PerceptionHealth®
Predictive Intelligence

Physician Directory: A Microsoft PowerApp Application (V1.0)

The Perception Health Physician Directory application within the Microsoft Marketplace allows the user to find a physician in their designated market and quickly understand their hospital referrals, charges, and primary hospital relationship. The data is based on Perception Health's most recent year of commercial and Medicare data and shows patient relationships between providers within a 30 day window. The Physician Directory application also allows the user to consume the **Geoflow** graphic which shows a provider's network on a map, the **General Flow** which shows which hospitals a physician's patients go to, the **Flow** which shows reciprocal patient relationships for the physician, and the **Specialty Flow** which shows how the provider's patients navigate from PCP's to Specialists to Acute Care Hospitals. More details on the graphics are contained below.

General Flow

The *General Flow* graph shows shared visits between an individual and a General Acute Care facility.

Specialty

The *Specialty* graph is an information-rich graph that shows the flow of visits from primary care to specialists and then to hospitals.

Using the drop-down list options at the top of the page, select the left or middle types of "nodes" (color-filled rectangles on the left or right of center) to customize the view. The left dropdown filters primary care physician types and the middle is specialist types.

Rollover any node for more information or click a node to reveal the provider's details page. Changing the data source in the top left of the page will recalculate the patient relationships based on the data field chosen.

Flow

The *Flow* graph highlights reciprocal relationships by highlighting the top providers that share visits with the selected provider in the window of care. The graph shows the top providers on either side of the selected provider (middle node), but the placement of the nodes on the left or the right are insignificant. The animated arrows show the direction of the patient relationships (IE x patients started at the selected provider and saw another provider and y patients started at the other provider and *then* saw the selected provider).

This graph is useful for identifying the selected provider's top referral destinations and determining if the providers share a mutually beneficial relationship.

Referral Map

The *Referral Map* graph helps visualize *Organization* and *Physician* patient relationships geographically.

The **Physician Referral Map** shows shared patient relationships between physicians of the same specialty. For example, if your selected physician is in Family Medicine, the *Referral Map* shows all of the selected physician's relationships with other Family Medicine physicians, who also saw the same patients.

For more information about the full breadth of products and services that Perception Health offers please reach out to info@perceptionhealth.com or product@perceptionhealth.com. You can also visit www.perceptionhealth.com