

**WAHA Retention and Recruitment Committee
Physician Manpower 2006
Solucient Population Assumptions**

		National Averages	Total Physician Demand	10/9/2003	6/7/2006 Current Supply	Whatcom County Staff	Priority	Priority	Priority	FINAL Priority
Whatcom County		Physicians Per 100,000 population	National Averages			Over/(Under Supply)	Phase 1	Phase 2	Phase 3	
Population	183,342	Solucient '05	Solucient ('05 AMA)			Solucient based	Solucient	MGMA	Qualitative	
Allergy/Immunology		1.09	2.00	3.0	2.40	0.4	2.0	2.0	3.0	
Anesthesia		N/A	N/A	15.7	21.33	N/A	3.0	N/A	3.0	
Cardiothoracic Surgery		1.41	2.59	2.0	3.00	0.4	2.0	N/A	3.0	
Cardiology		6.34	11.62	7.2	14.60	3.0	3.0	3.0	3.0	
Dermatology		3.07	5.63	4.7	7.05	1.4	3.0	3.0	3.0	
Emergency Medicine		5.67	10.40	13.0	-	N/A	3.0	N/A	3.0	
Endocrinology		1.07	1.96	3.0	2.50	0.5	2.0	N/A	3.0	3.0
Gastroenterology		3.33	6.11	7.6	10.00	3.9	3.0	3.0	3.0	
General Surgery		7.36	13.49	10.2	7.50	(6.0)	1.0	1.0	3.0	
Hematology/Oncology		2.79	5.12	2.0	3.00	(2.1)	1.0	2.0	3.0	
Infectious Disease		1.25	2.29	0.9	2.25	(0.0)	2.0	N/A	2.0	2B
Nephrology		1.79	3.28	3.9	3.20	(0.1)	2.0	2.0	3.0	2A
Neurology		3.20	5.87	1.9	4.50	(1.4)	2.0	2.0	3.0	
Neurosurgery		1.36	2.49	3.2	4.00	1.5	3.0	N/A	3.0	
Nuclear Medicine		N/A	N/A	3.0	-	N/A	3.0	N/A	3.0	
Radiation Oncology		N/A	N/A	N/A	3.00	N/A	3.0	N/A	3.0	
OB/GYN		12.06	22.11	10.3	11.58	(10.5)	1.0	1.0	1.0	1A
Ophthalmology		5.59	10.25	8.0	8.25	(2.0)	2.0	2.0	2.0	2B
Orthopedic Surgery		6.60	12.10	9.0	9.80	(2.3)	2.0	2.0	2.0	2A
Otolaryngology		2.82	5.17	5.0	3.75	(1.4)	2.0	2.0	1.0	2B
Pathology		N/A	N/A	5.0	3.30	N/A	3.0	N/A	3.0	
Pediatrics		15.14	27.76	12.7	24.30	(3.5)	1.0	3.0	3.0	
Physiatry		2.07	3.80	5.8	2.25	(1.5)	2.0	2.0	2.0	2B
Primary Care (Family Practice & Internal Medicine)		59.90	109.82	76.9	80.95	(28.9)	1.0	3.0	1.0	1A
Plastic Surgery		10.30	18.88	4.0	4.00	(14.9)	1.0	2.0	3.0	

Psychiatry	10.30	18.88	9.6	12.50	(6.4)	1.0	3.0	1.0	2A
Pulmonary	1.84	3.37	2.6	4.00	0.6	3.0	3.0	3.0	
Radiology	7.57	13.88	14.0	22.00	8.1	3.0	N/A	3.0	
Rheumatology	1.11	2.04	1.8	2.05	0.0	2.0	2.0	2.0	2B
Urology	2.98	5.46	3.5	3.00	(2.5)	2.0	2.0	2.0	2A
Vascular Surgery	0.68	1.25	1.2	1.00	(0.2)	2.0	N/A	1.0	1B
TOTALS			250.52	281.06	(63.8)				

