Washington State's 2019 Licensed Practical Nurse Workforce

Online Appendix – Unweighted Response Counts and Percentages for Each Survey Question

Licensed practical nurses (LPNs) in Washington State were required to complete an online survey with questions about their demographics, work characteristics and education history.

The tables below show unweighted responses, meaning they show the number of LPNs who selected each response option for each question in the survey. These should not be confused with the weighted estimates presented in the Full Report at:

https://depts.washington.edu/fammed/chws/wp-content/uploads/sites/5/2020/06/WA_LPN_Survey_2019.pdf

Notes:
1) Sex, age and mailing address were collected for all nurses when they initiated or renewed their nursing license and are not presented in the survey response tables below.
2) The number of employment positions, the number of hours worked, employment setting, employment specialty, position title(s) and employment ZIP Code questions were asked only of LPNs who indicated they were employed in nursing. All other questions were asked of all LPNs taking the survey.
3) Table cells with responses from less than 10 LPNs were suppressed and percentages were not calculated (NC) for these categories to protect the identity of nurses and to indicate that these estimates may be unreliable due to the small number of survey responses. In some of the tables, additional cells with 10 or more responses were also suppressed to prevent back-calculation of the cells with fewer than 10 responses.

Race

	Unweighted Survey Responses	Percent
American Indian or Alaska Native alone	52	1.0%
Asian alone	424	8.0%
Black/African American alone	481	9.1%
Native Hawaiian or Other Pacific Islander alone	38	0.7%
White alone	3841	72.6%
Other race alone	133	2.5%
Two or more races	213	4.0%
No answer	112	2.1%

Ethnicity

	Unweighted Survey Responses	Percent
Hispanic/Latino	345	6.5%
Not Hispanic/Latino or did not answer	4,949	93.5%

Note: Survey respondents were asked to check a box if they identified as Hispanic/Latino. There was not a corresponding box for "Not Hispanic/Latino" or for "Choose not to answer." Therefore, it was not possible to assess the percentage of respondents who chose not to answer the ethnicity question.

Employment Status

	Unweighted Survey Responses	Percent
Actively employed in nursing or in a position that requires a nurse license - Full-time	3,817	72.1%
Actively employed in nursing or in a position that requires a nurse license - Part-time	611	11.5%
Actively employed in nursing or in a position that requires a nurse license - Per diem	228	4.3%
Working in nursing only as a volunteer	65	1.2%
Actively employed in a field other than nursing - Full-time	73	1.4%
Actively employed in a field other than nursing - Part-time	43	0.8%
Actively employed in a field other than nursing - Per diem	13	0.2%
Retired	55	1.0%
Unemployed - Seeking work as a nurse	306	5.8%
Unemployed - Not seeking work as a nurse	83	1.6%
No answer	0	0.0%

Reasons Unemployed

	Unweighted Survey Responses	Percent	Percent Among Unemployed
Taking care of home and family	115	2.2%	29.9%
Disabled	10	0.2%	2.6%
Inadequate Salary	6	0.1%	1.6%
School	66	1.2%	17.2%
Difficulty in finding a nursing position	44	0.8%	11.5%
Other	143	2.7%	37.2%
Not unemployed or no answer	4,910	92.7%	NA

In how many positions are you currently employed as a nurse?

	Unweighted Survey Responses	Percent
1	4,123	77.9%
2 or more	533	10.1%
Not employed as a nurse - Question not asked	638	12.1%

Note: There were some nurses who provided information in other survey questions about a secondary work position (such as a secondary work setting) but did not indicate they worked in more than one position for this questions. We recoded these responses as "2 or more" for this question because it seems the nurse had more than one position, but we do not know if they had 2 or 3.

Average Hours worked per week, for those employed as a nurse

Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Missing	n
38.1	40	1	35.75	40	100	0	4,656

Note: Responses indicating 100 hours or more per week were set to missing.

