2030
Positron Emission Tomography Scanner Need Projection

Health Planning Area	2030 Projected Population [1]	Sum of Projected Cancer Cases [2]	Projected number of cancer patients that may benefit from scan [3]	Projected number of PET patients [4]	Projected number of PET units needed statewide per HPA [5]	Existing and Approved PET/CT Units [6]	Projected Unmet Need (Deficit) or Surplus [7]	Unmet Need (Type Unit Allowed) [7]	Aggregate Utilization [8]
HPA 01	790,791	3,796	1,898	2,657	0.97	3.84	2.8776	No Units Needed	55.9%
HPA 02	545,502	2,780	1,390	1,946	0.71	3.56	2.8568	No Units Needed	78.6%
HPA 03	5,900,658	27,499	13,749	19,249	7.00	20.52	13.5236	No Units Needed	83.6%
HPA 04	604,626	2,937	1,468	2,056	0.75	2.06	1.3155	No Units Needed	141.1%
HPA 05	580,253	2,890	1,445	2,023	0.74	2.44	1.7000	No Units Needed	66.1%
HPA 06	558,359	2,694	1,347	1,886	0.69	2.22	1.5306	No Units Needed	66.0%
HPA 07	526,084	2,482	1,241	1,738	0.63	1.27	0.6366	No Units Needed	89.9%
HPA 08	379,294	1,812	906	1,268	0.46	1.44	0.9813	No Units Needed	58.8%
HPA 09	150,644	646	323	452	0.16	0.24	0.0738	No Units Needed	61.3%
HPA 10	698,201	3,192	1,596	2,235	0.81	3.49	2.6724	No Units Needed	53.3%
HPA 11	341,743	1,670	835	1,169	0.43	2.07	1.6462	No Units Needed	54.2%
HPA 12	275,775	1,333	666	933	0.34	1.14	0.8033	No Units Needed	72.1%
HPA 13	390,692	1,899	950	1,329	0.48	0.95	0.4700	No Units Needed	117.7%
	11,742,622	55,629	27,815	38,941	14.16	45.25			76.3%

Notes and Sources:

[1] 2030 Resident Projected Population, Georgia Governor's Office of Planning and Budget, 4/1/2023 Release

[2] Projected cancer cases is determined by applying the most recent cancer incidence rates to the horizon year population. From "Age-Adjusted Cancer Incidence Rates per 100,000 (2019-2023)" reported by the Georgia Comprehensive Cancer Registry; Georgia Department of Public Health (http://dph.georgia.gov/cancer-reports); released 2025.

[3] Projected cancer cases who may benefit from PET scans is 50% of the projected number of cancer cases.

[4] The projected number of PET scan patients is determined using the actual ratio of Ocology to Non-Oncology PET scans from the most recent 2 years.

[5] The number of PET scan units projected by HPA is determined by using an optimal utilization standard of **2,750** scans per unit per year. Projected number of PET patients is devided by **2,750**.

[6] Total Existing PET/CT scanner units reported. Mobile units allocated by HPA as reported.

[7] Projected unmet need is from the sum of the existing and approved PET scanners less the projected number of PET scan units in the horizon year. Where the projected unmet need is greater than -75.0% a fixed unit is allowed. If projected unmet need is greater than -3.2875% but less than -75.0% a mobile site is allowed.

[8] Aggregate utilization based on survey data for all units that were operational during 2024. Calculated by dividing the actual total number of scans by the capacity number of scans as if the available units were operating at optimal utilization. Aggregate utilization must be at or above 80% before new units will be approved.