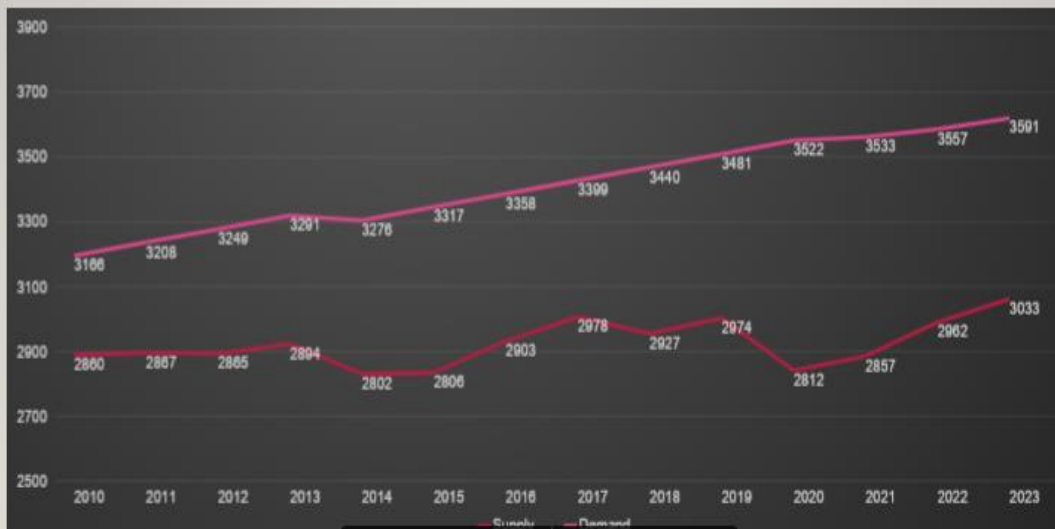


Draft Workforce Data for your review. Send questions/comments to wityh@hawaii.edu

DRAFT HAWAII PHYSICIAN WORKFORCE 2024 DATA

- Over 12,000 MD and DOs licensed in Hawaii
- Current supply of practicing physicians is 3580 for 3033 Full Time Equivalents. Increase of 71 FTE from 2023
- Shortage is from 584 to 786 or 22% compared to Continental US
- At least 86 retired and 173 moved away in the last year!!

DRAFT PHYSICIAN WORKFORCE TRENDS



**DRAFT PRIMARY CARE SHORTAGE BY COUNTY
(COMPARED TO LAST YEAR)**

	Hawaii County	Honolulu County	Kauai County	Maui County	Statewide
Shortage	21 (17)	113 (59)	9 (6)	39 (42)	163 (123)
Percent	14% (12)	12% (7)	13% (11)	31%(33)	15% (11)

**DRAFT PHYSICIAN SHORTAGES BY COUNTY
(COMPARED TO LAST YEAR)**

	Hawaii County	Honolulu County	Kauai County	Maui County	Statewide
Shortage	195(206)	364(318)	52(52)	176(181)	786(757)
Percent	39% (41%)	15%(13)	29%(30)	41%(43)	22%(21)

DRAFT GREATEST STATEWIDE SPECIALTY SHORTAGES BY PERCENTAGE

Specialty	FTE Shortage	Percent short
Peds GI	7	82%
Endocrine (child and adult)	22	59-60%
Pulmonary (child and adult)	39	59-64%
Colorectal Surgery	6	56%
Thoracic Surgery	11	56%

Statewide

Specialty (Primary Care)	Demand	Supply	Difference	Dif W/O coverage	% shortage
Family Medicine	441.7	353.1	88.6	89	20.1%
General Internal Medicine	416.9	338.4	78.5	79	18.8%
Geriatric Medicine	31.1	43	0	0	0.0%
Pediatrics	234	226.7	7.3	8	3.1%
Primary Care Total	1123.7	961	162.7	162.7	14.5%
Allergy & Immunology	20.7	10.8	9.9	9.9	47.8%
Dermatology	35.7	58.2	0	0.8	2.2%
Infectious Disease	39.7	22.1	17.6	17.6	44.3%
Neonatology	25.9	18.6	7.3	8.2	31.7%
Nephrology+	49.1	30.4	18.7	18.7	38.1%
Adult Cardiology	107.1	78.1	29	29	27.1%
Pediatric Cardiology	7.3	6.6	0.7	1.1	15.1%
Adult Critical Care+	17.5	36.8	0	4.1	23.4%
Pediatric Critical Care	2.9	4.1	0	1	34.5%
Adult Endocrinology	28.8	11.5	17.3	17.3	60.1%
Pediatric Endocrinology	8	3.3	4.7	4.7	58.8%
Adult Gastroenterology	64.9	56.3	8.6	11	16.9%
Pediatric Gastroenterology	8.3	1.6	6.7	6.8	81.9%

