

# **Washington State Primary Care Provider Survey, 2011-2012: Summary of Findings**

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by

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## KEY FINDINGS

Analyses of data from surveys of Washington State's primary care physicians in 2011, and nurse practitioners (NPs) and physician assistants (PAs) in 2012 produced the following key findings:

### SUPPLY

- Washington State has a primary care provider workforce of approximately 8,000 physicians, NPs, and PAs. NPs and PAs make up roughly one third of this workforce.
- King County region (workforce development area [WDA] 5) has the highest per capita rate of primary care physicians (11.2 per 10,000 population); Spokane (WDA 12) has the highest per capita rate of primary care NPs (3.8 per 10,000). Among primary care PAs, the highest per capita rates are found in the largely rural regions of eastern Washington (2.4, 2.2, and 1.8 per 10,000 in WDA 8, WDA 9, and WDA 10, respectively).

### DEMOGRAPHICS

- The average age of Washington's primary care providers is 47.8 years for PAs, 49.3 years for physicians, and 49.9 years for NPs.
- The majority (54.2%) of primary care physicians are male while the majority of NPs and PAs are female (89.3% and 56.1%, respectively).
- Non-white and/or Hispanic primary care providers account for approximately 1 in 5 physicians, 1 in 10 NPs, and 1 in 7 PAs.
- WDA 11 (Benton and Franklin Counties) ranks highest among all WDAs in physicians' average age (52.2 years) and percent male (71.2%), non-white (42.1%), and Hispanic (6.1%) physicians.

## EDUCATION AND TRAINING EXPERIENCE

- Approximately 1 in 5 primary care physicians in Washington attended medical school in Washington State, compared to 2 in 5 PAs and 3 in 5 NPs who received their professional education in-state.
- Compared with the percent who obtained professional education in-state, higher percentages of Washington's primary care physicians, NPs, and PAs had residency/internship or other clinical training experiences in Washington (41.1%, 68.5%, and 52.2%, respectively).
- Most of Washington's primary care PAs had clinical training in rural communities (64.5%), as did 43.1% of NPs and 11.8% of physicians.

## PRACTICE CHARACTERISTICS AND ACTIVITIES

- The largest percentage of each primary care provider group works in private offices or clinics (between 37.2% and 48.2%) compared with other work settings.
- The average primary care provider has spent most of their practicing years in Washington (physicians—15.3 out of 18.4 years, PAs—12.0 out of 14.3 years, and NPs—11.7 out of 13.7 years).
- On average, Washington's primary care physicians and PAs have an annual patient panel size of approximately 1,700 and NPs 1,400.
- The primary care providers' median weekly patient volume (number of all patient visits) is 64 for NPs, 80 for PAs, and 85 for physicians in Washington.

- Primary care physicians in Washington work the most average hours per week in direct patient care (36.7 hours) followed by PAs (35.1 hours) and NPs (30.3 hours).
- Approximately 1 in 5 of Washington's primary care providers plans to retire within five years.

#### **MEDICAID INVOLVEMENT**

- Patients covered by Medicaid account for about 22% to 30%, on average, of the total patients of primary care providers in Washington. In the central Washington regions (WDA 8 and WDA 9), more than 30% of patients seen by each provider type are covered by Medicaid.
- Of those primary care physicians accepting new patients (approximately 4 in 5), about 30% reported that they are not accepting any new patients covered by Medicaid. Approximately 18% of NPs and 14% of PAs who are accepting new patients reported they would accept no new patients covered by Medicaid.
- Washington's primary care providers of all three types rated factors such as reimbursement rate and complexity of patient needs more problematic for patients covered by Medicaid than for patients with commercial coverage.

## INTRODUCTION

In 2011 and 2012 the Washington State Office of Financial Management (OFM) conducted surveys of primary care physicians, nurse practitioners (NPs), and physician assistants (PAs) in Washington State with the goal of assessing the size and distribution of the state's primary care workforce, and characteristics of the providers and their practices. OFM was interested in estimating the potential impact of implementing the Affordable Care Act (ACA) on the primary care workforce in Washington, particularly the ACA's provision for Medicaid expansion. The surveys were designed to provide data that could be used to assess the availability of and access to primary care providers in Washington and how that might change following implementation of the ACA.

Based on an analysis by the Urban Institute,<sup>1</sup> about 328,000 more individuals are expected to enroll in Medicaid in Washington State as a result of the ACA implementation. The influx of so many newly covered individuals raises the possibility of increased demand for primary care services, especially in areas that are already underserved. This report provides results of the analyses of data from the OFM primary care provider surveys.

## METHODS

The findings presented in this report resulted from analyses of data from OFM's surveys of primary care physicians, NPs, and PAs by the University of Washington Center for Health Workforce Studies (UW CHWS). The survey questionnaires were mailed to all providers of each type identified in the state. The questions asked of each provider type were identical, with a few exceptions due to differences in specialties and scope of practice. Weights were assigned to the survey data to account for non-response. The survey questionnaires were developed internally by OFM in consultation with the UW CHWS. All analyses in this report were conducted using weighted data. Copies of the survey questionnaires are available in this report's Appendix.

OFM's sampling methodology involved the following processes. In 2011, the survey contractor obtained a list of all allopathic and osteopathic physicians in the 2011 American Medical Association (AMA) Physician Masterfile who met the study's selection criteria for practice status and specialties. This list included all physicians who were currently active, who had a current mailing address in Washington State, and had a specialty in general medicine, family medicine,

internal medicine, pediatrics, obstetrics/gynecology, or geriatrics. The survey questionnaire contained further selection criteria that were used to retain in the sample only those physicians who were providing ambulatory care in Washington. In order to exclude those internists, obstetrician/gynecologists, pediatricians, and geriatricians who might not be providing primary care, only those physicians identified as generalists within their specialty were selected for inclusion in the survey. Of the 7,310 physicians identified in the AMA data and who were mailed questionnaires, 3,471 (47.5%) returned questionnaires. Of the respondents, a total of 2,659 were determined to meet the study criteria and were included in the analyses. Application of weights to the physician data resulted in a weighted total of 5,498 physician primary care providers.

In 2012, OFM compiled a list of advanced registered nurse practitioners (ARNPs) with mailing addresses in Washington from the Department of Health (DOH) August 2011 database for licensed health professionals. Of the 4,500 ARNPs who were mailed questionnaires, 2,292 (50.9%) responded. The additional selection criteria in the survey questionnaire were used to select only those who were NPs and who were currently practicing in primary care in Washington. As a result, 874 NP respondents met the criteria and formed the basis for the NP portion of the analyses. When weighted, the total number of NPs analyzed was 1,717.

Similarly in 2012, OFM compiled from the same DOH database a list of PAs with a mailing address in Washington. Of the 2,347 PAs who were mailed questionnaires, 1,046 (44.6%) responded. The additional selection criteria in the survey questionnaire were used to select only those PAs who were currently practicing in primary care in Washington. As a result, 389 PA respondents met the study criteria and formed the basis for the PA portion of the analyses. When weighted, the total number of PAs analyzed was 851.

Some of the variables in the original survey data contained a varying but small amount of non-responses (missing values). For variables of key interest, OFM performed imputation on the non-responses. The imputation was performed using the SAS multiple imputation procedure (PROC MI). Numeric and character variables were imputed using somewhat different approaches. All numeric variables that needed imputation were imputed simultaneously with the default MCMC method. Character variables were imputed one at a time using the logistic regression method. Covariates for the logistic regression models included mostly age, gender, and region. The imputed values from the first iteration of the MI procedure were retained in the final analysis file. For analyses in this report, variables for which OFM imputed missing values were used when available.

1. The ACA Medicaid Expansion in Washington. [http://www.hca.wa.gov/hcr/documents/ACA\\_Medicaid\\_Expansion\\_WA\\_State.pdf](http://www.hca.wa.gov/hcr/documents/ACA_Medicaid_Expansion_WA_State.pdf).



Provider data for regions of the state were analyzed using the Workforce Development Area (WDA) region system. Each county in the state was assigned to one of twelve WDAs.

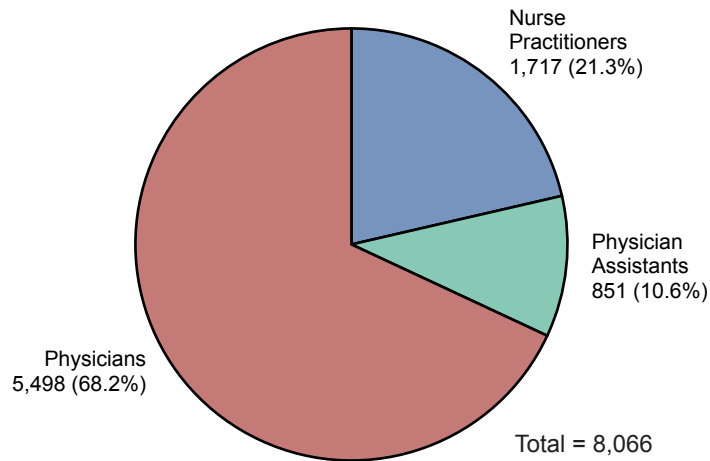
For analyses requiring full-time equivalent (FTE) information, UW CHWS used a variable created by OFM that contained calculated FTE based on number of weeks practicing per year and number of hours spent in practice activities per week in Washington State. A dichotomous variable indicating full-time/part-time work status was created using the OFM continuous variable, with any provider having an FTE of less than 1.0 being considered part time.

For calculations that were based on a categorical variable with value choices of “all,” “most,” “about half,” “less than half,” and “none,” the values were assigned the following numeric percentages: all = 100%, most = 75%, about half = 50%, less than half = 25%, and none = 0%.

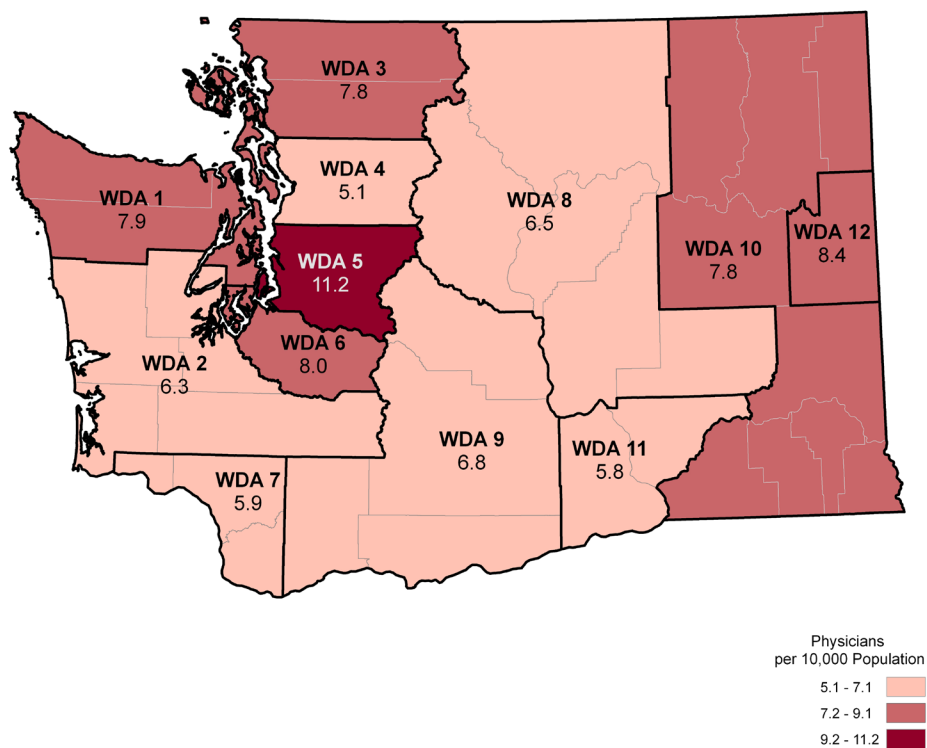


## Supply Size and Distribution

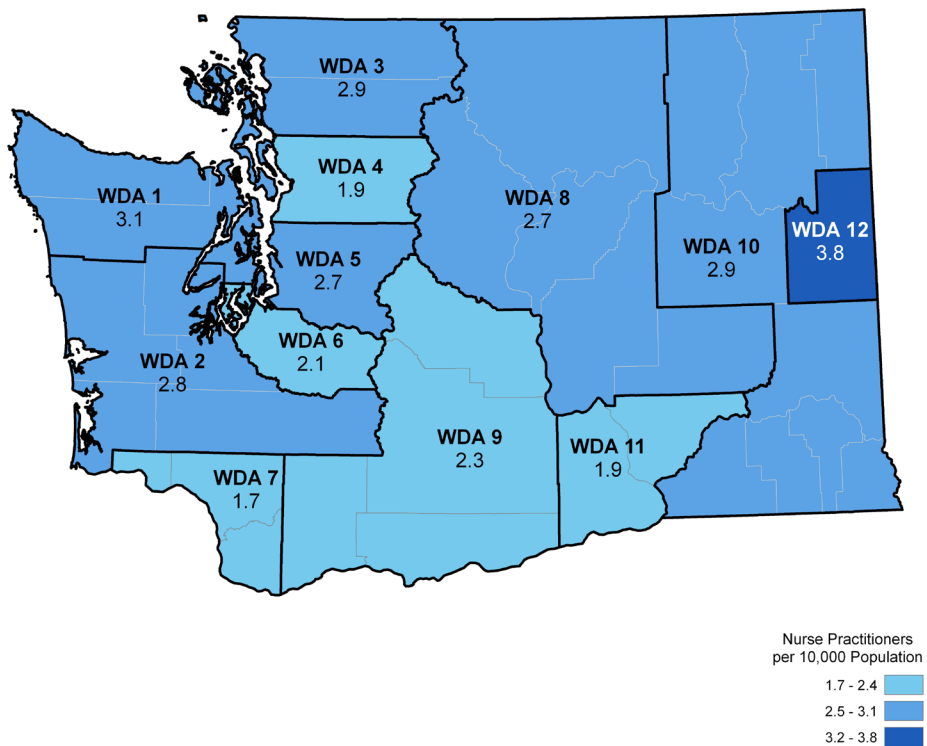
**Figure 1. Statewide Supply of Primary Care Providers in Washington by Provider Type**



