

An Overview of the Kansas Health Care Workforce

Nathan Kessler, Labor Economist

Kansas Department of Labor



The Health Care Workforce

- The Health Care workforce can be broken down into three primary industries:
 - Ambulatory Health Care Services (NAICS 621)
 - Hospitals (NAICS 622)
 - Nursing and Residential Care Facilities (NAICS 623)
- There are many health care occupations, but we will focus on data for the most in-demand health care occupations in the state:
 - Registered Nurses
 - Nursing Assistant
 - Home Health and Personal Care Aids
 - Licensed Practical and Licensed Vocational Nurses

The image features a white background with a blue and yellow geometric design at the top and bottom. The design consists of overlapping triangles and a horizontal line. The top section has a blue background with a yellow line, and the bottom section has a blue background with a yellow line. The text is centered in the white space.

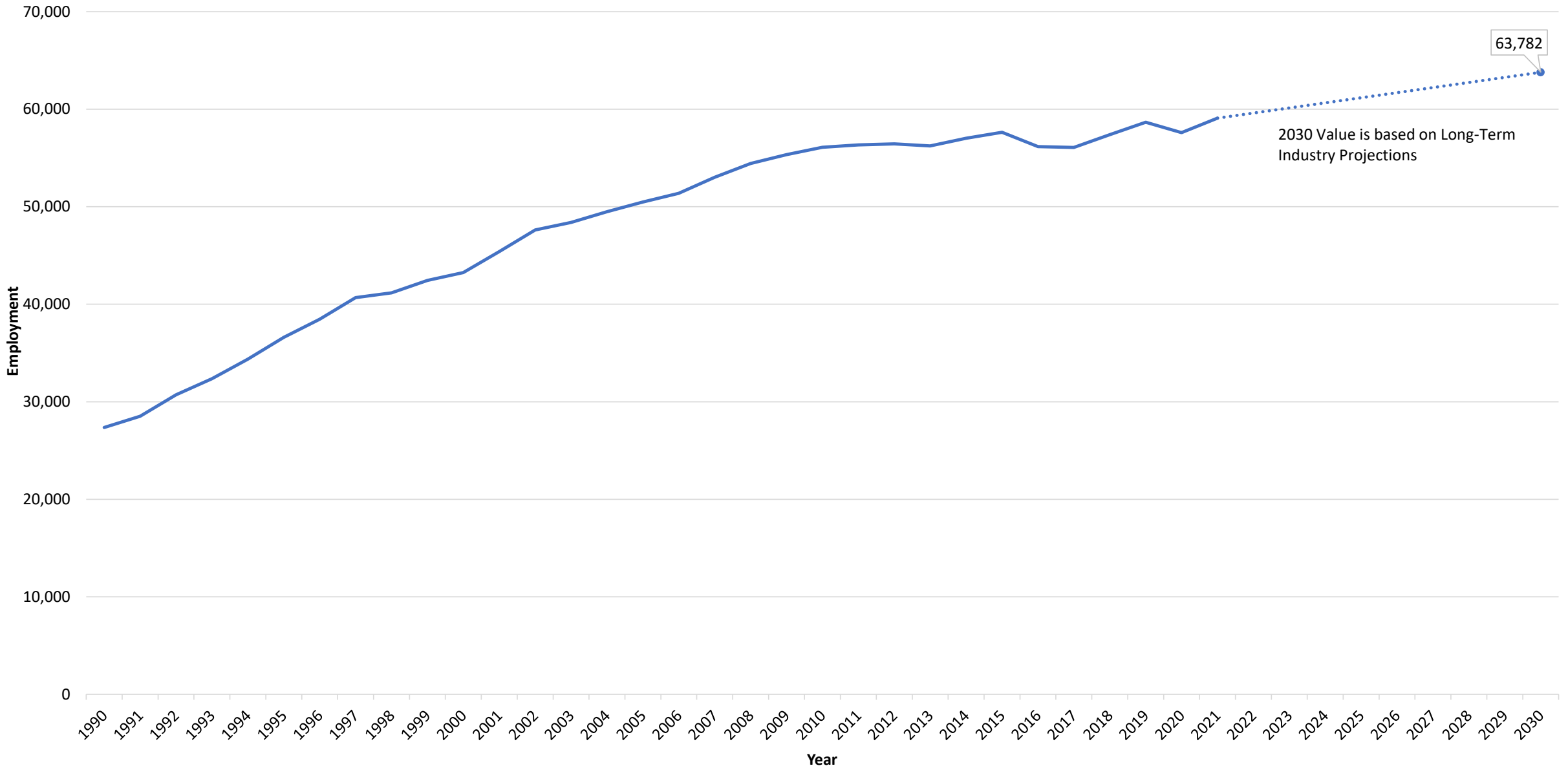
Health Care Workforce

Industry Information

Ambulatory Health Care Services

- According to the North American Industry Classification System:
 - Industries in the Ambulatory Health Care Services subsector provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Health practitioners in this subsector provide outpatient services, with the facilities and equipment not usually being the most significant part of the production process.
- Industry groups that are part of this subsector include:
 - Offices of Physicians
 - Offices of Dentists
 - Offices of Other Health Practitioners
 - Outpatient Care Centers
 - Medical and Diagnostic Laboratories
 - Home Health Care Services
 - Other Ambulatory Health Care Services