Adult Hematology & Oncology	45.7	25.8	19.9	19.9	43.5%
Pediatric Hematology & Oncology	7.4	6.3	1.1	1.8	24.3%
Adult Pulmonary	59	24.2	34.8	34.8	59.0%
Pediatric Pulmonary	5.5	2	3.5	3.5	63.6%
Adult Rheumatology	23	15	8	8	34.8%
Pediatric Rheumatology	1.3	2.2	0	0.4	30.8%
Colorectal Surgery	11	4.9	6.1	6.1	55.5%
General Surgery	96.1	95.8	0.3	8	8.3%
Neurological Surgery+	15	14.1	0.9	5.6	37.3%
Obstetrics & Gynecology	165.7	174.8	0	2.4	1.4%
Ophthalmology	85.6	91.9	0	13.5	15.8%
Orthopedic Surgery+	92.3	83.9	8.4	8.5	9.2%
Otolaryngology	38.5	28.7	9.8	10.5	27.3%
Plastic Surgery	30.6	25.9	4.7	6.5	21.2%
Thoracic Surgery+	19	8.3	10.7	10.7	56.3%
Urology+	37.5	29.9	7.6	7.7	20.5%
Vascular Surgery+	21.1	18.5	2.6	2.6	12.3%
Anesthesiology	177.9	147.7	30.2	31.7	17.8%
Emergency Medicine*	280.2	206.6	73.6	77.3	27.6%
Other Specialties***	150.1	107.4	42.7	43.3	28.8%
Pathology	65.7	36.8	28.9	28.9	44.0%
Physical Medicine & Rehabilitation	38	26.9	11.1	11.1	29.2%
Radiation Oncology	18.1	19.6	0	0.8	4.4%
Radiology	99.9	88.7	11.2	21.7	21.7%
Adult Neurology	53	45.2	7.8	9.2	17.4%
Pediatric Neurology	6.7	5	1.7	2.4	35.8%
Adult Psychiatry**	225.3	144.2	81.1	81.1	36.0%
Child/Adolescent Psychiatry**	68.9	36.2	32.7	32.7	47.5%
Hospital Medicine	140.3	217.9	0	3	2.1%
Grand Total (Statewide)	3618	3033.8	584.2	786.4	21.7%

Hawai'i County

Specialty (Primary Care)	Demand	Supply	Difference	%Shortage
Family Medicine	70.3	74.2	-3.9	
General Internal Medicine	44.8	23.2	21.6	
Geriatric Medicine	2.4	1.5	0.9	
Pediatrics	28.4	26.4	2	