Employment Setting – Primary

	Unweighted Survey Responses	Percent
Ambulatory Care Setting	666	12.6%
Assisted Living Facility	543	10.3%
Community Health	131	2.5%
Correctional Facility	132	2.5%
Dialysis Center	28	0.5%
Home Health	419	7.9%
Hospice	Suppressed	Suppressed
Hospital	388	7.3%
Insurance Claims/Benefits	63	1.2%
Nursing Home/Extended Care	766	14.5%
Occupational Health	40	0.8%
Other Long Term Care	72	1.4%
Policy/Planning/Regulatory/Licensing Agency	< 10	NC
Public Health	30	0.6%
School Health Service	198	3.7%
School of Nursing	28	0.5%
Other	1,116	21.1%
No response	19	0.4%
Not employed as a nurse - Question not asked	638	12.1%

Employment Setting – Secondary

	Unweighted Survey Responses	Percent
Ambulatory Care Setting	26	0.5%
Assisted Living Facility	79	1.5%
Community Health	14	0.3%
Correctional Facility	14	0.3%
Dialysis Center	0	0.0%
Home Health	96	1.8%
Hospice	0	0.0%
Hospital	23	0.4%
Insurance Claims/Benefits	< 10	NC
Nursing Home/Extended Care	107	2.0%
Occupational Health	< 10	NC
Other Long Term Care	0	0.0%
Policy/Planning/Regulatory/Licensing Agency	< 10	NC
Public Health	18	0.3%
School Health Service	17	0.3%
School of Nursing	< 10	NC
Other	118	2.2%
No response	7	0.1%
No secondary practice position	4,123	77.9%
Not employed as a nurse - Question not asked	638	12.1%

Employment Specialty – Primary

	Unweighted Survey Responses	Percent
Acute Care/Critical Care	141	2.7%
Adult Health	217	4.1%
Adult Health/Family Health (Old MDS Value)	< 10	NC
Anesthesia	< 10	NC
Cardiology	47	0.9%
Community	62	1.2%
Emergency / Trauma	33	0.6%
Family Health	200	3.8%
Genetics	< 10	NC
Geriatric/Gerontology	1,127	21.3%
Home Health	301	5.7%
Informatics	< 10	NC
Information Technology	0	0.0%
Maternal - Child Health / Obstetrics	57	1.1%
Medical Surgical	98	1.9%
Neonatal	< 10	NC
Nephrology	38	0.7%
Neurology/Neurosurgical	< 10	NC
Occupational Health	41	0.8%
Oncology	85	1.6%
Orthopedic	< 10	NC
Palliative Care / Hospice	38	0.7%
Pediatrics	233	4.4%
Pediatrics/Neonatal (Old MDS Value)	< 10	NC
Perioperative	18	0.3%
Primary Care	12	0.2%
Psychiatric/Mental Health/Substance Abuse	301	5.7%
Public Health	35	0.7%
Radiology	< 10	NC
Rehabilitation	237	4.5%
School Health	155	2.9%
Urologic	< 10	NC
Women's Health	73	1.4%
Other - Clinical Specialties	288	5.4%
Other - Non Clinical Specialties	54	1.0%
Other	21	0.4%
No response	705	13.3%
Not employed as a nurse - Question not asked	638	12.1%

Employment Specialty – Secondary

	Unweighted Survey Responses	Percent
Acute Care/Critical Care	21	0.4%
Adult Health	28	0.5%
Adult Health/Family Health (Old MDS Value)	< 10	NC
Anesthesia	0	0.0%
Cardiology	< 10	NC
Community	14	0.3%
Emergency / Trauma	< 10	NC
Family Health	< 10	NC
Genetics	0	0.0%
Geriatric/Gerontology	142	2.7%
Home Health	56	1.1%
Informatics	0	0.0%
Maternal - Child Health / Obstetrics	< 10	NC
Medical Surgical	< 10	NC
Neonatal	0	0.0%
Nephrology	< 10	NC
Neurology/Neurosurgical	0	0.0%
Occupational Health	< 10	NC
Oncology	< 10	NC
Palliative Care / Hospice	10	0.2%
Pediatrics	43	0.8%
Pediatrics/Neonatal (Old MDS Value)	< 10	NC
Perioperative	< 10	NC
Primary Care	0	0.0%
Psychiatric/Mental Health/Substance Abuse	33	0.6%
Public Health	< 10	NC
Radiology	0	0.0%
Rehabilitation	34	0.6%
School Health	12	0.2%
Women's Health	< 10	NC
Other - Clinical Specialties	22	0.4%
Other - Non Clinical Specialties	16	0.3%
Other	< 10	NC
No secondary practice position	4,123	77.9%
No response	56	1.1%
Not employed as a nurse - Question not asked	638	12.1%

