

The physician supply numbers below represent the full time equivalents of physicians working by specialty and island, as obtained from the physician licensure survey, public and private data sources and direct contact. Demand numbers, which are based on average U.S. utilization of physician services by specialty, were applied to the population of Hawaii. Therefore, the demand calculations are not Hawaii-specific. In particular, we are reevaluating demand in Psychiatry, Emergency Medicine, Radiology and Pathology. Because of Hawaii's uniqueness, we are currently developing a Hawaii-specific model that will take into account our island geography, number of hospitals, large tourist population, and ethnic mix. To be involved in the development of this model, please contact Kelley Withy at [withy@hawaii.edu](mailto:withy@hawaii.edu).

## Hawaii Physician Workforce: Supply/Demand 2010

### Oahu

Specialty	2010 Supply	2010 Demand	2010 Shortage
<b>Total Active Physicians</b>	2,152	2,322	170
<b>Primary Care</b>	677	862	185
<b>Cardiology</b>	43	75	32
<b>Gastroenterology</b>	38	54	16
<b>Hematology &amp; Oncology</b>	23	30	7
<b>General Surgery</b>	61	86	25
<b>Ob/Gyn</b>	137	130	0
<b>Orthopedic Surgery</b>	56	61	5
<b>Anesthesiology</b>	109	161	52
<b>Emergency Medicine</b>	115	73	0
<b>Neurology</b>	30	34	4
<b>Psychiatry</b>	151	77	0

# Hawaii Physician Workforce: Supply/Demand Status 2010

## Big Island

<b>Specialty</b>	<b>2010 Supply</b>	<b>2010 Demand</b>	<b>2010 Shortage</b>
<b>Total Active Physicians</b>	315	467	152
<b>Primary Care</b>	128	171	43
<b>Cardiology</b>	5	15	10
<b>Gastroenterology</b>	6	10	4
<b>Hematology &amp; Oncology</b>	3	6	3
<b>General Surgery</b>	9	17	8
<b>Ob/Gyn</b>	18	27	9
<b>Orthopedic Surgery</b>	5	13	8
<b>Anesthesiology</b>	11	31	20
<b>Emergency Medicine</b>	30	17	0
<b>Neurology</b>	1	7	6
<b>Psychiatry</b>	24	18	0

# Hawaii Physician Workforce: Supply/Demand Status 2010

## Kauai

<b>Specialty</b>	<b>2010 Supply</b>	<b>2010 Demand</b>	<b>2010 Shortage</b>
<b>Total Active Physicians</b>	133	169	36
<b>Primary Care</b>	49	63	14
<b>Cardiology</b>	2	6	4
<b>Gastroenterology</b>	1	4	3
<b>Hematology &amp; Oncology</b>	1	2	1
<b>General Surgery</b>	5	6	1
<b>Ob/Gyn</b>	5	9	4
<b>Orthopedic Surgery</b>	5	5	0
<b>Anesthesiology</b>	9	11	2
<b>Emergency Medicine</b>	16	6	0
<b>Neurology</b>	1	3	2
<b>Psychiatry</b>	8	6	0

# Hawaii Physician Workforce: Supply/Demand Status 2010

## Maui

<b>Specialty</b>	<b>2010 Supply</b>	<b>2010 Demand</b>	<b>2010 Shortage</b>
<b>Total Active Physicians</b>	276	370	94
<b>Primary Care</b>	108	136	28
<b>Cardiology</b>	8	11	3
<b>Gastroenterology</b>	3	8	5
<b>Hematology &amp; Oncology</b>	3	5	2
<b>General Surgery</b>	7	14	7
<b>Ob/Gyn</b>	16	22	6
<b>Orthopedic Surgery</b>	9	10	1
<b>Anesthesiology</b>	15	24	9
<b>Emergency Medicine</b>	20	13	0
<b>Neurology</b>	3	6	3
<b>Psychiatry</b>	21	15	0