Reports. Cases Diagnosed 2000 - 2010.

Report Type

My Hospital Only
 Aggregate Report
 Comparison Report

Hospital Comparison Selection

NCDB Demo Facility, Townsville IL - 20000000

Hosp. Type: All Types Geo: All States

Case Selection

Dx Year: 2010 Site: Breast

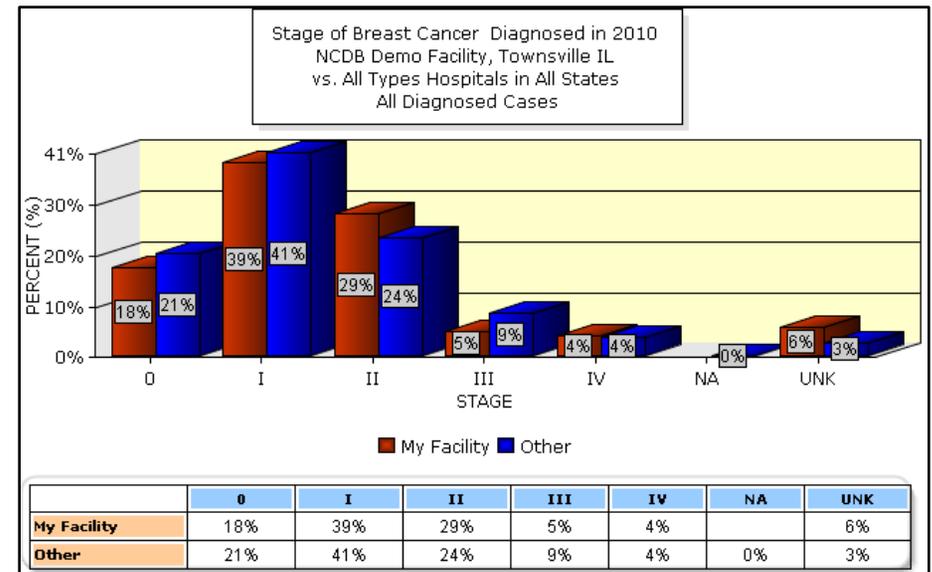
Case Type: All Diagnosed Cases

Analysis Variables

Var. 1: Stage

Intepreting the Report

In this example, 57 percent of breast cancer patients were diagnosed at Stage 0 or I compared to 62 percent at all other CoC accredited institutions in 2010. The same proportion of cases are diagnosed at Stage IV in both the facility and all CoC accredited institutions.



Next Steps:

Additional review of hospital case mix is recommended of clinically significant differences between early or late stage diagnoses in your facility compared to other CoC accredited institutions.

Additional reports may be run substituting age, insurance status, race, zip code level educational attainment or zip code level median household income for stage to compare the case mix in your cancer program to other CoC accredited institutions.