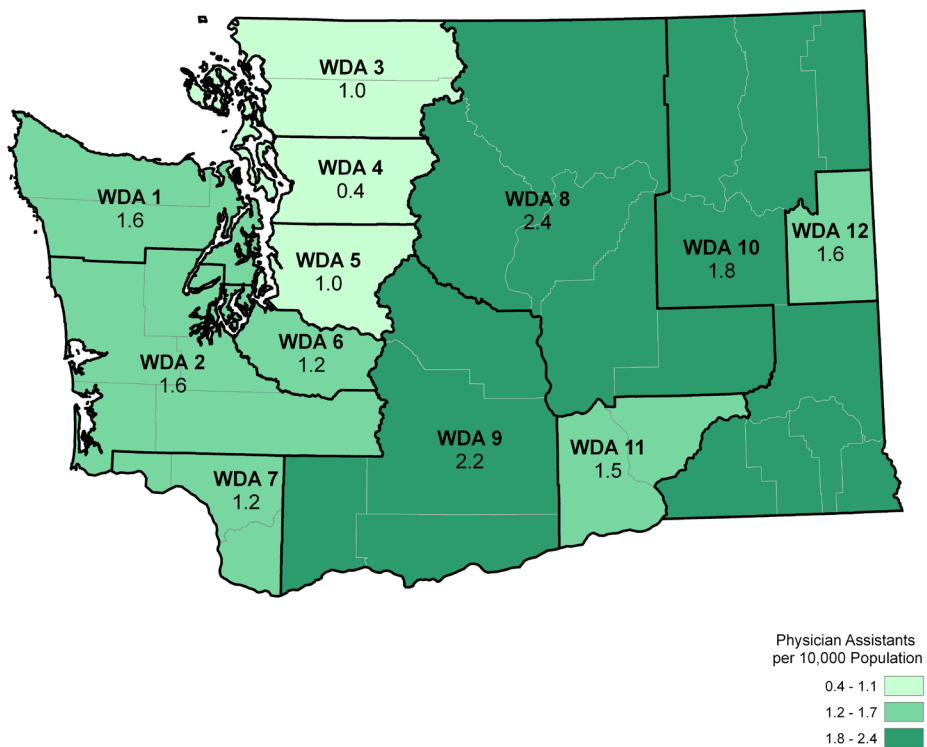
**Figure 2. Per Capita Supply of Primary Care Physicians in Washington by Workforce Development Area**



**Figure 3. Per Capita Supply of Primary Care Nurse Practitioners in Washington by Workforce Development Area**



**Figure 4. Per Capita Supply of Primary Care Physician Assistants in Washington by Workforce Development Area**



**Table 1. Primary Care Provider Supply within WDAs\***

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total providers†	8,066	447	517	481	532	2,901	908	471	305	361	258	238	647
Physicians													
Total N‡	5,498	280	304	322	365	2,181	639	315	170	216	161	150	395
% of all primary care providers	68.2%	62.6%	58.8%	66.9%	68.6%	75.2%	70.4%	66.9%	55.7%	59.8%	62.4%	63.0%	61.1%
Nurse practitioners													
Total N‡	1,717	112	136	118	137	520	171	91	72	74	60	48	178
% of all primary care providers	21.3%	25.1%	26.3%	24.5%	25.8%	17.9%	18.8%	19.3%	23.6%	20.5%	23.3%	20.2%	27.5%
Physician assistants													
Total N‡	851	55	77	41	30	200	98	65	63	71	37	40	74
% of all primary care providers	10.6%	12.3%	14.9%	8.5%	5.6%	6.9%	10.8%	13.8%	20.7%	19.7%	14.3%	16.8%	11.4%
Per capita													
2011 estimated population	6,767,900	355,550	485,000	414,200	717,000	1,942,600	802,150	534,700	261,600	317,650	206,400	258,400	472,650
Physicians per 10,000 population	8.1	7.9	6.3	7.8	5.1	11.2	8.0	5.9	6.5	6.8	7.8	5.8	8.4
NPs per 10,000 population	2.5	3.1	2.8	2.9	1.9	2.7	2.1	1.7	2.7	2.3	2.9	1.9	3.8
PAs per 10,000 population	1.3	1.6	1.6	1.0	0.4	1.0	1.2	1.2	2.4	2.2	1.8	1.5	1.6

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

†Weighted number (includes physicians, NPs, and PAs).

‡ Weighted number.

Source of 2011 population estimates: Washington State Office of Financial Management (<http://www.ofm.wa.gov/pop/april1/default.asp>).

Table 2. Primary Care FTE\* Supply within WDAst

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total FTEs†	6,990.6	390.4	440.2	412.2	450.9	2,480.3	819.3	419.9	272.3	328.8	228.3	203.0	544.9
Physicians													
Total FTEs§	4,866.6	256.7	261.5	283.2	320.5	1,895.1	587.9	285.8	155.3	201.6	145.8	130.3	343.0
% of all primary care providers	69.6%	65.8%	59.4%	68.7%	71.1%	76.4%	71.8%	68.1%	57.0%	61.3%	63.8%	64.2%	62.9%
Nurse practitioners													
Total FTEs§	1,376.5	85.1	111.0	94.9	103.5	416.9	142.9	75.5	59.8	63.7	47.1	39.3	136.6
% of all primary care providers	19.7%	21.8%	25.2%	23.0%	23.0%	16.8%	17.4%	18.0%	22.0%	19.4%	20.6%	19.4%	25.1%
Physician assistants													
Total FTEs§	747.5	48.6	67.7	34.1	26.9	168.3	88.5	58.6	57.2	63.5	35.5	33.4	65.3
% of all primary care providers	10.7%	12.4%	15.4%	8.3%	6.0%	6.8%	10.8%	14.0%	21.0%	19.3%	15.5%	16.5%	12.0%
Per capita													
2011 estimated population	6,767,900	355,550	485,000	414,200	717,000	1,942,600	802,150	534,700	261,600	317,650	206,400	258,400	472,650
Physician FTEs per 10,000 population	7.2	7.2	5.4	6.8	4.5	9.8	7.3	5.3	5.9	6.4	7.1	5.0	7.3
NP FTEs per 10,000 population	2.0	2.4	2.3	2.3	1.4	2.2	1.8	1.4	2.3	2.0	2.3	1.5	2.9
PA FTEs per 10,000 population	1.1	1.4	1.4	0.8	0.4	0.9	1.1	1.1	2.2	2.0	1.7	1.3	1.4

\* FTEs were calculated by OFM based on number of provider practice hours per week and number of weeks spent practicing in one year in Washington State.

† Counties comprising WDAs: 1 = Cullam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark;

8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

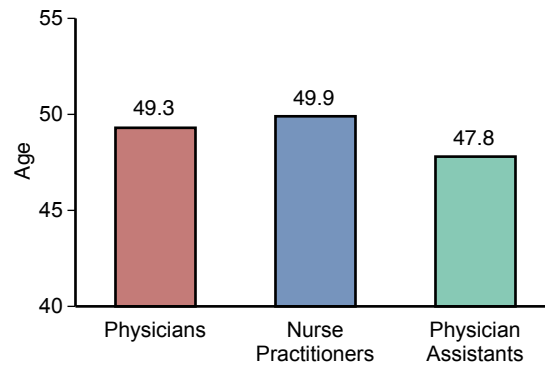
‡ Weighted number (includes physician, NP, and PA FTEs).

§ Weighted number.

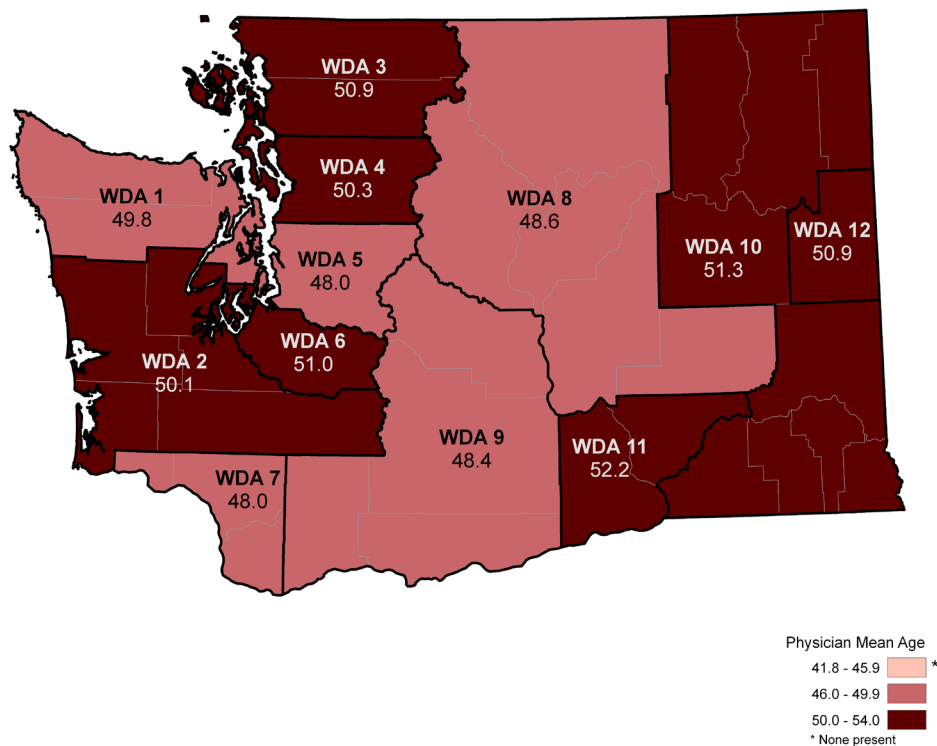
Source of 2011 population estimates: Washington State Office of Financial Management (<http://www.ofm.wa.gov/pop/april1/default.asp>).

## Demographics

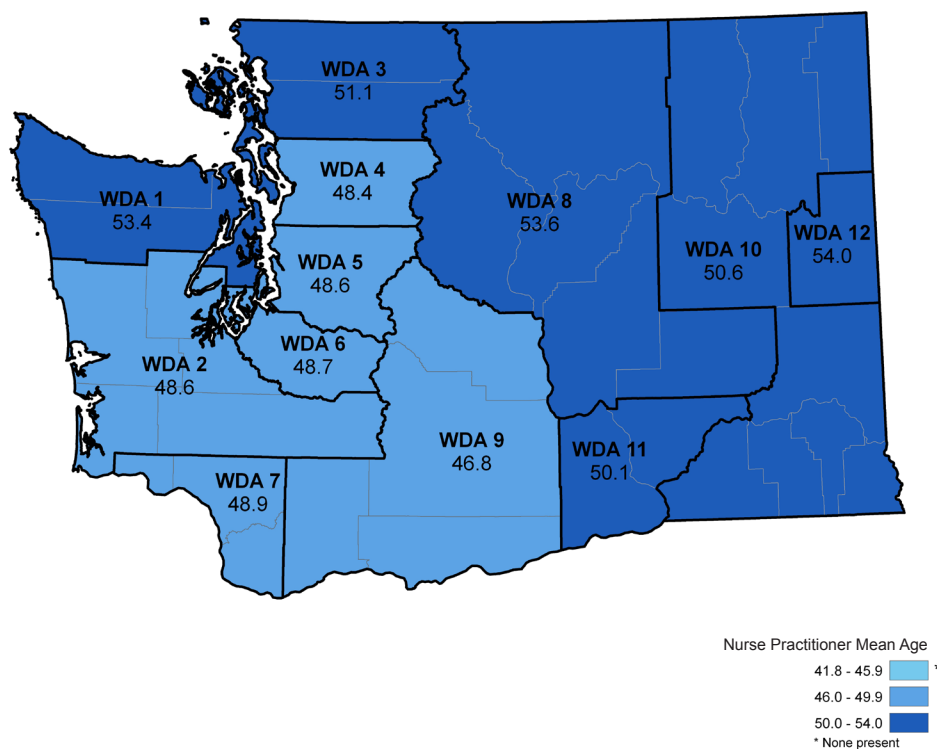
**Figure 5. Average Age of Primary Care Providers in Washington**



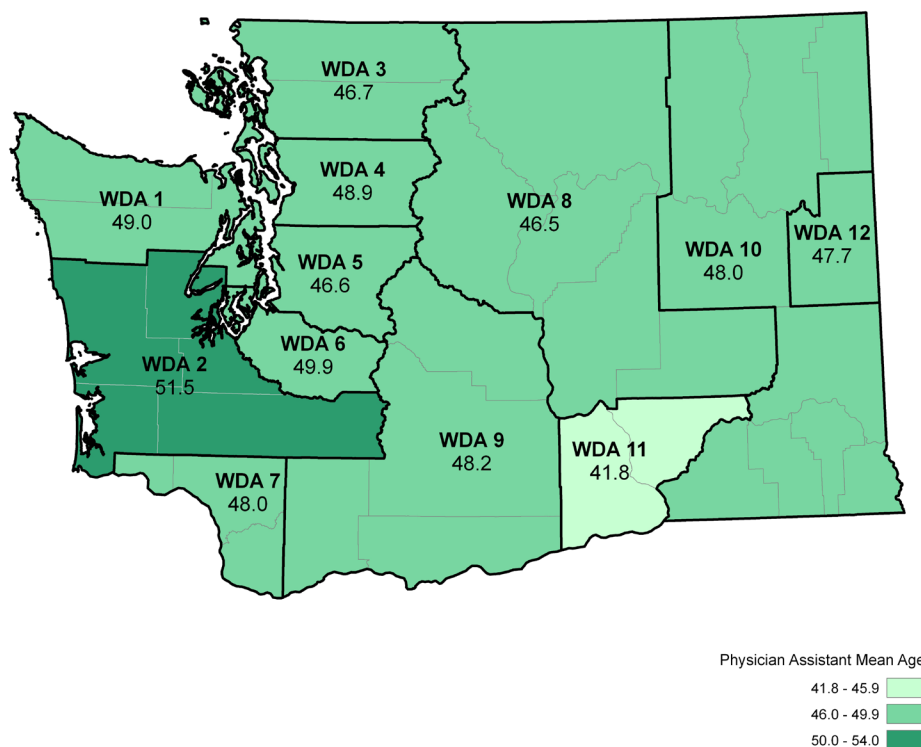
**Figure 6. Average Age of Primary Care Physicians in Washington by Workforce Development Area**



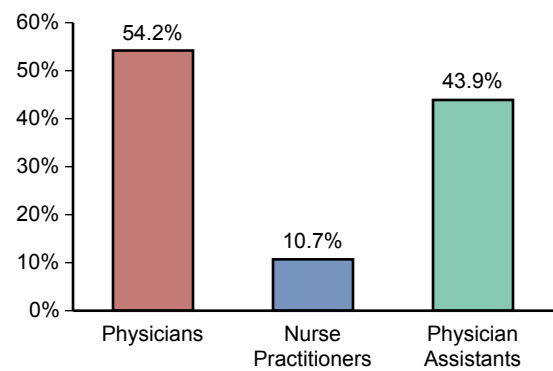
**Figure 7. Average Age of Primary Care Nurse Practitioners in Washington by Workforce Development Area**