Position Title – Primary

	Unweighted Survey Responses	Percent
Case Manager	100	1.9%
Clinical Nurse Leader	< 10	NC
Consultant	17	0.3%
Nurse Executive	31	0.6%
Nurse Faculty/Educator	63	1.2%
Nurse Manager	328	6.2%
Nurse Researcher	12	0.2%
Staff Nurse	3,493	66.0%
Other - Health Related	525	9.9%
Other - Not Health Related	Suppressed	Suppressed
No response	68	1.3%
Not employed as a nurse - Question not asked	638	12.1%

Position Title – Secondary

	Unweighted Survey Responses	Percent
Case Manager	< 10	NC
Clinical Nurse Leader	0	0.0%
Consultant	28	0.5%
Nurse Executive	< 10	NC
Nurse Faculty/Educator	13	0.2%
Nurse Manger	21	0.4%
Nurse Researcher	< 10	NC
Staff Nurse	369	7.0%
Other - Health Related	67	1.3%
Other - Not Health Related	21	0.4%
No response	5	0.1%
No secondary practice position	4,123	77.9%
Not employed as a nurse - Question not asked	638	12.1%

Employment ZIP Code

	Unweighted Survey Responses	Percent
Provided and valid	4,640	87.6%
Provided and not valid	7	0.1%
No response	9	0.2%
Not employed as a nurse - Question not asked	638	12.1%

Note: valid ZIP codes were matched to a crosswalk of current Washington State ZIP codes for each county.

Highest nursing degree

	Unweighted Survey Responses	Percent
Vocational/practical certificate	4,737	89.5%
Diploma	40	0.8%
Associate degree	463	8.7%
Baccalaureate	43	0.8%
Master's	< 10	NC
Doctoral (PhD/DNP/Other)	< 10	NC
No response	6	0.1%

Highest degree of any type

	Unweighted Survey Responses	Percent
Vocational	4,175	78.9%
Diploma	Suppressed	Suppressed
Associate degree	772	14.6%
Baccalaureate	258	4.9%
Master's	46	0.9%
Doctoral	< 10	NC
No response	1	0.0%

In what country did you receive your entry-level nursing education?

Country	Unweighted Survey Responses	Percent
Canada	19	0.4%
The Philippines	58	1.1%
United States	5,166	97.6%
Other	35	0.7%
No response	16	0.3%

Note: Countries with 10 or more responses are shown. All other countries are grouped into the "Other" category.

Nursing degree/credential that qualified for first US nursing license

	Unweighted Survey Responses	Percent
Vocational/Practical Certificate-Nursing	1,048	19.8%
Diploma-Nursing (RN)	< 10	NC
Associate Degree- Nursing	75	1.4%
Baccalaureate Degree-Nursing	12	0.2%
Master's Degree-Nursing	Suppressed	Suppressed
Doctoral Degree-Nursing (DNP)	0	0.0%
Doctoral Degree-Nursing (PhD)	0	0.0%
No response	4,154	78.5%

Year initial US Licensure obtained

Decade	Unweighted Survey Responses	Percent
Before 1960	< 10	NC
1960s	Suppressed	Suppressed
1970s	481	9.1%
1980s	640	12.1%
1990s	930	17.6%
2000s	1,292	24.4%
2010s	1,861	35.2%
No response	41	0.8%

Country in which initially licensed as an RN

Country	Unweighted Survey Responses	Percent
Canada	18	0.3%
The Philippines	16	0.3%
United States	5,194	98.1%
Other	23	0.4%
No response	43	0.8%

Note: Countries with 10 or more responses are shown. All other countries are grouped into the "Other" category.