



## Specialty Physician Supply and Demand Report

04/19/2026

This report is the result of the request made through the online Specialty Physician Supply and Demand (SPSD) tool. This tool and the results below are being provided, free of charge, by the National Center for the Analysis of Healthcare Data (NCAHD) and the National Center for Rural Health Works for the purpose of improving easy access to high quality physician workforce supply and demand data that has never before been provided to the public.

**Background:** Previous specialty physician demand models generally utilized population measures such as determining the number of doctors a total population and do not ascertain differences in visit rates by different age demographics or account for health outcomes. In addition, they also do not take into account the current manner in which physicians provide care and how they are reimbursed. Our specialty physician demand model measures need based upon historical patient visit rates by different age demographics along with accounting for the current work production values by each physician specialty.

Considering the fact that all existing physician data sources (e.g. AMA Masterfile, the NPI , Healthgrades, etc.) use self-reported data as the basis of their data, our partner research center, the National Center for Analysis of Healthcare Data (NCAHD) created, in 2008, a unique process using the only regulated physician data source, state licensure data, as our base to which we integrate other data sources as needed. We call this the Enhanced State Licensure (ESL) dataset and a current national version of this dataset is utilized in this application.

Since we have individual practice location data for all actively practicing physicians in the nation, we are able to generate an FTE demand by any geographic area (zip code, county, state or service region) that when coupled with our specialty physician supply data provides a source of high-quality physician specialty information that will be updated annually.

Results table generated on page 2 of this PDF.

To visualize this data, visit the online portal ([click here](#))  
or visit <http://portals.ncahd.org/spsdt>.



**Specialty Physician Supply\* (S) and Demand\*\* (D) Numbers for Maryland**

County	CARD		DERM		FM		IM		NEU		OBGYN	
	D	S	D	S	D	S	D	S	D	S	D	S
Baltimore City	32.5	99.0	29.6	30.0	230.6	126.0	166.9	912.0	19.2	197.0	80.7	151.0
Baltimore County	44.4	59.0	40.4	44.0	314.9	159.0	227.9	617.0	26.2	60.0	114.7	166.0
Montgomery	52.2	91.0	47.5	127.0	369.7	271.0	267.6	936.0	30.8	134.0	135.5	268.0
Anne Arundel	28.7	40.0	26.1	30.0	203.2	133.0	147.1	298.0	16.9	25.0	71.4	73.0
Wicomico	5.3	17.0	4.8	2.0	37.3	21.0	27.0	63.0	3.1	9.0	13.3	15.0
Talbot	2.4	8.0	2.2	4.0	16.9	18.0	12.2	25.0	1.4	2.0	6.1	10.0
Howard	14.9	19.0	13.6	13.0	105.8	83.0	76.6	182.0	8.8	26.0	39.0	49.0

\*Supply numbers from NCAHD 2016 ESL Physician data (green cells indicate a surplus) 1

\*\*Demand numbers derived through our methodology (red cells indicate a shortage) 1

1: See Appendix - Metadata on Specialty Physician Supply and Demand Data