

# Data Dictionary

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**Acute Bed** is the bed type designated to service inpatients whose average length of stay is usually less than thirty days and require access to the full range of services provided by an acute care inpatient facility.

**Acute Psychiatric Bed** is the bed type designated to provide 24 hour inpatient acute care services for mentally disordered patients whose length of stay is usually less than thirty days.

**Acute / SNF Swing Bed** is the bed type designated to service either acute level or skilled nursing level patients.

**Admissions** refer to the number of inpatients admitted by that respective facility, bed type or within that particular geographic area. It includes multiple admissions by an individual admitted more than once during the period.

The number of admissions multiplied by the average length of stay produces the total number of patient days.

**Average Daily Census (ADC)** is the average number of inpatients during the year. The ADC multiplied by 365 gives the total number of patient days per year. The ADC divided by the bed capacity and multiplied by 100 gives the occupancy rate.

**Average Length of Stay (ALOS)** is the average number of days a inpatient stays in the facility. ALOS is computed by dividing the total patient days by the number of admissions. The ALOS may indicate whether a facility is able to appropriately discharge patients from the facility or to another type of bed based on the patient's condition. It may also indicate the proportion of very seriously ill patients the facility cares for. Usually, the larger the number of very sick patients, the longer the ALOS.

The data includes patient days that result from being unable to discharge patients due to a lack of available services in the community or beds needed at other facilities. If these "waitlisted days" were excluded from the ALOS data, it would provide better accurate data on how many days are needed to care for patients and result in a lower ALOS.

**Computerized Axial Tomography (CT)** includes diagnostic procedures involving computer analysis and display of a series of x-ray scans of the head, body or internal organs resulting in an image.

**Critical Care Unit (CCU)** is a specialized care bed designed to provide intensive, focused care for patients who are seriously or critically ill within an acute bed facility setting.

**County** means one of four major counties: (1) Hawaii, composed of the Big Island of Hawaii; (2) The City and County of Honolulu, comprised of the island of Oahu and comprised of Metropolitan Honolulu and Other Honolulu; (3) Kauai, composed of the island of Kauai and; (4) Maui, comprised of the islands of Maui, Molokai and Lanai.

**Inpatient Days (I/P Days)** is the total number of days an inpatient stays in a facility. The totals currently include "waitlisted days", i.e. patient days as a result of not being able to discharge a patient due to lack of community services or other types of beds appropriate for the care of the patient.

**Intermediate Care Facility (ICF)** is a facility which provides appropriate care to persons referred by a physician needing: (1) 24-hour a day assistance with the normal activities of daily living; (2) need care provided by licensed nursing personnel and paramedical personnel on a regular, long term basis, and; (3) don't need skilled nursing or paramedical care 24-hours a day.

**Intermediate Care Facility / Mental Retardation (ICF/MR)** is a facility providing intermediate care services for persons who are mentally retarded.

**Licensed Beds** means the approved bed capacity as determined by the Office of Health Care Assurance (OHCA) for the State of Hawaii.

**Nursing Home without Walls (NHWW)** is state program that provides support services for eligible individuals of all ages with serious or chronic illnesses or disabilities who want to remain in their own homes. Program services are not provided 24 hours a day, except during times of respite when needed and as part of the service plan.

**Metropolitan Honolulu** – includes all areas bounded by Kalihi Valley, Koolau Mountains, Hawaii Kai, and the Pacific Ocean. **Other Honolulu** – includes the rest of the island of Oahu

**Occupancy Rates (Occup %)** is the proportion of licensed bed capacity occupied on average. Occupancy rates are computed by dividing the ADC by the number of licensed beds and multiplying by 100.

Health care facilities require some excess capacity to efficiently manage admissions, discharges and transfers of patients. If, however, the occupancy rate is low for long periods of time, the facility may not be able to generate sufficient revenue to justify staffing and other expenses for this additional capacity.