**Figure 8. Average Age of Primary Care Physician Assistants in Washington by Workforce Development Area**



**Figure 9. Percent of Primary Care Providers in Washington Who Are Male**



**Figure 10. Percent of Primary Care Providers in Washington Who Are Non-white or Hispanic**

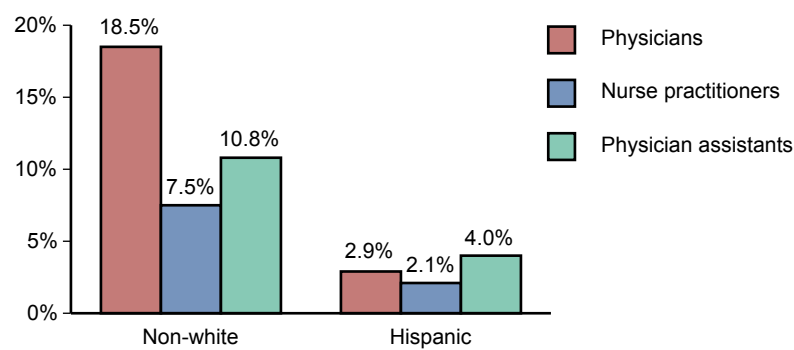




Table 3. Demographic Characteristics of Primary Care Providers in Washington by WDA\*

Physicians	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total NT†	5,498	280	304	322	365	2,181	638	315	170	216	161	150	395
% of total	100.0%	5.1%	5.5%	5.9%	6.6%	39.7%	11.6%	5.7%	3.1%	3.9%	2.9%	2.7%	7.2%
Age (mean)	49.3	49.8	50.1	50.9	50.3	48.0	51.0	48.0	48.6	48.4	51.3	52.2	50.9
Male	54.2%	61.1%	54.8%	60.4%	58.4%	43.2%	59.2%	54.2%	69.1%	69.2%	70.8%	71.2%	65.2%
Non-white	18.5%	15.2%	20.1%	6.0%	18.6%	21.0%	22.6%	17.2%	11.4%	12.9%	13.9%	42.1%	8.6%
Hispanic	2.9%	2.1%	3.5%	3.9%	4.7%	2.8%	2.2%	0.0%	2.8%	3.5%	4.0%	6.1%	2.0%
Residing in WA State	99.0%	99.3%	100.0%	99.4%	99.4%	99.7%	99.1%	90.0%	100.0%	100.0%	98.0%	100.0%	100.0%
Nurse practitioners													
Total NT†	1,717	112	136	118	137	520	171	91	72	74	60	48	178
% of total	100.0%	6.5%	7.9%	6.9%	8.0%	30.3%	10.0%	5.3%	4.2%	4.3%	3.5%	2.8%	10.4%
Age (mean)	49.9	53.4	48.6	51.1	48.4	48.6	48.7	48.9	53.6	46.8	50.6	50.1	54.0
Male	10.7%	13.4%	3.4%	14.5%	10.7%	9.0%	16.5%	5.3%	6.1%	11.6%	14.0%	15.3%	13.8%
Non-white	7.5%	5.7%	4.5%	5.0%	11.3%	10.4%	8.8%	4.9%	2.3%	8.1%	0.0%	14.0%	3.4%
Hispanic	2.1%	1.7%	3.5%	1.4%	0.0%	2.1%	1.3%	2.1%	2.4%	3.0%	4.2%	8.0%	1.2%
Residing in WA State	98.4%	100.0%	100.0%	98.5%	100.0%	99.6%	100.0%	91.7%	100.0%	94.2%	93.6%	100.0%	96.1%
Physician assistants													
Total NT†	851	55	77	41	30	200	98	65	63	71	37	40	74
% of total	100.0%	6.5%	9.1%	4.8%	3.5%	23.5%	11.5%	7.6%	7.4%	8.4%	4.3%	4.7%	8.7%
Age (mean)	47.8	49.0	51.5	46.7	48.9	46.6	49.9	48.0	46.5	48.2	48.0	41.8	47.7
Male	43.9%	61.9%	39.6%	23.6%	37.5%	31.7%	46.4%	57.5%	50.1%	39.1%	70.4%	52.5%	47.5%
Non-white	10.8%	16.0%	5.0%	10.9%	0.0%	21.6%	10.1%	10.5%	4.0%	8.8%	6.0%	4.8%	2.4%
Hispanic	4.0%	7.3%	2.7%	0.0%	0.0%	2.5%	7.6%	0.0%	3.2%	6.9%	0.0%	11.8%	5.6%
Residing in WA State	98.5%	100.0%	100.0%	95.1%	100.0%	100.0%	100.0%	86.2%	100.0%	100.0%	100.0%	100.0%	97.6%

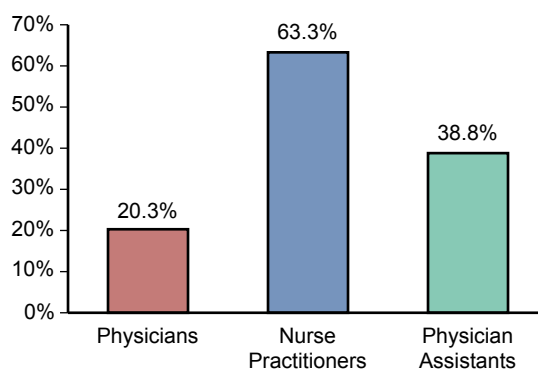
\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin;

12 = Spokane.

† Weighted number.

## Education

**Figure 11. Percent of Washington State Primary Care Providers Who Completed Professional Education\* in Washington**



\* Medical school (physicians), nurse practitioner program (nurse practitioners), physician assistant program (physician assistants).

**Table 4. Education and Specialty of Primary Care Providers in Washington**

	Physicians	NPs	PAs
Total N*	5,498	1,717	851
Source of medical/professional education†			
Washington State	20.3%	63.3%	38.8%
Other state	66.5%	36.5%	60.4%
Foreign country	13.2%	0.1%	0.8%
Residency/internship or other clinical training experience‡			
Washington State	41.1%	68.5%	52.2%
Rural community	11.8%	43.1%	64.5%
Inner-city community	31.9%	45.5%	42.1%
Predominantly minority community	14.9%	26.1%	31.6%
None of the above	28.1%	7.0%	11.2%
Primary specialty: physicians and physician assistants			
Family medicine	50.1%	N/A	77.2%
General practice	2.4%	N/A	6.9%
General internal medicine	21.1%	N/A	9.2%
General pediatrics	14.7%	N/A	1.7%
General obstetrics/gynecology	10.5%	N/A	4.5%
General geriatrics	1.3%	N/A	0.5%
Primary specialty: nurse practitioners			
Adult health	N/A	18.2%	N/A
Family health	N/A	50.4%	N/A
Pediatrics	N/A	10.2%	N/A
Women's health	N/A	17.3%	N/A
Geriatrics	N/A	3.9%	N/A

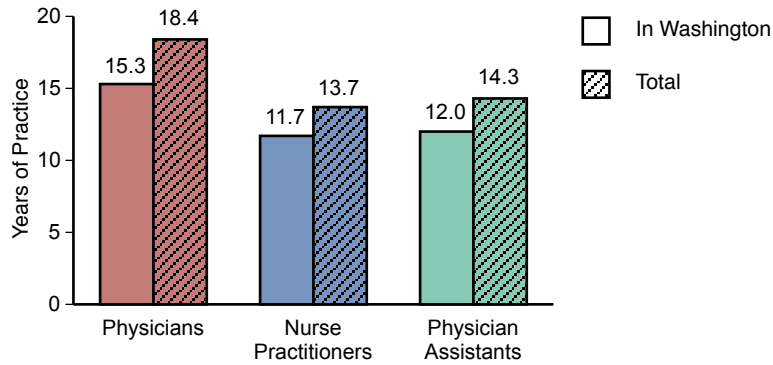
\* Weighted number.

† Medical school (physicians), nurse practitioner program (nurse practitioners), physician assistant program (physician assistants).

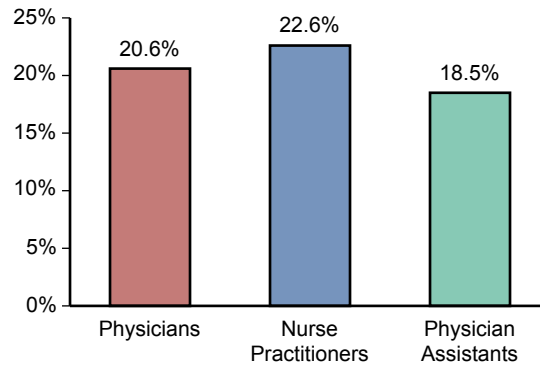
‡ Categories not mutually exclusive.

## Practice Characteristics

**Figure 12. Average Years of Practice Among Primary Care Providers in Washington**

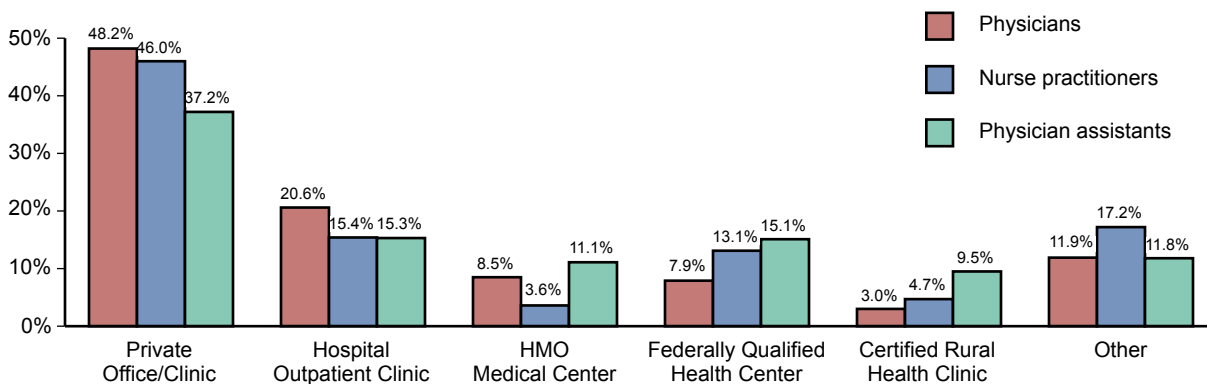


**Figure 13. Percent of Primary Care Providers in Washington Planning to Retire within Five Years\***



\* The values above include respondents identifying themselves as retired but still engaged in patient care: 0.5% of physician, 2.3% of nurse practitioner, and 1.1% of physician assistant respondents.

**Figure 14. Main Practice Setting of Primary Care Providers in Washington**



**Table 5. Practice Characteristics of Primary Care Providers in Washington**

	Physicians	NPs	PAs
Total N*	5,498	1,717	851
Language used for clinical practice			
English only	64.9%	75.9%	72.2%
English and Spanish	16.9%	16.5%	19.3%
English and Spanish and others	3.4%	1.4%	3.3%
English and non-Spanish others	14.8%	6.2%	5.1%
Years of practice in U.S. (mean)	18.4	13.7	14.3
Years of practice in WA State (mean)	15.3	11.7	12.0
Planning to retire within 5 years†	20.6%	22.6%	18.5%
# WA sites in which practitioners provide direct patient care (mean)	1.3	1.4	1.4
# WA sites in which practitioners provide direct patient care			
1 site	76.6%	74.0%	74.3%
2 sites	16.6%	17.8%	19.0%
3 sites	4.1%	4.0%	3.4%
4 sites	1.2%	1.8%	1.0%
5 sites	1.4%	2.5%	2.3%
Main site provides mostly primary care	87.6%	89.3%	92.7%

\* Weighted number.

† These values include respondents identifying themselves as retired but still engaged in patient care: 0.5% of physician, 2.3% of nurse practitioner, and 1.1% of physician assistant respondents.

**Table 6. Characteristics of Main Practice of Primary Care Providers in Washington**

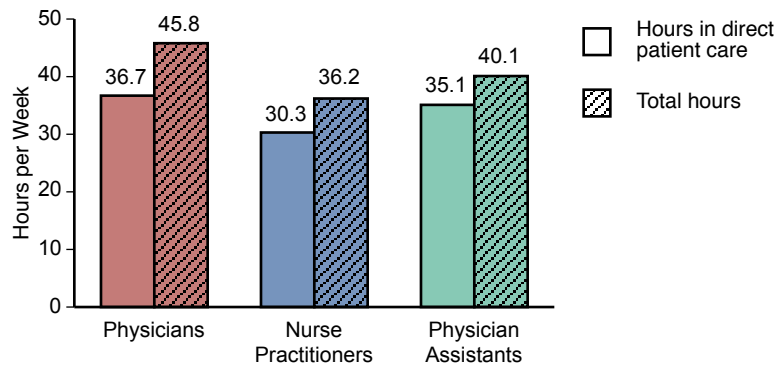
	Physicians	NPs	PAs
Total N*	5,498	1,717	851
Main site practice setting			
Private physician office/clinic	48.2%	46.0%	37.2%
Hospital outpatient clinic	20.6%	15.4%	15.3%
HMO medical center	8.5%	3.6%	11.1%
Federally qualified health center (FQHC)	7.9%	13.1%	15.1%
Certified rural health clinic (RHC)	3.0%	4.7%	9.5%
Other office or clinic	11.9%	17.2%	11.8%
# Providers at main site by specialty (mean)			
Physicians	11.7	6.8	8.9
ARNPs (not CNM)	1.3	3.0	1.1
PAs	1.2	1.1	2.8
Licensed midwives	0.1	0.1	0.1
Certified nurse midwives (CNM-ARNP)	0.2	0.5	0.2
Providers practicing with no other providers at main practice site†	689 (12.5%)	137 (8.2%)	11 (1.3%)
Needs interpreter (main site only)	63.9%	61.1%	61.9%
If needs interpreter, % with inadequate access	18.1%	18.2%	16.3%

\* Weighted number.

† Providers include all physicians, ARNPs, PAs, licensed midwives, and certified nurse midwives (CNM-ARNPs).

## Practice Activities

**Figure 15. Average Hours Worked per Week\* by Primary Care Providers in Washington**



\* During last typical week.