Primary Care Total	145.9	125.3	20.6	14.1%
Allergy & Immunology	2.2	0.9	1.3	59.1%
Dermatology	4.8	4.8	0	0.0%
Infectious Disease	5.6	1.2	4.4	78.6%
Neonatology	4	0	4	100.0%
Nephrology+	6.8	3	3.8	55.9%
Adult Cardiology	14.2	10.3	3.9	27.5%
Pediatric Cardiology	0.7	0.5	0.2	28.6%
Adult Critical Care+	2.4	0	2.4	100.0%
Pediatric Critical Care	0.4	0	0.4	100.0%
Adult Endocrinology	3.2	0.1	3.1	96.9%
Pediatric Endocrinology	1.2	0	1.2	100.0%
Adult Gastroenterology	7.1	3.7	3.4	47.9%
Pediatric Gastroenterology	0.5	0	0.5	100.0%
Adult Hematology & Oncology	6.2	1	5.2	83.9%
Pediatric Hematology & Oncology	0.9	0	0.9	100.0%
Adult Pulmonary	6.8	0	6.8	100.0%
Pediatric Pulmonary	0.4	0	0.4	100.0%
Adult Rheumatology	3	1.3	1.7	56.7%
Pediatric Rheumatology	0.2	0	0.2	100.0%
Colorectal Surgery	1.7	0.3	1.4	82.4%
General Surgery	17.6	12.3	5.3	30.1%
Neurological Surgery+	2	0	2	100.0%
Obstetrics & Gynecology	21.3	19.7	1.6	7.5%
Ophthalmology	13.1	4	9.1	69.5%
Orthopedic Surgery+	14.6	10.1	4.5	30.8%
Otolaryngology	5.2	1	4.2	80.8%
Plastic Surgery	4.1	1.5	2.6	63.4%
Thoracic Surgery+	2.1	0	2.1	100.0%
Urology+	5.3	1.5	3.8	71.7%
Vascular Surgery+	3.2	2.7	0.5	15.6%
Anesthesiology	26.4	6.1	20.3	76.9%
Emergency Medicine*	38.4	33.5	4.9	12.8%
Other Specialties***	20.7	14.7	6	29.0%
Pathology	9.6	3	6.6	68.8%
Physical Medicine & Rehabilitation	7.5	1.2	6.3	84.0%
Radiation Oncology	2.4	1.9	0.5	20.8%
Radiology	17.9	6.3	11.6	64.8%
Adult Neurology	6.3	1.1	5.2	82.5%

Pediatric Neurology	0.9	0	0.9	100.0%
Adult Psychiatry**	36.9	11.7	25.2	68.3%
Child/Adolescent Psychiatry**	5.7	1.6	4.1	71.9%
Hospital Medicine	20.5	18.2	2.3	11.2%
Grand Total (Statewide)	499.9	304.5	195.4	39.1%

Honolulu County

Specialty (Primary Care)	Demand	Supply	Difference	Diff w/o verage	% Shorta ge
Family Medicine	293.3	222.5	70.8	70.8	
General Internal Medicine	315.8	273.2	42.6	42.6	
Geriatric Medicine	22.1	38.5	-16.4	-16.4	
Pediatrics	169.9	170.1	-0.2	-0.2	
Primary Care Total	801.1	704.3	96.8	96.8	12.1%
Allergy & Immunology	15	9.9	5.1	5.1	34.0%
Dermatology	24	47	-23	0	0.0%
Infectious Disease	27.5	18.4	9.1	9.1	33.1%
Neonatology	17.7	18.6	-0.9	0	0.0%
Nephrology+	34.7	25.4	9.3	9.3	26.8%
Adult Cardiology	75	57.9	17.1	17.1	22.8%
Pediatric Cardiology	5.6	6	-0.4	0	0.0%
Adult Critical Care+	11.4	31.8	-20.4	0	0.0%
Pediatric Critical Care	1.9	4.1	-2.2	0	0.0%
Adult Endocrinology	21.1	10.8	10.3	10.3	48.8%
Pediatric Endocrinology	5.3	3.3	2	2	37.7%
Adult Gastroenterology	47.4	49.8	-2.4	0	0.0%
Pediatric Gastroenterology	6.8	1.6	5.2	5.2	76.5%
Adult Hematology & Oncology	29.8	21.8	8	8	26.8%
Pediatric Hematology & Oncology	5.6	6.3	-0.7	0	0.0%
Adult Pulmonary	42.5	22.5	20	20	47.1%
Pediatric Pulmonary	4.3	2	2.3	2.3	53.5%
Adult Rheumatology	16.2	13.5	2.7	2.7	16.7%
Pediatric Rheumatology	0.9	2.2	-1.3	0	0.0%
Colorectal Surgery	7.3	4.5	2.8	2.8	38.4%
General Surgery	60.6	68.3	-7.7	0	0.0%
Neurological Surgery+	9	13.7	-4.7	0	0.0%
Obstetrics & Gynecology	117.4	128.8	-11.4	0	0.0%
Ophthalmology	58.5	78.3	-19.8	0	0.0%

