HEALTH POLICY AND ANALYTICS
Office of Health Analytics, Hospital Reporting Program

Kate Brown, Governor

Oregon Health Authority

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https://www.oregon.gov/oha/HPA/ANALYTICS/Pages/Hospital-Reporting.aspx

Fact Sheet

Date: 09-25-2020

Contact: hdd.admin@dhsoha.state.or.us

Q. What is included in the public use discharge data files?

A. Record layouts are on page 3 of this document.

Q. Who reports in the public use discharge files?

A. The inpatient discharge data reports discharges (hospitalizations) from 60 (59 prior to 2013) acute care hospitals in Oregon. Excluded are the Veterans Administration Hospitals, any specialty or rehabilitative care hospital, long term care facilities, and psychiatric hospitals.

To be considered an inpatient discharge, the patient must have been admitted to the hospital under order of a physician. Inpatient admissions that resulted from an emergency department visits are included here.

The emergency department discharge data reports emergency department discharges and observation stays from 60 emergency departments in Oregon. Emergency department visits that resulted in an inpatient admission are not included here.

Q. What is the cost for data?

A. Public use hospital inpatient and emergency department discharge datasets cost $250 each, per year of data.

Q. Do you take credit cards?

A. Unfortunately we do not. We can only accept check or money order. Please make checks out to Oregon Health Authority.

Q. Why do the public use data sets not contain full zip codes?

A. The state of Oregon does not provide full zip codes in public use data sets. These data sets comply with the Health Insurance Portability and Accountability Act Privacy Rule's Safe Harbor definition of de-identified. As a result, the Office of Health Analytics has replaced the full zip codes with the first 3 digits of the patient's zip code when the population of the region the 3 digits cover is greater than 20,000. For regions with a population below 20,000, the zip code is entirely censored and replaced with '000'. The first 3 digits still form a defined geographical area but are much larger than the full zip code and contain greater populations. These are factors that help ensure patient confidentiality. The link above goes into great detail as to the decision-making process for removing zip codes.

Q. Where can I get full zip codes?

A. If your analysis requires full zip codes, we refer you to the Healthcare Cost and Utilization Project (HCUP). HCUP is a federal-state-industry partnership than maintains state discharge databases. HCUP data may only be used by the data recipient for research which may include analysis and aggregate statistical reporting. HCUP data cannot be used (1) for commercial or competitive purposes involving those individual establishments; or (2) to determine the rights, benefits, or privileges of individual establishments. One can purchase research level datasets from Oregon (and other states) at the HCUP website. HCUP places restrictions on the use of the datasets and requires signed data use agreements to be in place prior to receiving data.

To purchase HCUP data, go here: http://www.hcup-us.ahrq.gov/tech_assist/centdist.jsp

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Q. Can I get custom datasets from Oregon?

A. Generally speaking, no. The state of Oregon provides public use data sets. Research level data sets are obtained through our federal partner HCUP. The Oregon Association of Hospitals & Health Systems may be able to accommodate request for custom datasets related to hospital inpatient discharge. In addition, the Oregon Health Authority may be able to assist researcher or public health officials with custom datasets if the discharge data from HCUP is not suitable. For example, the Oregon Health Authority may be able to assist researchers with linking hospital inpatient discharge data to other data sets before producing a limited dataset. One can inquire about data linking by contacting hdd.admin@dhsoha.state.or.us.

Oregon De-Identified Inpatient Discharge Public Data Set Record Layout

FIELD #	FIELD NAME	DEFINITION	DATA TYPE	LENGTH
1	REC_NUM	Unique record identifier (does not identify patients)	NUMBER	8
2	PROVIDER_FACILITY	Hospital facility identifier (details in Codebook)	TEXT	8
3	GENDER	Patient reported gender at admission	TEXT	1
4	AGE	Patient age in years at admission*	TEXT	3
5	PATIENT_ZIP_INDICATOR	Patient zip code of residence**	TEXT	3
6	LENGTH_OF_STAY	Length of stay in days from admission date to discharge date	NUMBER	8
7	TOTAL_CHARGES	Total charges for all revenue codes	NUMBER	8
8	PAYER_PRIMARY	NUBC coding from primary payer (details in Codebook)	TEXT	3
9	PRIMARY_DIAGNOSIS	ICD-10 code for principal diagnosis***	TEXT	8
10	MSDRG	MSDRG code for principal diagnosis***	TEXT	3
11	PROCEDURE_PRINCIPAL	ICD-10 code for principal procedure***	TEXT	8
12	DISCHARGE_STATUS	NUBC coding for patient disposition at discharge (details in Codebook)	TEXT	2

Oregon De-Identified Emergency Department Discharge Public Data Set Record Layout

FIELD #	FIELD NAME	DEFINITION	DATA TYPE	LENGTH
1	REC_NUM	Unique record identifier (does not identify patients)	NUMBER	8
2	PROVIDER_FACILITY	Hospital facility identifier (details in Codebook)	TEXT	8
3	GENDER	Patient reported gender at admission	TEXT	1
4	AGE	Patient age in years at admission*	TEXT	3
5	PATIENT_ZIP_INDICATOR	Patient zip code of residence**	TEXT	3
6	LENGTH_OF_STAY	Length of stay in days from admission date to discharge date	NUMBER	8
7	TOTAL_CHARGES	Total charges for all revenue codes	NUMBER	8
8	PAYER_PRIMARY	NUBC coding from primary payer (details in Codebook)	TEXT	3
9	PRIMARY_DIAGNOSIS	ICD-10 code for principal diagnosis***	TEXT	8
10	PROCEDURE_PRINCIPAL	CPT/HCPCS code for principal procedure***	TEXT	8
11	DISCHARGE_STATUS	NUBC coding for patient disposition at discharge (details in Codebook)	TEXT	2

* AGE_YEARS suppresses individuals over 90 years of age and replace the value with a “90+” category.

** PATIENT_ZIP_INDICATOR represents the geographic region formed by the first three digits of the patient’s zip code, for areas with a population greater than 20,000.

*** Look-up resources for ICD-10 diagnosis, ICD-10 procedure, and CPT/HCPCS codes are widely available online.

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