**Table 7. Practice History of Primary Care Providers in Washington**

	Physicians	NPs	PAs
Total N*	5,498	1,717	851
Started Washington practice in 2010 or later (physicians) or 2011 or later (NPs and PAs)	7.2%	10.2%	3.7%
Time spent in primary care (as part of all direct patient care)			
All	65.6%	51.6%	69.3%
Most	19.3%	31.4%	22.6%
About half	4.1%	7.1%	3.0%
Less than half	7.8%	7.5%	3.7%
None	3.2%	2.4%	1.4%

\* Weighted number.

**Table 8. Practice Activities and Volume of Primary Care Providers within Washington State (All Full and Part Time)**

	Physicians	NPs	PAs
Total N*	5,498	1,717	851
Within last typical week, hours in provider activities (mean)			
Direct patient care	36.7	30.3	35.1
Administration of clinical practice	5.1	4.0	3.4
Other provider activities	3.9	1.9	1.7
Total hours of provider activity	45.8	36.2	40.1
Weeks spent as provider in 2010 (physicians) or 2011 (NPs and PAs) (mean)	45.9	44.2	46.5
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs) (mean)	1,677	1,362	1,683
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs) (median)	1,500	800	1,108
All WA State sites, # of weekly visits in last typical week (mean)			
Office and outpatient clinics			
% with any visit	96.3%	92.7%	94.8%
# with any visit	5,290	1,593	807
# of visits among providers with visits (median)	70.0	55.9	72.0
Hospital rounds			
% with any hospital rounds	44.3%	9.9%	7.2%
# with any hospital rounds	2,434	170	61
# of visits among providers with visits (median)	8.0	4.5	6.0
Nursing homes and patient homes			
% with any visit to nursing homes or patient homes	20.5%	10.2%	6.1%
# with any visit to nursing homes or patient homes	1,124	175	52
# of visits among providers with visits (median)	3.0	10.0	2.0
Telephone consultations			
% with any telephone consultations	61.0%	57.4%	51.5%
# with any telephone consultations	3,350	986	439
# of visits among providers with visits (median)	10.0	9.7	10.0
E-mail/other electronic consults			
% with any e-mail/other electronic consults	37.9%	29.2%	30.8%
# with any e-mail/other electronic consults	2,084	502	262
# of visits among providers with visits (median)	10.0	6.0	10.0
Total visits, all types			
% with any visit	98.3%	97.7%	97.8%
# with any visit	5,402	1,678	832
# of visits among providers with visits (median)	85.0	64.0	80.0
Total # weekly patient visits: all types	502,366	121,474	71,728

\* Weighted number.

**Table 9. Practice Activities and Volume of Primary Care Providers within Washington State (Full Time Only)**

	Physicians	NPs	PAs
Total N*	3,771	880	535
Within last typical week, hours in provider activities (mean)			
Direct patient care	41.7	38.1	40.2
Administration of clinical practice	6.2	5.6	4.0
Other provider activities	4.8	2.8	2.2
Total hours of provider activity	52.6	46.4	46.4
Weeks spent as provider in 2010 (physicians) or 2011 (NPs and PAs) (mean)	47.2	47.0	48.4
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs)(mean)	1,764	1,621	1,873
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs) (median)	1,500	1,000	1,329
All WA State sites, # of weekly visits in last typical week			
Office and outpatient clinics			
% with any visit	96.1%	91.8%	94.6%
# with any visit	3,623	808	506
# of visits among providers with visits (median)	75.0	70.0	80.0
Hospital rounds			
% with any hospital rounds	48.1%	10.4%	7.0%
# with any hospital rounds	1,812	91	37
# of visits among providers with visits (median)	8.0	4.0	8.0
Nursing homes and patient homes			
% with any visit to nursing homes or patient homes	22.0%	12.6%	5.4%
# with any visit to nursing homes or patient homes	830	111	29
# of visits among providers with visits (median)	3.0	11.0	2.0
Telephone consultations			
% with any telephone consultations	61.5%	57.6%	48.9%
# with any telephone consultations	2,319	507	262
# of visits among providers with visits (median)	10.0	10.0	10.0
E-mail/other electronic consults			
% with any e-mail/other electronic consults	38.2%	35.7%	32.7%
# with any e-mail/other electronic consults	1,441	314	175
# of visits among providers with visits (median)	10.0	8.0	10.0
Total visits, all types			
% with any visit	98.3%	98.3%	98.0%
# with any visit	3,706	865	524
# of visits among providers with visits (median)	91.0	75.0	86.4
Total # weekly patient visits: all types	370,098	72,609	49,226

\* Weighted number.



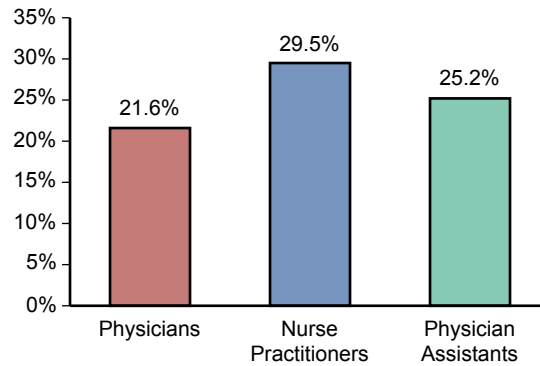
**Table 10. Practice Activities and Volume of Primary Care Providers within Washington State (Part Time Only)**

	Physicians	NPs	PAs
Total N*	1,675	817	307
Within last typical week, hours in provider activities (mean)			
Direct patient care	24.8	22.1	26.0
Administration of clinical practice	2.6	2.2	2.4
Other provider activities	1.8	1.0	0.7
Total hours of provider activity	29.2	25.3	29.1
Weeks spent as provider in 2010 (physicians) or 2011 (NPs and PAs) (mean)	43.2	41.1	43.2
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs) (mean)	1,481	1,081	1,348
Panel size/# unique patients seen in all WA practice sites in 2010 (physicians) or 2011 (NPs and PAs) (median)	1,200	500	759
All WA State sites, # of weekly visits in last typical week (mean)			
Office and outpatient clinics			
% with any visit	96.4%	93.6%	95.0%
# with any visit	1,615	765	292
# of visits among providers with visits (median)	54.0	42.0	50.0
Hospital rounds			
% with any hospital rounds	35.6%	9.5%	7.3%
# with any hospital rounds	597	78	22
# of visits among providers with visits (median)	5.0	4.6	6.0
Nursing homes and patient homes			
% with any visit to nursing homes or patient homes	16.7%	7.8%	6.9%
# with any visit to nursing homes or patient homes	280	64	21
# of visits among providers with visits (median)	4.0	9.0	2.0
Telephone consultations			
% with any telephone consultations	59.9%	57.1%	56.7%
# with any telephone consultations	1,004	466	174
# of visits among providers with visits (median)	10.0	6.0	9.0
E-mail/other electronic consults			
% with any e-mail/other electronic consults	37.0%	21.8%	28.4%
# with any e-mail/other electronic consults	620	178	87
# of visits among providers with visits (median)	10.0	5.0	10.0
Total visits, all types			
% with any visit	98.2%	97.1%	97.3%
# with any visit	1,644	793	299
# of visits among providers with visits (median)	68.0	50.0	61.0
# Weekly patient contact: all types	127,432	47,929	21,723

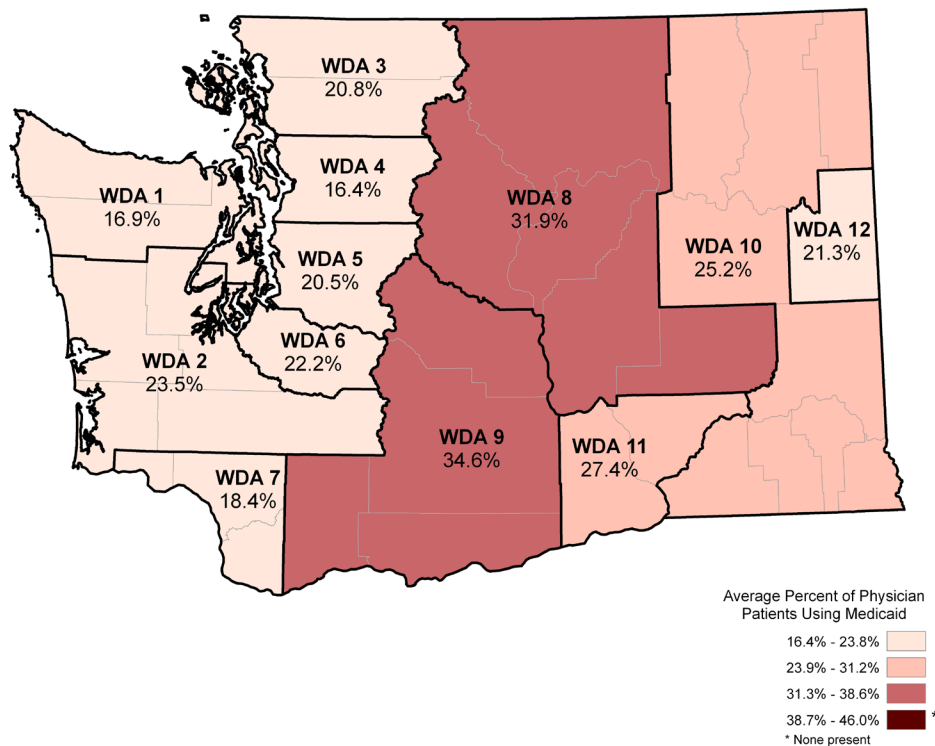
\* Weighted number.

## Medicaid Involvement

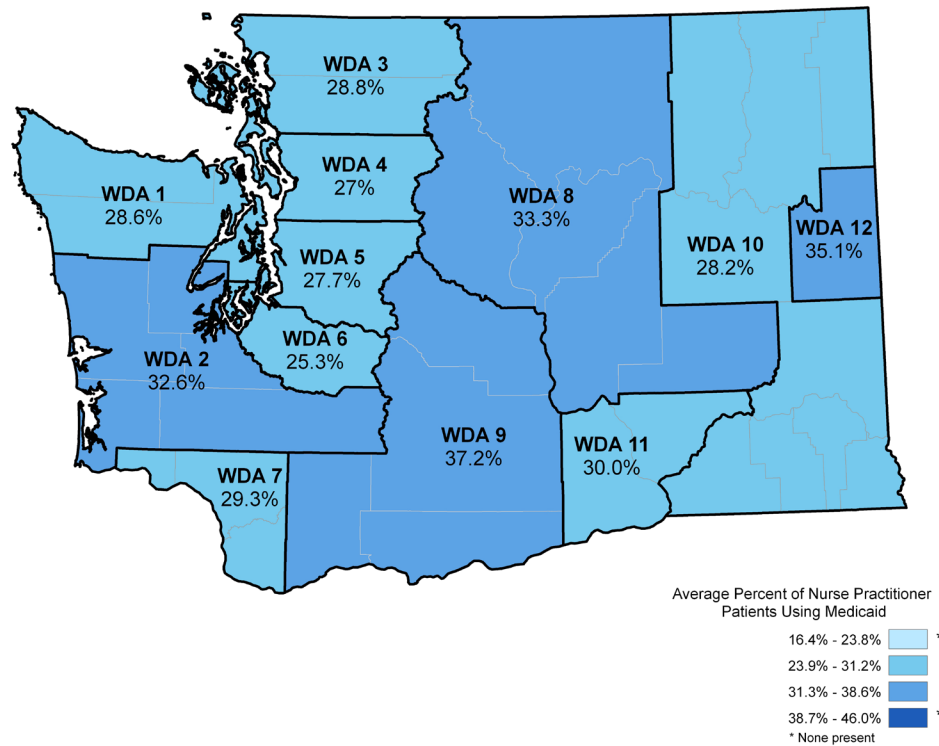
**Figure 16. Average Percent of Patients Covered by Medicaid Among Primary Care Providers in Washington**



**Figure 17. Average Percent of Patients Covered by Medicaid Among Primary Care Physicians in Washington, by Workforce Development Area**



**Figure 18. Average Percent of Patients Covered by Medicaid Among Primary Care Nurse Practitioners in Washington, by Workforce Development Area**



**Figure 19. Average Percent of Patients Covered by Medicaid Among Primary Care Physician Assistants in Washington, by Workforce Development Area**

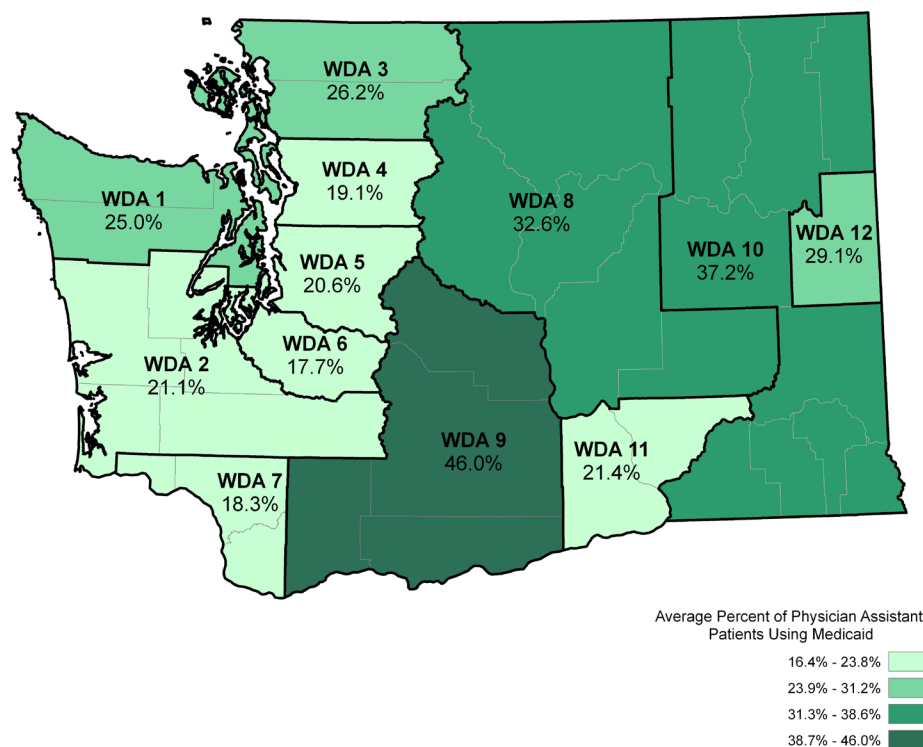


Figure 20. Percent of Primary Care Providers in Washington Accepting New Patients