Orthopedic Surgery+	60.2	60.3	-0.1	0	0.0%
Otolaryngology	25.4	21.9	3.5	3.5	13.8%
Plastic Surgery	19.5	21.3	-1.8	0	0.0%
Thoracic Surgery+	12.5	7.3	5.2	5.2	41.6%
Urology+	25.4	24.3	1.1	1.1	4.3%
Vascular Surgery+	13.6	13.5	0.1	0.1	0.7%
Anesthesiology	119.9	114.8	5.1	5.1	4.3%
Emergency Medicine*	197.9	139.2	58.7	58.7	29.7%
Other Specialties***	104.5	75.2	29.3	29.3	28.0%
Pathology	45.1	31.8	13.3	13.3	29.5%
Physical Medicine & Rehabilitation	24.9	22.7	2.2	2.2	8.8%
Radiation Oncology	12.1	13.9	-1.8	0	0.0%
Radiology	62.7	73.2	-10.5	0	0.0%
Adult Neurology	38.5	39.9	-1.4	0	0.0%
Pediatric Neurology	4.3	5	-0.7	0	0.0%
Adult Psychiatry**	151.5	116.2	35.3	35.3	23.3%
Child/Adolescent Psychiatry**	51.3	32	19.3	19.3	37.6%
Hospital Medicine	96.3	176.4	-80.1	0	0.0%
Grand Total (Statewide)	2512.2	2339.7		363.8	14.5%

Kaua'i County

Specialty (Primary Care)	Demand	Supply	Difference	Dif w/o overage	%Shortage
Family Medicine	24.3	20.7	3.6	3.6	
General Internal Medicine	15.5	12.6	2.9	2.9	
Geriatric Medicine	0.8	3	-2.2	-2.2	
Pediatrics	9.8	7.6	2.2	2.2	
Primary Care Total	50.4	43.9	6.5	6.5	12.9%
Allergy & Immunology	0.7	0	0.7	0.7	100.0%
Dermatology	1.6	0.8	0.8	0.8	50.0%
Infectious Disease	1.9	1.5	0.4	0.4	21.1%
Neonatology	1.4	0	1.4	1.4	100.0%
Nephrology+	2.4	0	2.4	2.4	100.0%
Adult Cardiology	4.8	2	2.8	2.8	58.3%
Pediatric Cardiology	0.2	0	0.2	0.2	100.0%
Adult Critical Care+	1.7	0	1.7	1.7	100.0%
Pediatric Critical Care	0.3	0	0.3	0.3	100.0%

Adult Endocrinology	1.1	0	1.1	1.1	100.0%
Pediatric Endocrinology	0.4	0	0.4	0.4	100.0%
Adult Gastroenterology	2.5	1.8	0.7	0.7	28.0%
Pediatric Gastroenterology	0.2	0	0.2	0.2	100.0%
Adult Hematology & Oncology	2	1	1	1	50.0%
Pediatric Hematology & Oncology	0.3	0	0.3	0.3	100.0%
Adult Pulmonary	2.2	1	1.2	1.2	54.5%
Pediatric Pulmonary	0.2	0	0.2	0.2	100.0%
Adult Rheumatology	1.1	0	1.1	1.1	100.0%
Pediatric Rheumatology	0.1	0	0.1	0.1	100.0%
Colorectal Surgery	0.6	0.1	0.5	0.5	83.3%
General Surgery	6	5.5	0.5	0.5	8.3%
Neurological Surgery+	2	0	2	2	100.0%
Obstetrics & Gynecology	7.4	6.6	0.8	0.8	10.8%
Ophthalmology	4.5	4.3	0.2	0.2	4.4%
Orthopedic Surgery+	5.1	4	1.1	1.1	21.6%
Otolaryngology	1.8	2.5	-0.7	0	0.0%
Plastic Surgery	1.3	0	1.3	1.3	100.0%
Thoracic Surgery+	2	0	2	2	100.0%
Urology+	2	2.1	-0.1	0	0.0%
Vascular Surgery+	2	0.3	1.7	1.7	85.0%
Anesthesiology	9	10.5	-1.5	0	0.0%
Emergency Medicine*	14	17.7	-3.7	0	0.0%
Other Specialties***	7.1	7.7	-0.6	0	0.0%
Pathology	3.3	0.5	2.8	2.8	84.8%
Physical Medicine & Rehabilitation	2.5	1	1.5	1.5	60.0%
Radiation Oncology	0.8	1.3	-0.5	0	0.0%
Radiology	5.9	3.9	2	2	33.9%
Adult Neurology	2.2	1	1.2	1.2	54.5%
Pediatric Neurology	0.3	0	0.3	0.3	100.0%
Adult Psychiatry**	13	4.7	8.3	8.3	63.8%
Child/Adolescent Psychiatry**	2.1	0.8	1.3	1.3	61.9%
Hospital Medicine	7	6.3	0.7	0.7	10.0%
Grand Total (Statewide)	177.4	132.8	44.6	51.7	29.1%