In acute care, particularly where patients are admitted on a non-scheduled basis, e.g. OB, CCU, etc., optimal occupancy must accommodate unforeseen increases in admissions. Consequently, occupancy rates may occasionally exceed 100% because of an unexpected surge in number of admissions. This might also occur if there is a decrease in routine patient discharges. Chronic high occupancy rates will decrease the number of beds available to the community.

Lack of qualified staffing may also prevent making more beds available. Differences in the licensed and staffed beds occupancy rates may also be due to temporary closure of patient areas because of facility renovations, labor shortages and strikes.

**Psychiatric Beds** are inpatient beds designated for the diagnosis and long term treatment of chronic mental illness or mental disorder.

**Rehabilitation Beds** are inpatient beds designated to restore the ill or disabled person to achieve the fullest physical, mental, social, vocational, and economic usefulness possible.

**Skilled Nursing Facility (SNF)** is a facility that accepts patients for rehabilitative services or medical care that is less intense than that received in a hospital. The cost per bed day in a SNF is typically less than a like cost in an acute care hospital.

**SHPDA Approved Bed Capacity** means the SHPDA approved bed capacity is the Certificate of Need (CERT) approved and authorized bed capacity.

**Specialty Care Beds** means a facility which provides a therapeutic residential program for care, diagnoses, treatment or rehabilitation services for socially or emotionally distressed persons, mentally ill persons, persons suffering from substance abuse, and developmentally disabled persons.

# Acronyms

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<b>Acute Psych</b>	Acute Psychiatric
<b>Acute/SNF Swing</b>	Acute / Skilled Nursing Facility Swing Bed
<b>ADC</b>	Average Daily Census
<b>ALOS</b>	Average Length of Stay
<b>CCU</b>	Critical Care Unit
<b>CERT</b>	Certificate of Need Program
<b>Child Ortho</b>	Children's Orthopedic
<b>CT Scan</b>	Computed Tomography Scanner
<b>GIS</b>	Geographic Information System
<b>H2P2</b>	Hawaii Health Performance Plan
<b>HSFP</b>	Health Services and Facilities Plan
<b>ICF</b>	Intermediate Care Facility
<b>ICF/MR</b>	Intermediate Care / Mental Retardation
<b>IP Days</b>	Inpatient Days
<b>LTC</b>	Long Term Care
<b>Med/Surg</b>	Medical / Surgical
<b>MRI</b>	Magnetic Resonance Imaging
<b>NICU</b>	Neonatal Intensive Care Unit
<b>OB</b>	Obstetric
<b>Occup %</b>	Occupancy Rate Percentage
<b>Psych</b>	Psychiatric
<b>Rehab</b>	Rehabilitation
<b>SHPDA</b>	State Health Planning and Development Agency
<b>SNF</b>	Skilled Nursing Facility
<b>SNF/ICF</b>	Skilled Nursing Facility/Intermediate Care Facility
<b>STF</b>	Special Treatment Facility
<b>Swing</b>	Swing beds (dual purpose, e.g. SNF/ICF beds)
<b>TB</b>	Tuberculosis
<b>Tesla</b>	Standard unit of imaging strength for MRI

# Bed Utilization Formulas

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Example. Suppose a facility reported that for their 150 licensed beds there were 6,000 admissions and 40,000 total inpatient days for the year then:

1. **Average Length of Stay (ALOS)**

$$\begin{aligned} &= \text{Total Inpatient Days/Admission} \\ &= 40,000 \text{ Days}/6,000 \text{ Admissions} \\ &= 6.67 \text{ or } 7 \text{ Days} \end{aligned}$$

2. **Average Daily Census (ADC)**

$$\begin{aligned} &= \text{Total Inpatient Days}/365 \text{ Days} \\ &= 40,000 \text{ Days}/365 \text{ Days} \\ &= 109.59 \text{ or } 110 \text{ Beds} \end{aligned}$$

3. **Occupancy Rate (Occup %)**

$$\begin{aligned} &= (\text{Average Daily Census}/\text{Licensed Beds}) \times 100 \\ &= (109.59/150) \times 100 \\ &= .7306 \times 100 \\ &= 73.06\% \end{aligned}$$