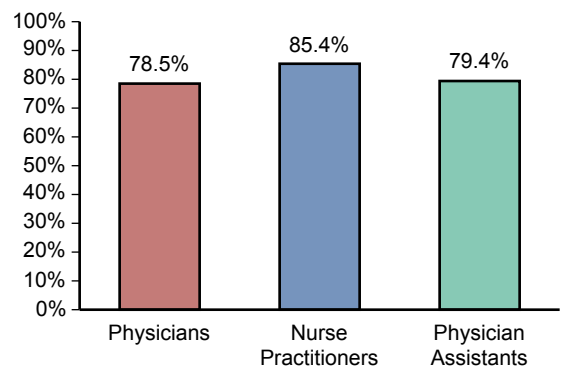
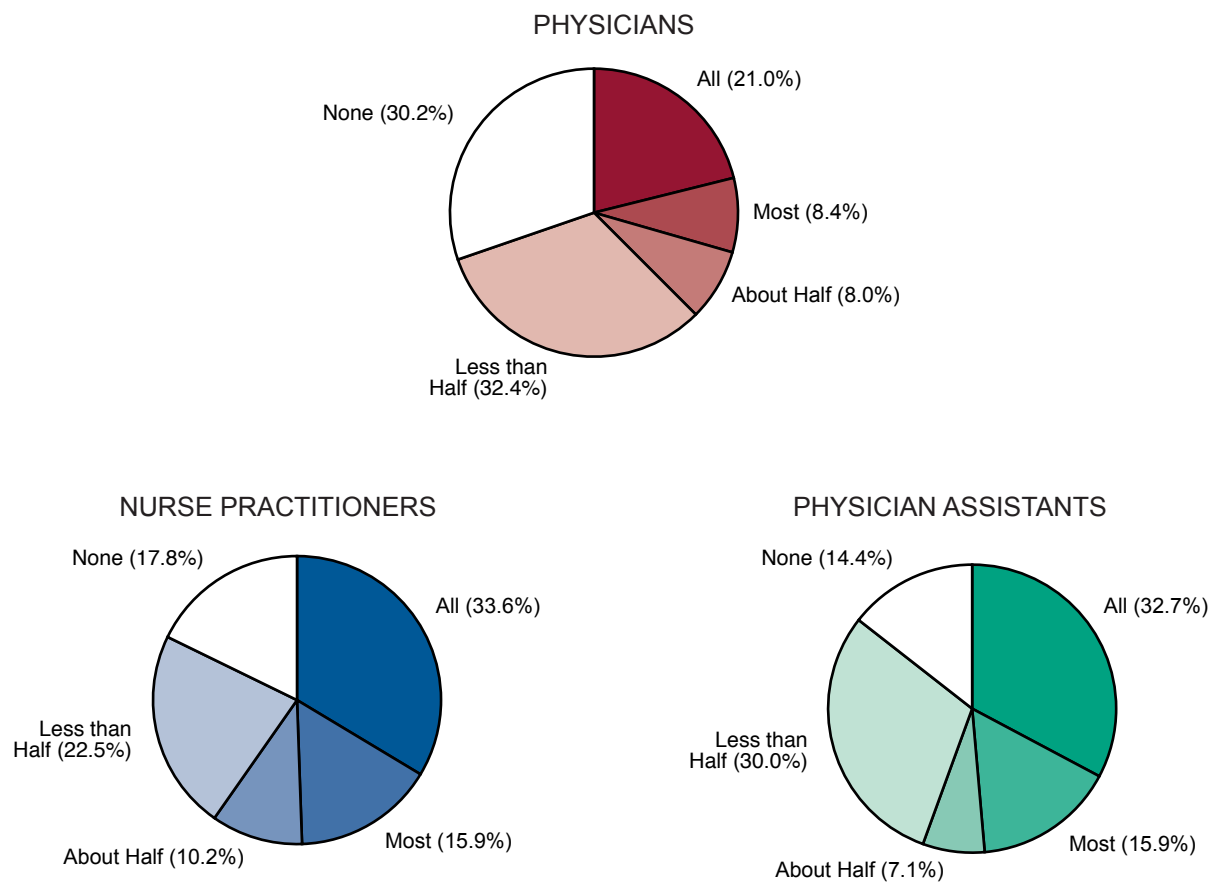
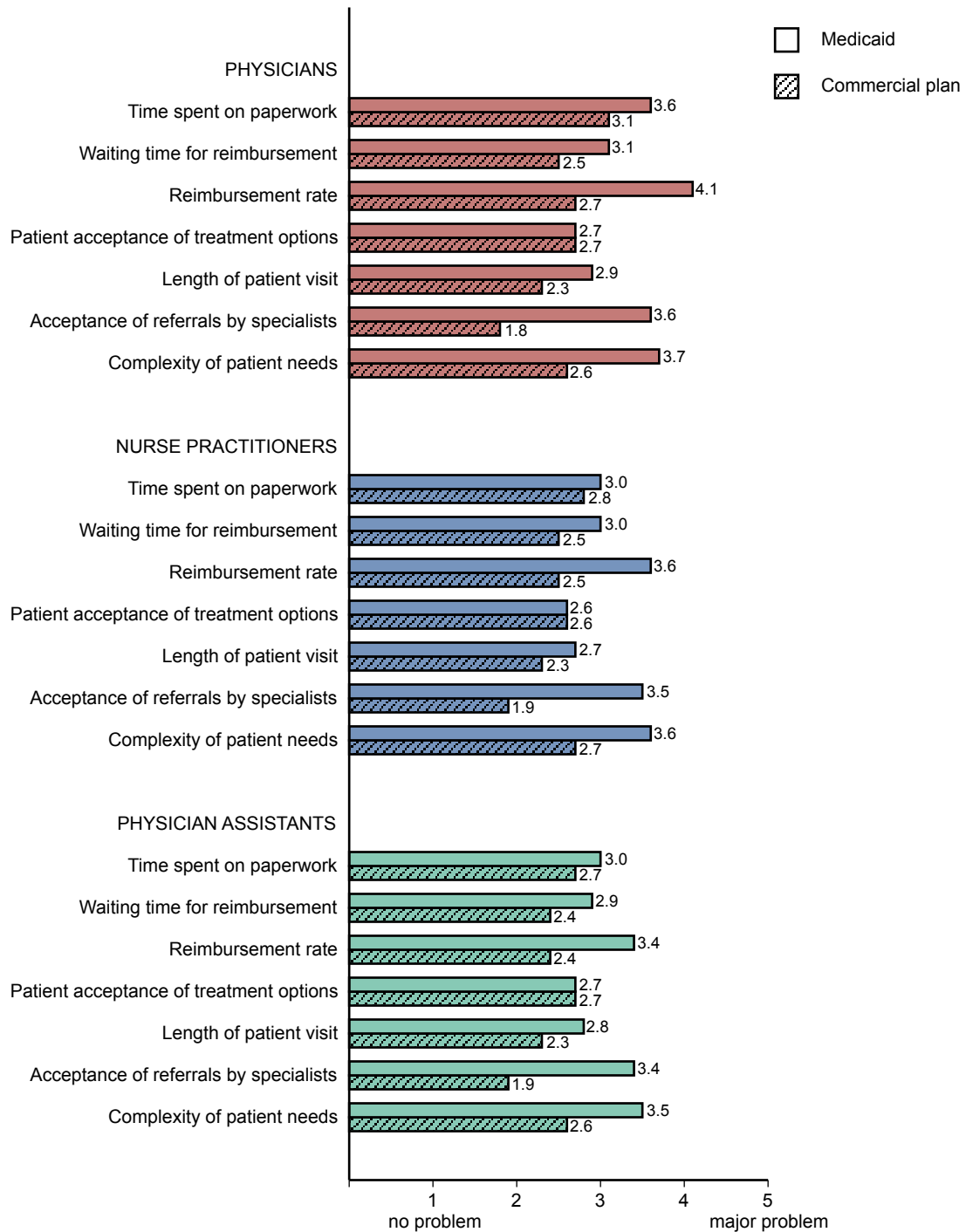


Figure 21. Percent of New Patients Providers Are Willing to Accept as Medicaid Patients\*



\* Among providers accepting new patients.

**Figure 22. Rating of Insurance-Related Problems for Factors Affecting Primary Care Providers' Practices in Washington**  
(mean of problem scale with 1 = no problem and 5 = major problem)



**Table 11. Medicaid Load and Estimated Potential to Accept New Patients Among Primary Care Physicians in Washington (Overall and by WDA\*)**

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total NT† (physicians)	5,498	280	304	322	365	2,181	638	315	170	216	161	150	395
Of all patients, average % of patients covered by Medicaid (all WA sites)	21.6%	16.9%	23.5%	20.8%	16.4%	20.5%	22.2%	18.4%	31.9%	34.6%	25.2%	27.4%	21.3%
% of providers accepting new patients (main WA site)	78.5%	75.7%	72.8%	68.7%	82.1%	80.9%	74.0%	71.6%	82.6%	89.9%	84.1%	80.5%	78.7%
Total # of providers accepting new patients (main WA site)	4,318	212	221	221	299	1,763	473	226	140	195	136	121	311
If accepting new patients, # of new patients (mean)	419	436	339	408	429	412	442	470	477	367	350	546	425
If accepting new patients, # of new patients (median)	286	277	200	334	304	273	358	298	317	217	222	488	200
If accepting new patients, total # of new patients (main WA site)	1,810,830	92,408	74,879	90,156	128,346	726,475	208,686	106,025	66,889	71,337	47,491	66,035	132,105
If accepting new patients, % of all new patients providers would be willing to accept as Medicaid (mean)													
All	21.0%	20.4%	13.3%	21.5%	10.6%	22.5%	21.0%	8.4%	37.2%	37.7%	29.7%	27.0%	13.6%
Most	8.4%	6.5%	6.5%	11.7%	3.1%	8.7%	8.0%	2.8%	17.5%	15.3%	8.8%	8.9%	8.0%
About half	8.0%	5.5%	4.8%	9.8%	4.2%	6.2%	7.0%	11.2%	16.4%	7.8%	14.3%	10.8%	15.7%
Less than half	32.4%	29.0%	40.0%	27.0%	41.9%	33.7%	30.8%	35.7%	22.8%	15.3%	31.7%	34.8%	30.7%
None	30.2%	38.6%	35.4%	30.1%	40.2%	28.9%	33.2%	41.9%	6.0%	23.8%	15.6%	18.4%	32.0%

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

† Weighted number.

**Table 12. Medicaid Load and Estimated Potential to Accept New Patients Among Nurse Practitioners in Washington (Overall and by WDA\*)**

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total NT (NPs)	1,717	112	136	118	137	520	171	91	72	74	60	48	178
Of all patients, average % of patients covered by Medicaid (all WA sites)	29.5%	28.6%	32.6%	28.8%	27.0%	27.7%	25.3%	29.3%	33.3%	37.2%	28.2%	30.0%	35.1%
% of providers accepting new patients (main WA site)	85.4%	77.3%	80.9%	85.4%	92.3%	84.5%	84.9%	83.0%	91.6%	88.0%	88.8%	88.7%	86.9%
Total # of providers accepting new patients (main WA site)	1,466	86	110	101	126	439	145	76	66	65	53	43	155
If accepting new patients, # of new patients (mean)	203	174	173	241	250	181	172	220	227	211	137	350	231
If accepting new patients, # of new patients (median)	52	72	50	87	50	50	56	81	47	70	50	102	55
If accepting new patients, total # of new patients (main WA site)	297,909	14,970	18,959	24,277	31,632	79,599	24,959	16,709	14,895	13,798	7,327	14,911	35,871
If accepting new patients, % of all new patients providers would be willing to accept as Medicaid (mean)													
All	33.6%	30.9%	29.5%	39.2%	28.8%	33.4%	25.6%	14.1%	50.3%	59.2%	44.0%	17.3%	39.2%
Most	15.9%	7.1%	19.2%	18.3%	17.8%	11.7%	16.1%	7.4%	21.9%	12.9%	20.5%	21.2%	26.5%
About half	10.2%	8.7%	18.1%	9.5%	4.7%	9.1%	7.8%	20.2%	17.6%	2.4%	18.7%	7.8%	8.3%
Less than half	22.5%	26.2%	17.7%	20.8%	31.0%	24.0%	30.0%	30.3%	10.2%	11.7%	10.4%	24.8%	16.3%
None	17.8%	27.1%	15.6%	12.1%	17.7%	21.8%	20.5%	28.0%	0.0%	13.8%	6.4%	28.9%	9.6%

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.  
† Weighted number.



**Table 13. Medicaid Load and Estimated Potential to Accept New Patients Among Physician Assistants in Washington (Overall and by WDA\*)**

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total NT (PAs)	851	55	77	41	30	200	98	65	63	71	37	40	74
Of all patients, average % of patients covered by Medicaid (all WA sites)	25.2%	25.0%	21.1%	26.2%	19.1%	20.6%	17.7%	18.3%	32.6%	46.0%	37.2%	21.4%	29.1%
% of providers accepting new patients (main WA site)	79.4%	69.7%	73.2%	71.8%	92.2%	77.8%	65.5%	75.8%	88.5%	90.9%	100.0%	88.2%	83.8%
Total # of providers accepting new patients (main WA site)	675	39	56	29	28	155	64	49	56	65	37	35	62
If accepting new patients, # of new patients (mean)	235	274	243	313	158	211	238	254	308	259	267	222	145
If accepting new patients, # of new patients (median)	70	100	100	49	11	50	50	90	69	99	186	63	81
If accepting new patients, total # of new patients (main WA site)	158,882	10,580	13,698	9,177	4,381	32,713	15,281	12,474	17,177	16,782	9,798	7,814	9,008
If accepting new patients, % of all new patients providers would be willing to accept as Medicaid (mean)													
All	32.7%	42.9%	25.7%	38.8%	18.9%	28.0%	19.7%	13.9%	47.0%	57.4%	70.8%	12.2%	26.0%
Most	15.9%	22.8%	12.3%	12.4%	0.0%	11.6%	7.9%	5.6%	35.5%	18.8%	17.8%	11.2%	31.8%
About half	7.1%	4.7%	7.1%	6.2%	0.0%	5.9%	3.5%	0.0%	6.4%	17.0%	4.9%	25.5%	5.7%
Less than half	30.0%	18.0%	30.2%	37.3%	35.7%	41.6%	42.5%	50.6%	7.1%	3.7%	6.5%	37.8%	30.1%
None	14.4%	11.6%	24.8%	5.3%	45.4%	13.0%	26.3%	29.9%	3.9%	3.0%	0.0%	13.4%	6.4%

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.  
† Weighted number.

