

Missouri Department of Health and Senior Services
Bureau of Health Care Analysis and Data Dissemination

2009 REGISTERED NURSE SURVEY
CONDUCTED BY OFFICE OF PRIMARY CARE AND RURAL HEALTH

A paper survey was sent to all registered nurses licensed to practice in the state of Missouri. Of the approximately 91,000 RNs with a Missouri license, approximately 73,000 reside in Missouri. While the survey is not mandatory, survey data is available on 55.7% of RN's licensed in Missouri regardless of the state in which they practice, and 54.9% of these are in Missouri. Survey data is not available for newly licensed individuals and for those individuals who did not return their survey.

Survey data was available on 50,111 individuals with a Missouri license who completed a survey.

- 83.7% of these individuals work in nursing
- 65.7% work full-time in nursing
- 18.0% work part-time in nursing
- 6.5% are unemployed
- 4.8% are retired
- 1.9% work outside of nursing
- 3.2% indicated other/unknown/in-training

Of the 50,111 Registered Nurses who completed a survey:

36,401 indicated that they work as a nurse in Missouri OR they live in Missouri AND are unemployed, retired OR work outside of nursing.

- 96.5% of these individuals work in nursing
- 75.5% work full-time in nursing
- 21.1% work part-time in nursing
- 0.4% work outside of nursing
- 0.4% are retired
- 0.3% are unemployed
- 2.4% are other/.unknown

Of the 50,111 Registered Nurses who completed a survey:

13,714 indicated that they work as a nurse outside of Missouri OR they live outside of Missouri AND are unemployed, retired OR work outside of nursing.

- 49.4% of these individuals work in nursing
- 39.6% work full-time in nursing
- 9.8% work part-time in nursing

Of the 35,137 surveyed who answered the question about gender and work as a nurse in Missouri full-time or part-time.

- 93.7% are female
- 6.3% are male

Of the 35,137 surveyed who answered the question about race and work as a nurse in Missouri full-time or part-time.

- 91.4% are Caucasian
- 4.4% are African-American
- 1.4% are Asian
- 0.5% are American Indian/Alaskan Native
- 2.4% are unknown or other

Of the 20,552 who indicated that they work full or part time in Missouri in a hospital setting and answered the question on principal practice area.

- 75.5% Patient Care
- 5.9% Other
- 4.0% Administrative
- 2.4% Education
- 2.0% Case Management
- 0.9% Quality Assurance
- 0.7% Informatics
- 0.5% Utilization Review
- 0.4% Research
- 0.4% Infection Control
- 0.2% Consultant
- 0.2% Occupational/Industrial Health
- 0.1% Public Health
- 6.9% Unknown

Of the 1,943 who indicated that they work full or part time in Missouri in a Long Term Care Setting and answered the question on principal practice area.

- 43.3% Patient Care
- 22.7% Administrative
- 9.1% Other
- 4.8% Education
- 2.9% Case Management
- 2.4% Quality Assurance
- 1.7% Consultant
- 0.7% Infection Control
- 0.6% Informatics
- 0.5% Utilization Review
- 0.3% Public Health
- 0.2% Research
- 0.1% Occupational/Industrial Health
- 10.7% Unknown

Of the 1,996 who indicated that they work full-time or part-time in Missouri in a home health/hospice setting and answered the question on primary practice area.

- 42.4% Patient Care
- 16.7% Case Management
- 10.4% Administrative
- 5.0% Other
- 3.1% Quality Assurance
- 1.7% Education
- 1.4% Public Health
- 0.6% Informatics
- 0.5% Consultant
- 0.3% Utilization Review
- 0.3% Occupational/Industrial Health
- 0.2% Infection Control
- 0.0% Research
- 17.7% Unknown

Of the 1,497 who indicated that they work full-time or part-time in Missouri in an ambulatory care/surgery center setting and answered the question on primary practice area.

- 72.4% Patient Care
- 6.2% Other
- 6.0% Administrative
- 1.8% Education
- 1.3% Case Management
- 0.5% Informatics
- 0.3% Research
- 0.3% Consultant
- 0.3% Occupational/Industrial Health
- 0.2% Public Health
- 0.2% Quality Assurance
- 0.1% Utilization Review
- 0.1% Infection Control
- 10.5% Unknown

Of the 35,134 who indicated that they work full-time or part-time in Missouri and answered the question on primary employment setting.