PRODUCTIVITY ASSUMPTIONS	Expected PSA	MGMA Visit	Physician Demand
Specialty	2004 Visits	Capacity - Lvl 2	Based on Visits
Allergy/Immunology	13,950	3,099	4.5
Anesthesia			
Cardiothoracic Surgery			
Cardiology	20,149	2,329	8.7
Dermatology	32,961	5,326	6.2
Emergency Medicine			
Endocrinology			
Gastroenterology	12,655	1,604	7.9
General Surgery	13,906	1,669	8.3
Hematology/Oncology	8,206	3,287	2.5
Infectious Disease			
Nephrology	3,644	2,601	1.4
Neurology	8,393	2,281	3.7
Neurosurgery			
Nuclear Medicine			
Radiation Oncology			
OB/GYN	47,678	3,024	15.8
Ophthalmology	43,194	5,068	8.5
Orthopedic Surgery	38,352	3,403	11.3
Otolaryngology	14,431	3,470	4.2
Pathology			
Pediatrics	84,345	4,463	18.9
Physiatry	5,283	1,782	3.0
Primary Care (FP & IM)	292,813	7,934	36.9
Plastic Surgery	6,586	2,196	3.0
Psychiatry	20,126	2,122	9.5

PRODUCTIVITY ASSUMPTIONS	Expected PSA	MGMA Visit	Physician Demand
Specialty	2004 Visits	Capacity - Lvl 2	Based on Visits
Pulmonary	3,412	1,970	1.7
Radiology			
Rheumatology	11,122	3,522	3.2
Urology	12,843	2,918	4.4
Vascular Surgery			
TOTALS			

WAHA Retention and Recruitment Committee: 2006 Physician Supply and Demand Analysis

MGMA Productivity Assumptions

	Physician Visits and Productivity		Physician Demand Based On Visits	Population Based Need	Current Physician Supply	Over/(Under) Supply Prod 2	Over/(Under) Supply Population
	Expected Visits	Physician Visit Level 2	Productivity Level 2				
Allergy/Immunology	13,950	3,099	4.5	2.0	2.4	(2.1)	0.4
Cardiothoracic Surgery	N/A	N/A	N/A	2.6	3.0	N/A	0.4
Cardiology	20,149	2,329	8.7	11.6	14.6	5.9	3.0
Dermatology	32,961	5,326	6.2	5.6	7.1	0.9	1.4
Emergency Medicine	-		-	10.4	-	-	(10.4)
Endocrinology	N/A	N/A	N/A	2.0	2.5	N/A	0.5
Gastroenterology	12,655	1,604	7.9	6.1	10.0	2.1	3.9
General Surgery	13,906	1,669	8.3	13.5	7.5	(0.8)	(6.0)
Hematology/Oncology	8,206	3,287	2.5	5.1	3.0	0.5	(2.1)
Infectious Disease	N/A	N/A	N/A	2.3	2.3	N/A	(0.0)
Nephrology	3,644	2,061	1.8	3.3	3.2	1.4	(0.1)
Neurology	8,393	2,281	3.7	5.9	4.5	0.8	(1.4)
Neurosurgery	N/A	N/A	N/A	2.5	4.0	N/A	1.5
OB/GYN	47,678	3,024	15.8	22.1	11.6	(4.2)	(10.5)
Ophthalmology	43,194	5,068	8.5	10.2	8.3	(0.3)	(2.0)
Orthopedic Surgery	38,352	3,403	11.3	12.1	9.8	(1.5)	(2.3)
Otolaryngology	14,431	3,470	4.2	5.2	3.8	(0.4)	(1.4)
Pediatrics	84,345	4,463	18.9	27.8	24.3	5.4	(3.5)
Physiatry	5,283	1,782	3.0	3.8	2.3	(0.7)	(1.5)
Primary Care (FP & IM)	292,813	7,934	36.9	109.8	81.0	44.0	(28.9)
Plastic Surgery	6,586	2,196	3.0	18.9	4.0	1.0	(14.9)
Psychiatry	20,126	2,122	9.5	18.9	12.5	3.0	(6.4)
Pulmonary	3,412	1,970	1.7	3.4	4.0	2.3	0.6
Radiology	N/A	N/A	N/A	13.9	22.0	N/A	N/A
Rheumatology	11,122	3,522	3.2	2.0	2.1	(1.1)	0.0
Urology	12,843	2,918	4.4	5.5	3.0	(1.4)	(2.5)
Vascular Surgery	N/A	N/A	N/A	1.2	1.0	N/A	(0.2)
Specialties without any Demand information							
Anesthesia	N/A	N/A	N/A	N/A	21.3	N/A	N/A
Nuclear Medicine	N/A	N/A	N/A	N/A	-	N/A	N/A
Pathology	N/A	N/A	N/A	N/A	3.3	N/A	N/A
Radiation Oncology	N/A	N/A	N/A	N/A	3.0	N/A	N/A
			163.8	327.6	# 281.1	# 54.9	(82.3)