**Table 14. Factors Affecting Washington's Primary Care Providers' Practices  
Related to Patient Insurance Type: Medicaid and Commercial Plan  
(mean of problem scale with 1 = no problem and 5 = major problem)**

	Physicians	NPs	PAs
Medicaid: factors affecting practice			
# of providers who see patients covered by Medicaid*	4,444 (87.8%)	1,403 (86.6%)	726 (90.4%)
Time spent on paperwork	3.6	3.0	3.0
Waiting time for reimbursement	3.1	3.0	2.9
Reimbursement rate	4.1	3.6	3.4
Patient acceptance of treatment options	2.7	2.6	2.7
Length of patient visit	2.9	2.7	2.8
Acceptance of referrals by specialists	3.6	3.5	3.4
Complexity of patient needs	3.7	3.6	3.5
Commercial plan: factors affecting practice			
# of providers who see patients covered by commercial plan*	4,677 (89.0%)	1,294 (86.8%)	675 (89.9%)
Time spent on paperwork	3.1	2.8	2.7
Waiting time for reimbursement	2.5	2.5	2.4
Reimbursement rate	2.7	2.5	2.4
Patient acceptance of treatment options	2.7	2.6	2.7
Length of patient visit	2.3	2.3	2.3
Acceptance of referrals by specialists	1.8	1.9	1.9
Complexity of patient needs	2.6	2.7	2.6

\* Weighted number.

Medicaid calculations are based on only providers who see Medicaid patients.

Commercial plan calculations are based on only providers who see commercial plan patients.

**Table 15. Estimate of Primary Care Physician Average Yearly Patient Load (Overall and Medicaid) in Washington by WDA\***

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total N†	5,446	280	296	315	362	2,168	633	313	170	213	161	149	385
In 1 year at all sites (per provider)													
# Patients (mean)	1,667	1,731	1,865	1,945	1,844	1,479	1,778	1,822	1,674	1,686	1,744	2,020	1,647
% of patients covered by Medicaid (mean)	21.4%	16.9%	22.9%	20.7%	16.3%	20.4%	21.8%	18.4%	31.3%	34.1%	25.2%	27.4%	21.3%
# Patients covered by Medicaid (mean)	336	330	454	410	282	255	384	341	493	506	401	617	314
Expansion at main site (per provider)													
# New patients (mean)	327	330	237	274	350	334	325	332	394	323	294	444	319
% of new patients covered by Medicaid‡ (mean)	31.0%	26.7%	21.8%	29.1%	20.3%	33.0%	28.4%	17.9%	53.1%	51.6%	43.1%	38.0%	27.6%
# New patients covered by Medicaid (mean)	125	110	73	126	86	122	126	83	283	158	157	223	119
Current + expansion (per provider)													
# Patients (mean)	1,994	2,061	2,102	2,219	2,194	1,813	2,102	2,154	2,068	2,009	2,038	2,464	1,966
% of patients covered by Medicaid (mean)	25.0%	20.5%	24.4%	24.0%	17.7%	24.9%	24.7%	19.1%	40.4%	37.5%	29.4%	31.1%	23.9%
# Patients covered by Medicaid (mean)	461	440	526	536	369	378	510	424	776	664	558	840	433

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

† Weighted number.

‡ Based on Question 22, where all = 100%, most = 75%, about half = 50%, less than half = 25%, none = 0%.

Cases that were not practicing in Washington before 2010 or were missing current patient panel size information were excluded: the weighted total of physicians excluded is 52 (0.9%).

Yearly patient load is based on all practice sites. Estimate of additional new patients and % Medicaid patients is limited to main practice site. Therefore, the total number of patients, both private pay and Medicaid, will not include any expected expansion in secondary practice sites.

**Table 16. Estimate of Primary Care Nurse Practitioner Average Yearly Patient Load (Overall and Medicaid) in Washington by WDA\***

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total NP†	1,697	110	136	116	132	514	169	91	72	73	60	46	178
In 1 year at all sites (per provider)													
# Patients (mean)	1,347	1,320	1,666	1,390	1,244	1,106	1,491	933	1,489	1,679	940	2,472	1,598
% of patients covered by Medicaid (mean)	29.2%	28.6%	32.0%	28.2%	26.6%	27.1%	25.3%	29.3%	33.3%	37.2%	28.2%	30.0%	34.8%
# Patients covered by Medicaid (mean)	415	315	513	397	336	286	387	316	572	790	319	799	644
Expansion at main site (per provider)													
# New patients (mean)	175	136	140	206	238	154	148	183	208	190	122	320	201
% of new patients covered by Medicaid‡ (mean)	48.2%	37.0%	46.4%	53.4%	48.6%	44.7%	42.2%	31.0%	71.5%	65.1%	63.4%	40.2%	58.5%
# New patients covered by Medicaid (mean)	96	40	68	115	118	78	88	62	171	170	73	171	126
Current + expansion (per provider)													
# Patients (mean)	1,522	1,456	1,805	1,596	1,482	1,260	1,639	1,116	1,697	1,869	1,062	2,792	1,799
% of patients covered by Medicaid (mean)	33.2%	29.8%	35.1%	32.9%	32.5%	30.6%	29.3%	30.8%	40.1%	43.5%	35.0%	32.5%	39.5%
# Patients covered by Medicaid (mean)	511	355	581	512	453	364	475	378	743	960	391	969	770

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

† Weighted number.

‡ Based on Question 22, where all = 100%, most = 75%, about half = 50%, less than half = 25%, none = 0%.

Cases that were not practicing in Washington before 2011 or were missing current patient panel size information were excluded: the weighted total of NPs excluded is 20 (1.2%).

Yearly patient load is based on all practice sites. Estimate of additional new patients and % Medicaid patients is limited to main practice site. Therefore, the total number of patients, both private pay and Medicaid, will not include any expected expansion in secondary practice sites.

**Table 17. Estimate of Primary Care Physician Assistant Average Yearly Patient Load (Overall and Medicaid) in Washington by WDA\***

	Overall	WDA 1	WDA 2	WDA 3	WDA 4	WDA 5	WDA 6	WDA 7	WDA 8	WDA 9	WDA 10	WDA 11	WDA 12
Total N†	842	55	77	39	30	200	96	65	63	71	37	37	72
In 1 year at all sites (per provider)													
# Patients (mean)	1,651	1,314	2,234	1,762	1,362	1,288	1,713	1,837	2,268	1,450	1,693	1,738	1,700
% of patients covered by Medicaid (mean)	24.8%	25.0%	20.3%	26.2%	19.1%	19.9%	17.3%	18.3%	31.6%	46.0%	37.2%	21.4%	28.4%
# Patients covered by Medicaid (mean)	421	315	514	403	299	268	289	270	859	554	803	370	509
Expansion at main site (per provider)													
# New patients (mean)	187	191	178	233	146	164	160	192	272	236	267	203	115
% of new patients covered by Medicaid‡ (mean)	44.2%	46.5%	33.7%	43.2%	25.6%	38.9%	25.5%	23.3%	69.6%	73.6%	88.2%	38.5%	49.0%
# New patients covered by Medicaid (mean)	115	73	95	146	80	102	126	37	210	183	210	115	62
Current + expansion (per provider)													
# Patients (mean)	1,839	1,505	2,412	1,995	1,508	1,452	1,873	2,029	2,540	1,685	1,960	1,941	1,815
% of patients covered by Medicaid (mean)	28.7%	30.1%	22.0%	29.3%	21.6%	24.1%	22.2%	18.7%	38.8%	49.6%	48.3%	22.7%	31.8%
# Patients covered by Medicaid (mean)	536	388	609	549	379	370	415	307	1,068	737	1,013	484	571

\* Counties comprising WDAs: 1 = Clallam, Jefferson, Kitsap; 2 = Grays Harbor, Mason, Thurston, Pacific, Lewis; 3 = Whatcom, Skagit, Island, San Juan; 4 = Snohomish; 5 = King; 6 = Pierce; 7 = Wahkiakum, Cowlitz, Clark; 8 = Okanogan, Chelan, Douglas, Grant, Adams; 9 = Skamania, Klickitat, Yakima, Kittitas; 10 = Ferry, Stevens, Pend Oreille, Lincoln, Whitman, Walla Walla, Columbia, Garfield, Asotin; 11 = Benton, Franklin; 12 = Spokane.

† Weighted number.

‡ Based on Question 22, where all = 100%, most = 75%, about half = 50%, less than half = 25%, none = 0%.

Cases that were not practicing in Washington before 2011 or were missing current patient panel size information were excluded: the weighted total of PAs excluded is 9 (1.0%).

Yearly patient load is based on all practice sites. Estimate of additional new patients and % Medicaid patients is limited to main practice site. Therefore, the total number of patients, both private pay and Medicaid, will not include any expected expansion in secondary practice sites.

# Appendix A. Physician Questionnaire



## Washington State Survey of Physicians in Family Medicine, General Practice, Internal Medicine, Pediatrics, OB/GYN, and Geriatrics

For your convenience, you can fill out this survey online at [www.waofmsurvey.com](http://www.waofmsurvey.com) or call the Gilmore Research Group at (866) 722-3134 to complete the survey over the phone. You will need your unique ID, which is printed on the back page of this survey.

### PRACTICE STATUS AND SPECIALTY

**Q01.** Do you currently provide any direct care for ambulatory patients? PLEASE CIRCLE ONE

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q30)

**Q02.** Do you currently provide direct patient care only in Washington, both in and outside Washington, or only outside Washington? PLEASE CIRCLE ONE

1. Only in Washington
2. Both in and outside Washington
3. Only outside Washington (IF "ONLY OUTSIDE WASHINGTON", SKIP TO QUESTION Q30)

**Q03.** What is your primary specialty? (PLEASE SELECT ONE)

1. Family Medicine
2. General Practice
3. General Internal Medicine
4. General Pediatrics
5. General OB/GYN
6. General Geriatrics
7. Other primary specialty (SPECIFY)

(IF "OTHER PRIMARY SPECIALTY", SKIP TO QUESTION Q30)

### PRACTICE SITE IN WASHINGTON

In the following few questions, the term "main practice site in Washington" refers to (1) the practice site in Washington if you only work at one site in Washington, or (2) the practice site in Washington where you work the most hours if you work at more than one site in Washington.

**Q04.** At how many sites in Washington do you provide direct patient care?

Number of sites: \_\_\_\_\_

**Q05.** Where are your main practice site and secondary practice site (if applicable) in Washington located?

- |              | Main Site | Secondary Site |
|--------------|-----------|----------------|
| 1. City:     | _____     | _____          |
| 2. ZIP code: | _____     | _____          |

**Q06.** Does your main practice site in Washington mostly provide primary care?

1. Yes
2. No

**Q07.** Which ONE of the following best describes your main practice site in Washington?

1. Private physician office/clinic
2. Hospital outpatient clinic
3. HMO medical center
4. Federally Qualified Health Center (FQHC)
5. Certified Rural Health Clinic (RHC)
6. Other office or clinic not listed above (DESCRIBE)

**Q08.** How many providers, including yourself (where applicable), in each of the following categories provide care at your main practice site in Washington? (USE ZERO IF THERE IS NO ONE AT THIS SITE IN THAT CATEGORY.)

	Number of Providers
1. Family Medicine Physicians	_____
2. General Practice Physicians	_____
3. General Internal Medicine Physicians	_____
4. General Pediatricians	_____
5. General OB/GYNs	_____
6. General Geriatricians	_____
7. ARNPs (not CNM)	_____
8. Physician Assistants	_____
9. Licensed Midwives	_____
10. Certified Nurse Midwives (CNM-ARNP)	_____

**Q09.** Do you refer patients to hospitals?

1. Yes
2. No (IN "NO", SKIP TO QUESTION Q12)

**Q10.** Is the hospital where you refer the largest number of your patients located in Washington?

1. Yes
2. No

**Q11.** Thinking about hospitals in **Washington**, please provide the name and the city of the hospital where you refer the most patients. Check the "N/A" box if you refer all your patients out of Washington.

Hospital Name: \_\_\_\_\_

City: \_\_\_\_\_

☐ N/A - I refer all my patients out of Washington.

#### PRACTICE ACTIVITIES

**Q12.** During your last typical work week, approximately how many hours did you spend on the following physician activities at **all your practice sites in Washington**? Do not include on-call time.

Hours

1. Direct patient care  
*Includes: seeing patients, reviewing tests, preparing for and performing surgery/procedures, providing other related patient care services* \_\_\_\_\_
2. Administration of clinical practice \_\_\_\_\_
3. Other physician activities \_\_\_\_\_
4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

**Q13.** Thinking about the time you spent on direct patient care during your last typical work week in **Washington**, how much of that time was spent on providing **primary care**?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q14.** During your last typical work week, approximately how many hours did you spend on the following physician activities at **all your practice sites outside Washington**? Do not include on-call time. Check the "N/A" box if you do not practice outside Washington.

Hours

1. Direct patient care \_\_\_\_\_
2. Administration of clinical practice \_\_\_\_\_
3. Other physician activities \_\_\_\_\_
4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

☐ N/A - I do not practice **outside Washington**.

**Q15.** Approximately how many weeks did you work as a physician in 2010? (Do not include time spent at professional conferences, military service, vacation, and other absences.)

Number of weeks: \_\_\_\_\_

**Q16.** Did you start practicing in **Washington** before 2010?

1. Yes (SKIP TO QUESTION Q18)
2. No

**Q17.** Please circle the year and month you first started practicing in **Washington**?

Year: 2010 2011

Month: Jan Feb Mar Apr May Jun  
Jul Aug Sep Oct Nov Dec

#### PATIENT SERVICE

**Q18.** During 2010 at **all your practice sites in Washington**, what was your patient panel size if you worked for an HMO or about how many unique patients did you provide care for if you worked in a non-HMO setting? Your best estimate is fine.

Number of patients: \_\_\_\_\_

**Q19.** Approximately what percent of these patients were covered by Medicaid only?

Percent Medicaid only: \_\_\_\_\_

**Q20.** Are you yourself currently accepting any new patients at **your main practice site in Washington**?

1. Yes
2. No (SKIP TO QUESTION Q23)

**Q21.** Currently, about how many more new patients do you yourself plan to accept at this site?

Number of new patients: \_\_\_\_\_

**Q22.** Of the total new patients you plan to accept, about how many Medicaid patients would you be willing to accept?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q23.** Are you yourself accepting any new patients at **any other practice sites in Washington**? Check the box for "N/A" box if you practice at only one site in Washington.