- 58.5% Hospital
- 8.6% Office/Clinic
- 5.7% Home Health/Hospice
- 5.5% Long Term Care
- 4.3% Ambulatory Care/Center
- 3.4% Academic
- 3.0% School Health
- 1.9% Public/Community Health
- 1.8% Insurance Company/Health Plan
- 0.9% Business/Industry/Association
- 0.6% Prison/Correctional Facility
- 0.4% Self-Employed/Private Practice
- 0.3% Nursing Agency
- 5.2% Other/Unknown

Of the 35,134 who indicated that they work full-time or part-time in Missouri and answered the question on age.

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|---------|-----------------|--------|
| ➤ 33.8% | 50-59 age group | 11,879 |
| ➤ 24.9% | 40-49 age group | 8,759 |
| ➤ 17.6% | 30-39 age group | 6,166 |
| ➤ 12.4% | 60-69 age group | 4,358 |
| ➤ 9.7% | 19-29 age group | 3,409 |
| ➤ 1.3% | 70-79 age group | 446 |
| ➤ 0.1% | 80-86 age group | 36 |
| ➤ 0.2% | unknown age | 84 |

The table below shows the number of nurses working in Missouri by ten year age groups in specific county regions.

Table of Ten Year Age Groups by County Regions									
TEN YEAR AGE GROUP	COUNTY REGIONS								
Frequency Percent Col Percent Row Percent	North West Region	North East Region	Kansas City Metro Region	Central Region	St. Louis Metro Region	South West Region	South East Region	Unknown Work County	Total
19_29	104	90	728	377	1451	235	415	9	3409
row %	0.30	0.26	2.07	1.07	4.13	0.67	1.18	0.03	9.70
column %	9.11	8.31	10.60	9.34	9.98	8.66	8.84	16.07	
30_39	203	212	1308	695	2389	526	819	14	6166
	0.58	0.60	3.72	1.98	6.80	1.50	2.33	0.04	17.55
	17.78	19.58	19.04	17.22	16.42	19.39	17.45	25.00	
40_49	302	290	1649	979	3609	689	1222	19	8759
	0.86	0.83	4.69	2.79	10.27	1.96	3.48	0.05	24.93
	26.44	26.78	24.01	24.26	24.81	25.40	26.03	33.93	
50_59	382	324	2224	1397	5090	884	1569	9	11879
	1.09	0.92	6.33	3.98	14.49	2.52	4.47	0.03	33.81
	33.45	29.92	32.38	34.62	34.99	32.58	33.43	16.07	
60_69	129	145	842	530	1775	336	596	5	4358
	0.37	0.41	2.40	1.51	5.05	0.96	1.70	0.01	12.40
	11.30	13.39	12.26	13.14	12.20	12.38	12.70	8.93	
70_79	20	18	92	44	180	35	57	0	446
	0.06	0.05	0.26	0.13	0.51	0.10	0.16	0.00	1.27
	1.75	1.66	1.34	1.09	1.24	1.29	1.21	0.00	
80_86	0	2	7	4	17	3	3	0	36
	0.00	0.01	0.02	0.01	0.05	0.01	0.01	0.00	0.10
	0.00	0.18	0.10	0.10	0.12	0.11	0.06	0.00	
UNKWN	2	2	19	9	34	5	13	0	84
	0.01	0.01	0.05	0.03	0.10	0.01	0.04	0.00	0.24
	0.18	0.18	0.28	0.22	0.23	0.18	0.28	0.00	
Total	1142	1083	6869	4035	14545	2713	4694	56	35137
	3.25	3.08	19.55	11.48	41.40	7.72	13.36	0.16	100.00

The St. Louis Metro Region has the most nurses at 41.4%, followed by Kansas City Metro Region at 19.6%.

		<u>Total</u>	<u>50-59</u>	<u>40-49</u>	<u>30-39</u>
➤ 41.4%	St. Louis Metro Region	14,545	5,099 35.0%	3,609 24.8%	2,389 16.2%
➤ 19.6%	Kansas City Metro Region	6,869	2,224 32.3	1,649 24.0	1,308 19.0
➤ 13.4%	Southeast Region	4,694	2,569 33.9	1,222 26.0	819 17.5
➤ 11.5%	Central Region	4,035	1,397 34.6	979 24.3	695 17.2
➤ 7.7%	Southwest Region	2,713	884 32.6	689 25.4	526 19.4
➤ 3.1%	Northeast Region	2,083	324 29.9	290 26.8	212 19.6
➤ 3.3%	Northwest Region	1,142	382 33.5	302 26.4	203 17.8
➤ 0.2%	Unknown work county	56			

NOTE: Percentages are rounded to the nearest tenth.