

# Hospital Market Report Market Share and Utilization Report

## Methodology and Source Code

### Methodology:

Data in this report come from VAHHS-NSO's data warehouse for the Vermont Uniform Hospital Discharge Data Set (VUHDDS). Data received is "point in time" and does not reflect any updates hospitals may have made in their systems after data submission.

The report contains data from Fiscal Year 2017 (beginning 10/1/2016) through Fiscal Year 2021 (ending 9/30/2021).

### Exclusions:

- Newborns and neonates
- Transfers from other hospitals
- Records defined as Expanded Outpatient

Inpatient discharges are aggregated using Service Lines, which are groups of DRGs. Top Service Lines are those representing approximately 80% of a hospital's Inpatient volume.

Outpatient encounters are aggregated using Primary CPT Groups, based on a Primary CPT/HCPCS code derived using an algorithm based on CMS Relative Value Units (RVUs). Top Primary CPT Groups are those representing approximately 80% of a hospital's Outpatient volume.

Local patients are those residing inside the HSA where the hospital is located. Grace Cottage is included in the Brattleboro HSA.

Non-local patients are either Vermonters from outside of the hospital's designated HSA, patients from Out of State, or patients with an Unknown origin.

Data was also aggregated by Primary Payer.

Cells with fewer than 6 discharges have been masked.

## Source Code:

```
select dtype, d_ddat, age_years, dtype_ed, zc, sop
, d_mi, d_sud, ddrg, ddrg_desc, d.product, prim_cpt_group
, adms, address2, g.HSA_2022, dtype_as, cc.highest_num, cc.highest_label
, dtype_o, sum(t_revchg) as 'chg'
, count(*) as 'count'
from tblclinical c
left join drg_t d on d.drg = c.ddrg and c.fy = d.fy
left join GMCB_HSA g on g.zip_code = c.zc
left join tlkccspt cc on cc.cpt = c.prim_hcpc
where c.fy between 2017 and 2021
and dtype not in ('SW', 'NB')
and address2 not in (6968, 6970)
and age_years <> 0
and ((dtype = 'op' and (((cc.highest_num > 15 or cc.highest_num is null) and (dtype_o =
1 or dtype_ed = 1)) or cc.highest_num not in (16,17))) or dtype = 'ip')
group by dtype, d_ddat, age_years, dtype_ed, zc, sop
, d_mi, d_sud, ddrg, ddrg_desc, product, prim_cpt_group
, adms, address2, HSA_2022, dtype_as, cc.highest_num, cc.highest_label
, dtype_o
```

Definitions for any elements can be provided upon request.