1. Yes
2. No (SKIP TO QUESTION Q25)
- ☐ N/A - I only practice at one site. (SKIP TO QUESTION Q25)

**Q24.** Are you yourself accepting any new Medicaid patients at **any of the other practice sites in Washington**?

1. Yes
2. No



**Q25.** Thinking about **all your practice sites in Washington**, during your last typical week of work, **how many patient visits** did you personally have in each of the following settings? Your best estimate is fine.

Please count as one visit each time you saw a patient or provided a telemedicine consultation (e.g. telephone and email in lieu of an office visit) to a patient. Circle "N/A" if the category does not apply to you (for instance, you don't do hospital rounds).

1. Visits in the office and outpatient clinics	_____ Visits	N/A
2. Visits on hospital rounds	_____ Visits	N/A
3. Visits in nursing homes and patients' homes	_____ Visits	N/A
4. Telephone consultations	_____ Visits	N/A
5. Email/Other electronic consultations	_____ Visits	N/A

**Q26.** Do you normally see patients in early morning, evening, or weekend hours at your **main practice site in Washington**?

1. Yes
2. No

**Q27.** Do you have a need for interpreter services for your patients at **your main practice site in Washington**?

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q29)

**Q28.** Do you have adequate access to interpreter services at **your main practice site in Washington**?

1. Yes
2. No

**Q29.** On the scale of 1 to 5, where 1 means "No Problem" and 5 means "Major Problem," please rate each factors listed on the left of the table below in terms of how they affect your practice for Medicaid patients and commercial plan patients. Check the "N/A" box under "Medicaid Patients" or "Commercial Plan Patients" if you do not see patients covered by that source.

	Medicaid Patients <input type="checkbox"/> N/A – I do not see patients covered by Medicaid.					Commercial Plan Patients <input type="checkbox"/> N/A – I do not see patients covered by commercial plans.				
	CIRCLE A NUMBER FROM 1 THROUGH 5 IN EACH RECTANGLE WHERE 1 MEANS “NO PROBLEM” AND 5 MEANS “MAJOR PROBLEM”.									
1. Time spent on paperwork	1	2	3	4	5	1	2	3	4	5
2. Waiting time for reimbursement	1	2	3	4	5	1	2	3	4	5
3. Reimbursement rate	1	2	3	4	5	1	2	3	4	5
4. Patient acceptance of treatment options	1	2	3	4	5	1	2	3	4	5
5. Length of patient visit	1	2	3	4	5	1	2	3	4	5
6. Acceptance of referrals by specialists	1	2	3	4	5	1	2	3	4	5
7. Complexity of patient needs	1	2	3	4	5	1	2	3	4	5
8. Other (DESCRIBE): _____ _____	1	2	3	4	5	1	2	3	4	5

#### PRACTICE HISTORY

**Q30.** How many total years have you practiced as a licensed physician in the U.S.?

Number of Years: \_\_\_\_\_

**Q31.** How many total years have you practiced as a licensed physician **in Washington**?

Number of Years: \_\_\_\_\_

**Q32.** When do you plan to retire?

1. Already retired
2. Within the next 6 months
3. More than 6 months from now but within the next 2 years
4. Within the next 3 to 5 years
5. Within the next 6 to 10 years
6. More than 10 years from now
7. Don't know/Not sure

**BACKGROUND****Q33.** Which medical degree have you obtained?

1. Doctor of Medicine (M.D.)
2. Doctor of Osteopathic Medicine (D.O.)
3. Other medical degree (SPECIFY) \_\_\_\_\_

**Q34.** In which U.S. state or other country (if outside the U.S.) did you obtain this medical degree?

1. U.S. State (USE STATE ABBREVIATION)    \_ \_
2. Other country (GIVE COUNTRY NAME) \_\_\_\_\_

**Q35.** Were you ever in any internships or residencies in the following places? PLEASE CIRCLE ALL THAT APPLY

1. Washington State
2. A rural community
3. An inner-city community
4. A predominantly minority community
5. None of the above

**Q36.** What is your year of birth?

Year: \_\_\_\_\_

**Q37.** What is your sex?

1. Male
2. Female

**Q38.** Are you Hispanic, Spanish, or Latino?

1. Yes
2. No

**Q39.** What race do you consider yourself to be? PLEASE CIRCLE ALL THAT APPLY.

1. White
2. Black or African American
3. Asian or Pacific Islander
4. American Indian or Alaska Native
5. Other (DESCRIBE) \_\_\_\_\_
6. Don't know

**Q40.** In addition to English, what languages do you feel comfortable communicating in for most clinical purposes? CIRCLE ALL THAT APPLY.

1. None (English only)
2. Spanish
3. Other language(s) (SPECIFY) \_\_\_\_\_

**Q41.** Are you a participating provider of any provider networks (including HMOs) in Washington?

1. Yes
2. No

**Q42.** Do you currently reside in Washington State?

1. Yes → Home ZIP Code: \_\_\_\_\_
2. No → Home State: \_\_\_\_\_

**Q43.** Please select one from the following.

1. I am the addressed physician and I filled out the survey myself.
2. I am a staff member associated with the addressed physician who gave me permission to fill out this survey on his/her behalf.
3. The addressed physician and an associated staff member filled out the survey jointly.

**Q44.** Would you be interested in being on a focus group panel to provide in-depth input on your primary care practice experience and how the federal Affordable Care Act (ACA) may reshape it?

1. Yes  
→ Please provide your contact information  
Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_
2. No

If you are interested in receiving the final results from the survey or have any additional comments, please contact Washington State Office of Financial Management at [forecasting@ofm.wa.gov](mailto:forecasting@ofm.wa.gov).

***Thank you for your participation.***

Please return the completed survey in the pre-paid envelope to:

**Gilmore Research Group**  
**2101 4<sup>th</sup> Avenue, 8<sup>th</sup> Floor**  
**Seattle, WA 98121**

&lt;insert pin&gt;

# Appendix B. Nurse Practitioner Questionnaire



## Washington State Survey of Advanced Registered Nurse Practitioners

For your convenience, you can fill out this survey online at [www.waofmsurvey.com](http://www.waofmsurvey.com) or call the Gilmore Research Group at (866) 722-3134 to complete the survey over the phone. You will need your unique ID, which is printed on the back page of this survey.

### PRACTICE STATUS AND SPECIALTY

**Q01.** Do you currently provide any direct care for ambulatory patients? PLEASE CIRCLE ONE

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q30)

**Q02.** Do you currently provide direct patient care only in Washington, both in and outside Washington, or only outside Washington? PLEASE CIRCLE ONE

1. Only in Washington
2. Both in and outside Washington
3. Only outside Washington (IF "ONLY OUTSIDE WASHINGTON", SKIP TO QUESTION Q30)

**Q03.** Considering the direct patient care you provide, which of the following best describes your main practice activities? (Check only ONE.)

1. Primary/Generalist care (e.g. primary care ambulatory clinic)
2. Specialized care (e.g. cardiac intensive care or psychiatric care) (IF "SPECIALIZED CARE, SKIP TO QUESTION 30)

**Q03A.** What specialty most closely corresponds to your practice position as a nurse practitioner? (Select only one)

1. Adult health
2. Family health
3. Pediatrics
4. Women's health
5. Geriatrics
6. Other (specify \_\_\_\_\_)

### PRACTICE SITE IN WASHINGTON

In the following few questions, the term "main practice site in Washington" refers to (1) **the** practice site in Washington if you only work at one site in Washington, or (2) the practice site in Washington where you work the most hours if you work at more than one site in Washington.

**Q04.** At how many sites in Washington do you provide direct patient care?

Number of sites: \_\_\_\_\_

**Q05.** Where are your main practice site and secondary practice site (if applicable) in Washington located?

	<u>Main Site</u>	<u>Secondary Site</u>
1. City:	_____	_____
2. ZIP code:	_____	_____

**Q06.** Does your **main practice site in Washington** mostly provide primary care?

1. Yes
2. No

**Q07.** Which ONE of the following best describes your **main practice site in Washington**?

1. Private office/clinic
2. Hospital outpatient clinic
3. HMO medical center
4. Federally Qualified Health Center (FQHC)
5. Certified Rural Health Clinic (RHC)
6. Other office or clinic not listed above (DESCRIBE)

**Q08.** How many providers, including yourself (where applicable), in each of the following categories provide care at your **main practice site in Washington**? (USE ZERO IF THERE IS NO ONE AT THIS SITE IN THAT CATEGORY.)

	Number of Providers
1. Family Medicine Physicians	_____
2. General Practice Physicians	_____
3. General Internal Medicine Physicians	_____
4. General Pediatricians	_____
5. General OB/GYNs	_____
6. General Geriatricians	_____
7. ARNPs (not CNM)	_____
8. Physician Assistants	_____
9. Licensed Midwives	_____
10. Certified Nurse Midwives (CNM-ARNP)	_____

**Q09.** Do you refer patients to hospitals?

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q12)

**Q10.** Is the hospital where you refer the largest number of your patients located in **Washington**?

1. Yes
2. No

**Q11.** Thinking about hospitals in **Washington**, please provide the name and the city of the hospital where you refer the most patients. Check the "N/A" box if you refer all your patients out of Washington.

Hospital Name: \_\_\_\_\_

City: \_\_\_\_\_

☐ N/A - I refer all my patients out of Washington.

#### PRACTICE ACTIVITIES

**Q12.** During your last typical work week, approximately how many hours did you spend on the following nurse practitioner activities at **all your practice sites in Washington**? Do not include on-call time.

Hours

1. Direct patient care  
*Includes: seeing patients, reviewing tests, preparing for and performing procedures, providing other related patient care services* \_\_\_\_\_

2. Administration of clinical practice \_\_\_\_\_

3. Other nurse practitioner activities \_\_\_\_\_

4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

**Q13.** Thinking about the time you spent on direct patient care during your last typical work week in **Washington**, how much of that time was spent on providing **primary care**?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q14.** During your last typical work week, approximately how many hours did you spend on the following nurse practitioner activities at **all your practice sites outside Washington**? Do not include on-call time. Check the "N/A" box if you do not practice outside Washington.

Hours

1. Direct patient care \_\_\_\_\_

2. Administration of clinical practice \_\_\_\_\_

3. Other nurse practitioner activities \_\_\_\_\_

4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

☐ N/A – I do not practice **outside Washington**.

**Q15.** Approximately how many weeks did you work as a nurse practitioner in 2011? (Do not include time spent at professional conferences, military service, vacation, and other absences.)

Number of weeks: \_\_\_\_\_

**Q16.** Did you start practicing in **Washington** before 2011?

1. Yes (SKIP TO QUESTION Q18)
2. No

**Q17.** Please circle the year and month you first started practicing in **Washington**?

Year: 2011 2012

Month: Jan Feb Mar Apr May Jun  
Jul Aug Sep Oct Nov Dec

#### PATIENT SERVICE

**Q18.** During 2011 at **all your practice sites in Washington**, what was your patient panel size if applicable or about how many unique patients did you provide care for? Your best estimate is fine.

Number of patients: \_\_\_\_\_

**Q19.** Approximately what percent of these patients were covered by Medicaid only?

Percent Medicaid only: \_\_\_\_\_

**Q20.** Are you yourself currently accepting any new patients at your **main practice site in Washington**?

1. Yes
2. No (SKIP TO QUESTION Q23)

**Q21.** Currently, about how many more new patients do you yourself plan to accept at this site?

Number of new patients: \_\_\_\_\_

**Q22.** Of the total new patients you plan to accept, about how many Medicaid patients would you be willing to accept?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q23.** Are you yourself accepting any new patients at **any other practice sites in Washington**? Check the box for "N/A" box if you practice at only one site in Washington.

1. Yes
  2. No (SKIP TO QUESTION Q25)
- ☐ N/A – I only practice at one site. (SKIP TO QUESTION Q25)

**Q24.** Are you yourself accepting any new Medicaid patients at **any of the other practice sites in Washington**?

1. Yes
2. No

**Q25.** Thinking about **all your practice sites in Washington**, during your last typical week of work, **how many patient visits** did you personally have in each of the following settings? Your best estimate is fine.

Please count as one visit each time you saw a patient or provided a telemedicine consultation (e.g. telephone and email in lieu of an office visit) to a patient. Circle "N/A" if the category does not apply to you (for instance, you don't do hospital rounds).

1. Visits in the office and outpatient clinics	_____ Visits	N/A
2. Visits on hospital rounds	_____ Visits	N/A
3. Visits in nursing homes and patients' homes	_____ Visits	N/A
4. Telephone consultations	_____ Visits	N/A
5. Email/Other electronic consultations	_____ Visits	N/A

**Q26.** Do you normally see patients in early morning, evening, or weekend hours at your **main practice site in Washington**?

1. Yes
2. No

**Q27.** Do you have a need for interpreter services for your patients at **your main practice site in Washington**?

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q29)

**Q28.** Do you have adequate access to interpreter services at **your main practice site in Washington**?

1. Yes
2. No

**Q29.** On the scale of 1 to 5, where 1 means "No Problem" and 5 means "Major Problem," please rate each factor listed on the left of the table below in terms of how they affect your practice for Medicaid patients and commercial plan patients. Check the "N/A" box under "Medicaid Patients" or "Commercial Plan Patients" if you do not see patients covered by that source.

	Medicaid Patients <input type="checkbox"/> N/A – I do not see patients covered by Medicaid.					Commercial Plan Patients <input type="checkbox"/> N/A – I do not see patients covered by commercial plans.				
	CIRCLE A NUMBER FROM 1 THROUGH 5 IN EACH RECTANGLE WHERE 1 MEANS “NO PROBLEM” AND 5 MEANS “MAJOR PROBLEM”.									
1. Time spent on paperwork	1	2	3	4	5	1	2	3	4	5
2. Waiting time for reimbursement	1	2	3	4	5	1	2	3	4	5
3. Reimbursement rate	1	2	3	4	5	1	2	3	4	5
4. Patient acceptance of treatment options	1	2	3	4	5	1	2	3	4	5
5. Length of patient visit	1	2	3	4	5	1	2	3	4	5
6. Acceptance of referrals by specialists	1	2	3	4	5	1	2	3	4	5
7. Complexity of patient needs	1	2	3	4	5	1	2	3	4	5
8. Other (DESCRIBE): _____ _____	1	2	3	4	5	1	2	3	4	5

#### PRACTICE HISTORY

**Q30.** How many total years have you practiced as an Advanced Registered Nurse Practitioner in the U.S.?

Number of Years: \_\_\_\_\_

**Q31.** How many total years have you practiced as an Advanced Registered Nurse Practitioner **in Washington**?

Number of Years: \_\_\_\_\_

**Q32.** When do you plan to retire?

1. Already retired
2. Within the next 6 months
3. More than 6 months from now but within the next 2 years
4. Within the next 3 to 5 years
5. Within the next 6 to 10 years
6. More than 10 years from now
7. Don't know/Not sure

**BACKGROUND**

**Q33.** What formal education program did you complete after your education as an RN that prepared you as an Advanced Registered Nurse Practitioner?