Maui County

Specialty (Primary Care)	Demand	Supply	Difference	W/o overage	%Shortage
Family Medicine	53.8	35.7	18.1		
General Internal Medicine	40.8	29.4	11.4		
Geriatric Medicine	5.8	0	5.8		
Pediatrics	25.9	22.6	3.3		
Primary Care Total	126.3	87.7	38.6	38.6	30.6%
Allergy & Immunology	2.8	0	2.8	2.8	100.0%
Dermatology	5.3	5.6	-0.3	0	0.0%
Infectious Disease	4.7	1	3.7	3.7	78.7%
Neonatology	2.8	0	2.8	2.8	100.0%
Nephrology +	5.2	2	3.2	3.2	61.5%
Adult Cardiology	13.1	7.9	5.2	5.2	39.7%
Pediatric Cardiology	0.8	0.1	0.7	0.7	87.5%
Adult Critical Care+	2	5	-3	0	0.0%
Pediatric Critical Care	0.3	0	0.3	0.3	100.0%
Adult Endocrinology	3.4	0.6	2.8	2.8	82.4%
Pediatric Endocrinology	1.1	0	1.1	1.1	100.0%
Adult Gastroenterology	7.9	1	6.9	6.9	87.3%
Pediatric Gastroenterology	0.9	0	0.9	0.9	100.0%
Adult Hematology & Oncology	7.7	2	5.7	5.7	74.0%
Pediatric Hematology & Oncology	0.6	0	0.6	0.6	100.0%
Adult Pulmonary	7.5	0.7	6.8	6.8	90.7%
Pediatric Pulmonary	0.6	0	0.6	0.6	100.0%
Adult Rheumatology	2.7	0.2	2.5	2.5	92.6%
Pediatric Rheumatology	0.1	0	0.1	0.1	100.0%
Colorectal Surgery	1.4	0	1.4	1.4	100.0%
General Surgery	11.9	9.7	2.2	2.2	18.5%
Neurological Surgery+	2	0.4	1.6	1.6	80.0%
Obstetrics & Gynecology	19.6	19.7	-0.1	0	0.0%
Ophthalmology	9.5	5.3	4.2	4.2	44.2%
Orthopedic Surgery+	12.4	9.5	2.9	2.9	23.4%
Otolaryngology	6.1	3.3	2.8	2.8	45.9%
Plastic Surgery	5.7	3.1	2.6	2.6	45.6%
Thoracic Surgery+	2.4	1	1.4	1.4	58.3%
Urology+	4.8	2	2.8	2.8	58.3%
Vascular Surgery+	2.3	2	0.3	0.3	13.0%

Anesthesiology	22.6	16.3	6.3	6.3	27.9%
Emergency Medicine*	29.9	16.2	13.7	13.7	45.8%
Other Specialties***	17.8	9.8	8	8	44.9%
Pathology	7.7	1.5	6.2	6.2	80.5%
Physical Medicine & Rehabilitation	3.1	2	1.1	1.1	35.5%
Radiation Oncology	2.8	2.5	0.3	0.3	10.7%
Radiology	13.4	5.3	8.1	8.1	60.4%
Adult Neurology	6	3.2	2.8	2.8	46.7%
Pediatric Neurology	1.2	0	1.2	1.2	100.0%
Adult Psychiatry**	23.9	11.6	12.3	12.3	51.5%
Child/Adolescent Psychiatry**	9.8	1.8	8	8	81.6%
Hospital Medicine	16.5	17	-0.5	0	0.0%
Grand Total (Statewide)	428.6	257	171.6	175.5	40.9%