1. Certificate/award
2. Bachelor's degree
3. Master's degree
4. Post-Master's certificate
5. Doctorate

**Q34.** In which U.S. state or other country (if outside the U.S.) did you obtain this credential?

1. U.S. State (USE STATE ABBREVIATION)    —    —
2. Other country (GIVE COUNTRY NAME)  
\_\_\_\_\_

**Q35.** Did your clinical training take place in any of the following places? PLEASE CIRCLE ALL THAT APPLY

1. Washington State
2. A rural community
3. An inner-city community
4. A predominantly minority community
5. None of the above

**Q36.** What is your year of birth?

Year: \_\_\_\_\_

**Q37.** What is your sex?

1. Male
2. Female

**Q38.** Are you Hispanic, Spanish, or Latino?

1. Yes
2. No

**Q39.** What race do you consider yourself to be? PLEASE CIRCLE ALL THAT APPLY.

1. White
2. Black or African American
3. Asian or Pacific Islander
4. American Indian or Alaska Native
5. Other (DESCRIBE)  
\_\_\_\_\_
6. Don't know

**Q40.** In addition to English, what languages do you feel comfortable communicating in for most clinical purposes? CIRCLE ALL THAT APPLY.

1. None (English only)
2. Spanish
3. Other language(s) (SPECIFY)  
\_\_\_\_\_

**Q41.** Are you a participating provider of any provider networks (including HMOs) in Washington?

1. Yes
2. No

**Q42.** Do you currently reside in Washington State?

1. Yes    ➡    Home ZIP Code: \_\_\_\_\_
2. No    ➡    Home State: \_\_\_\_\_

(Q43 is left blank intentionally.)

**Q44.** Would you be interested in being on a focus group panel to provide in-depth input on your primary care practice experience and how the federal Affordable Care Act (ACA) may reshape it, if OFM receives funding to hold one?

1. Yes  
➡ Please provide your contact information  
Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_
2. No

If you are interested in receiving the final results from the survey or have any additional comments, please contact Washington State Office of Financial Management at [forecasting@ofm.wa.gov](mailto:forecasting@ofm.wa.gov).

***Thank you for your participation.***

Please return the completed survey in the pre-paid envelope to:

**Gilmore Research Group  
2101 4<sup>th</sup> Avenue, 8<sup>th</sup> Floor  
Seattle, WA 98121**

**<insert pin>**

# Appendix C. Physician Assistant Questionnaire



## Washington State Survey of Physician Assistants

For your convenience, you can fill out this survey online at [www.waofmsurvey.com](http://www.waofmsurvey.com) or call the Gilmore Research Group at (866) 722-3134 to complete the survey over the phone. You will need your unique ID, which is printed on the back page of this survey.

### PRACTICE STATUS AND SPECIALTY

**Q01.** Do you currently provide any direct care for ambulatory patients? PLEASE CIRCLE ONE

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q30)

**Q02.** Do you currently provide direct patient care only in Washington, both in and outside Washington, or only outside Washington? PLEASE CIRCLE ONE

1. Only in Washington
2. Both in and outside Washington
3. Only outside Washington (IF "ONLY OUTSIDE WASHINGTON", SKIP TO QUESTION Q30)

**Q03.** What is your primary specialty? (PLEASE SELECT ONE)

1. Family Medicine
2. General Practice
3. General Internal Medicine
4. General Pediatrics
5. General OB/GYN
6. General Geriatrics
7. Other primary specialty (SPECIFY)

(IF "OTHER PRIMARY SPECIALTY", SKIP TO QUESTION Q30)

### PRACTICE SITE IN WASHINGTON

In the following few questions, the term "main practice site in Washington" refers to (1) the practice site in Washington if you only work at one site in Washington, or (2) the practice site in Washington where you work the most hours if you work at more than one site in Washington.

**Q04.** At how many sites in Washington do you provide direct patient care?

Number of sites: \_\_\_\_\_

**Q05.** Where are your main practice site and secondary practice site (if applicable) in Washington located?

- |              | <u>Main Site</u> | <u>Secondary Site</u> |
|--------------|------------------|-----------------------|
| 1. City:     | _____            | _____                 |
| 2. ZIP code: | _____            | _____                 |

**Q06.** Does your main practice site in Washington mostly provide primary care?

1. Yes
2. No

**Q07.** Which ONE of the following best describes your main practice site in Washington?

1. Private office/clinic
2. Hospital outpatient clinic
3. HMO medical center
4. Federally Qualified Health Center (FQHC)
5. Certified Rural Health Clinic (RHC)
6. Other office or clinic not listed above (DESCRIBE)

**Q08.** How many providers, including yourself (where applicable), in each of the following categories provide care at your main practice site in Washington? (USE ZERO IF THERE IS NO ONE AT THIS SITE IN THAT CATEGORY.)

	Number of Providers
1. Family Medicine Physicians	_____
2. General Practice Physicians	_____
3. General Internal Medicine Physicians	_____
4. General Pediatrics	_____
5. General OB/GYNs	_____
6. General Geriatricians	_____
7. ARNPs (not CNM)	_____
8. Physician Assistants	_____
9. Licensed Midwives	_____
10. Certified Nurse Midwives (CNM-ARNP)	_____

**Q09.** Do you refer patients to hospitals?

1. Yes
2. No (IF "NO", SKIP TO QUESTION Q12)

**Q10.** Is the hospital where you refer the largest number of your patients located in Washington?

1. Yes
2. No

**Q11.** Thinking about hospitals **in Washington**, please provide the name and the city of the hospital where you refer the most patients. Check the "N/A" box if you refer all your patients out of Washington.

Hospital Name: \_\_\_\_\_

City: \_\_\_\_\_

☐ N/A - I refer all my patients out of Washington.

#### PRACTICE ACTIVITIES

**Q12.** During your last typical work week, approximately how many hours did you spend on the following physician assistant activities at **all your practice sites in Washington**? Do not include on-call time.

Hours

1. Direct patient care  
*Includes: seeing patients, reviewing tests, preparing for and performing procedures, providing other related patient care services* \_\_\_\_\_
2. Administration of clinical practice \_\_\_\_\_
3. Other physician assistant activities \_\_\_\_\_
4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

**Q13.** Thinking about the time you spent on direct patient care during your last typical work week **in Washington**, how much of that time was spent on providing **primary care**?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q14.** During your last typical work week, approximately how many hours did you spend on the following physician assistant activities at **all your practice sites outside Washington**? Do not include on-call time. Check the "N/A" box if you do not practice outside Washington.

Hours

1. Direct patient care \_\_\_\_\_
2. Administration of clinical practice \_\_\_\_\_
3. Other physician assistant activities \_\_\_\_\_
4. Total hours (ADD ITEMS 1-3) \_\_\_\_\_

☐ N/A – I do not practice **outside Washington**.

**Q15.** Approximately how many weeks did you work as a physician assistant in 2011? (Do not include time spent at professional conferences, military service, vacation, and other absences.)

Number of weeks: \_\_\_\_\_

**Q16.** Did you start practicing **in Washington** before 2011?

1. Yes (SKIP TO QUESTION Q18)
2. No

**Q17.** Please circle the year and month you first started practicing **in Washington**

Year: 2011 2012

Month: Jan Feb Mar Apr May Jun  
Jul Aug Sep Oct Nov Dec

#### PATIENT SERVICE

**Q18.** During 2011 at **all your practice sites in Washington**, what was your patient panel size if applicable or about how many unique patients did you provide care for? Your best estimate is fine.

Number of patients: \_\_\_\_\_

**Q19.** Approximately what percent of these patients were covered by Medicaid only?

Percent Medicaid only: \_\_\_\_\_

**Q20.** Are you yourself currently accepting any new patients at **your main practice site in Washington**?

1. Yes
2. No (SKIP TO QUESTION Q23)

**Q21.** Currently, about how many more new patients do you yourself plan to accept at this site?

Number of new patients: \_\_\_\_\_

**Q22.** Of the total new patients you plan to accept, about how many Medicaid patients would you be willing to accept?

1. All
2. Most
3. About half
4. Less than half
5. None

**Q23.** Are you yourself accepting any new patients at **any other practice sites in Washington**? Check the box for "N/A" box if you practice at only one site in Washington.

1. Yes
2. No (SKIP TO QUESTION Q25)
- ☐ N/A – I only practice at one site. (SKIP TO QUESTION Q25)

**Q24.** Are you yourself accepting any new Medicaid patients at **any of the other practice sites in Washington**?

1. Yes
2. No



**Q25.** Thinking about **all your practice sites in Washington**, during your last typical week of work, **how many patient visits** did you personally have in each of the following settings? Your best estimate is fine.

Please count as one visit each time you saw a patient or provided a telemedicine consultation (e.g. telephone and email in lieu of an office visit) to a patient. Circle "N/A" if the category does not apply to you (for instance, you don't do hospital rounds).

1. Visits in the office and outpatient clinics	_____ Visits	N/A
2. Visits on hospital rounds	_____ Visits	N/A
3. Visits in nursing homes and patients' homes	_____ Visits	N/A
4. Telephone consultations	_____ Visits	N/A
5. Email/Other electronic consultations	_____ Visits	N/A

**Q26.** Do you normally see patients in early morning, evening, or weekend hours at your **main practice site in Washington**?

1. Yes
2. No

**Q27.** Do you have a need for interpreter services for your patients at **your main practice site in Washington**?

1. Yes
2. No (If "NO", SKIP TO QUESTION Q29)

**Q28.** Do you have adequate access to interpreter services at **your main practice site in Washington**?

1. Yes
2. No

**Q29.** On the scale of 1 to 5, where 1 means "No Problem" and 5 means "Major Problem," please rate each factor listed on the left of the table below in terms of how they affect your practice for Medicaid patients and commercial plan patients. Check the "N/A" box under "Medicaid Patients" or "Commercial Plan Patients" if you do not see patients covered by that source.

	Medicaid Patients <input type="checkbox"/> N/A – I do not see patients covered by Medicaid.					Commercial Plan Patients <input type="checkbox"/> N/A – I do not see patients covered by commercial plans.				
	CIRCLE A NUMBER FROM 1 THROUGH 5 IN EACH RECTANGLE WHERE 1 MEANS “NO PROBLEM” AND 5 MEANS “MAJOR PROBLEM”.									
1. Time spent on paperwork	1	2	3	4	5	1	2	3	4	5
2. Waiting time for reimbursement	1	2	3	4	5	1	2	3	4	5
3. Reimbursement rate	1	2	3	4	5	1	2	3	4	5
4. Patient acceptance of treatment options	1	2	3	4	5	1	2	3	4	5
5. Length of patient visit	1	2	3	4	5	1	2	3	4	5
6. Acceptance of referrals by specialists	1	2	3	4	5	1	2	3	4	5
7. Complexity of patient needs	1	2	3	4	5	1	2	3	4	5
8. Other (DESCRIBE): _____ _____	1	2	3	4	5	1	2	3	4	5

#### PRACTICE HISTORY

**Q30.** How many total years have you practiced as a physician assistant in the U.S.?

Number of Years: \_\_\_\_\_

**Q31.** How many total years have you practiced as a physician assistant **in Washington**?

Number of Years: \_\_\_\_\_

**Q32.** When do you plan to retire?

1. Already retired
2. Within the next 6 months
3. More than 6 months from now but within the next 2 years
4. Within the next 3 to 5 years
5. Within the next 6 to 10 years
6. More than 10 years from now
7. Don't know/Not sure

**BACKGROUND**

**Q33.** Which degree, if any, did you earn in association with your Physician Assistant certificate?

1. Associate degree
2. Baccalaureate/Bachelor's degree
3. Master's degree
4. None – obtained a PA certificate only
5. Other (SPECIFY: \_\_\_\_\_)

**Q34.** In which U.S. state or other country (if outside the U.S.) did you obtain this credential?

1. U.S. State (USE STATE ABBREVIATION)    \_ \_
2. Other country (GIVE COUNTRY NAME)  
\_\_\_\_\_

**Q35.** Did your clinical training take place in any of the following places? PLEASE CIRCLE ALL THAT APPLY

1. Washington State
2. A rural community
3. An inner-city community
4. A predominantly minority community
5. None of the above

**Q36.** What is your year of birth?

Year: \_\_\_\_\_

**Q37.** What is your sex?

1. Male
2. Female

**Q38.** Are you Hispanic, Spanish, or Latino?

1. Yes
2. No

**Q39.** What race do you consider yourself to be? PLEASE CIRCLE ALL THAT APPLY.

1. White
2. Black or African American
3. Asian or Pacific Islander
4. American Indian or Alaska Native
5. Other (DESCRIBE)  
\_\_\_\_\_
6. Don't know

**Q40.** In addition to English, what languages do you feel comfortable communicating in for most clinical purposes? CIRCLE ALL THAT APPLY.

1. None (English only)
2. Spanish
3. Other language(s) (SPECIFY)  
\_\_\_\_\_

**Q41.** Are you a participating provider of any provider networks (including HMOs) in Washington?

1. Yes
2. No

**Q42.** Do you currently reside in Washington State?

1. Yes ➡ Home ZIP Code: \_\_\_\_\_
2. No ➡ Home State: \_\_\_\_\_

(Q43 is left blank intentionally.)

**Q44.** Would you be interested in being on a focus group panel to provide in-depth input on your primary care practice experience and how the federal Affordable Care Act (ACA) may reshape it, if OFM receives funding to hold one?

1. Yes  
➡ Please provide your contact information  
Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_
2. No

If you are interested in receiving the final results from the survey or have any additional comments, please contact Washington State Office of Financial Management at [forecasting@ofm.wa.gov](mailto:forecasting@ofm.wa.gov).

***Thank you for your participation.***

Please return the completed survey in the pre-paid envelope to:

**Gilmore Research Group  
2101 4<sup>th</sup> Avenue, 8<sup>th</sup> Floor  
Seattle, WA 98121**

**ID: <insert pin>**