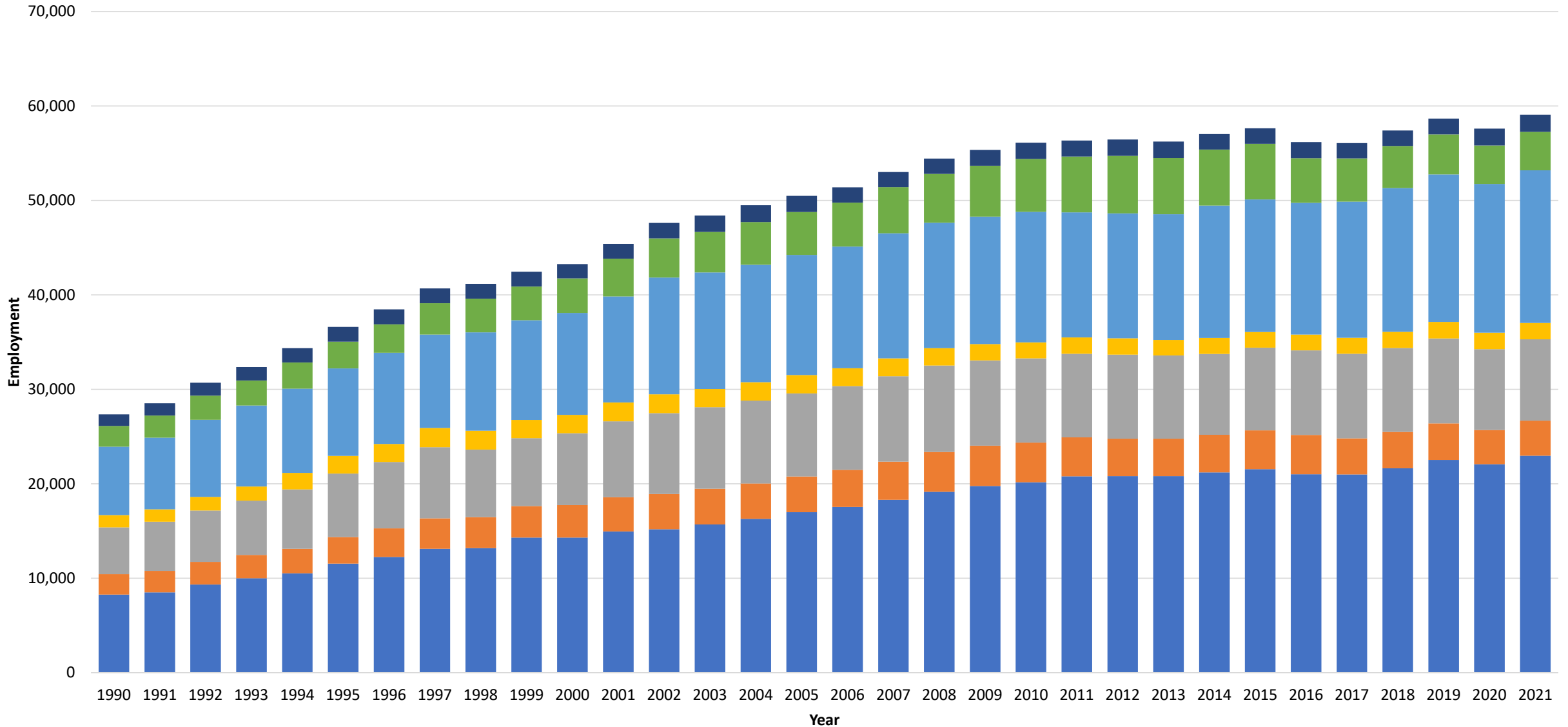
Ambulatory Health Care Services Employment
Kansas
1990 to 2030



2030 Value is based on Long-Term Industry Projections

Ambulatory Health Care Services Employment Kansas Projection Regions 1990 to 2021

■ KC ■ NC ■ NE ■ NW ■ SC ■ SE ■ SW

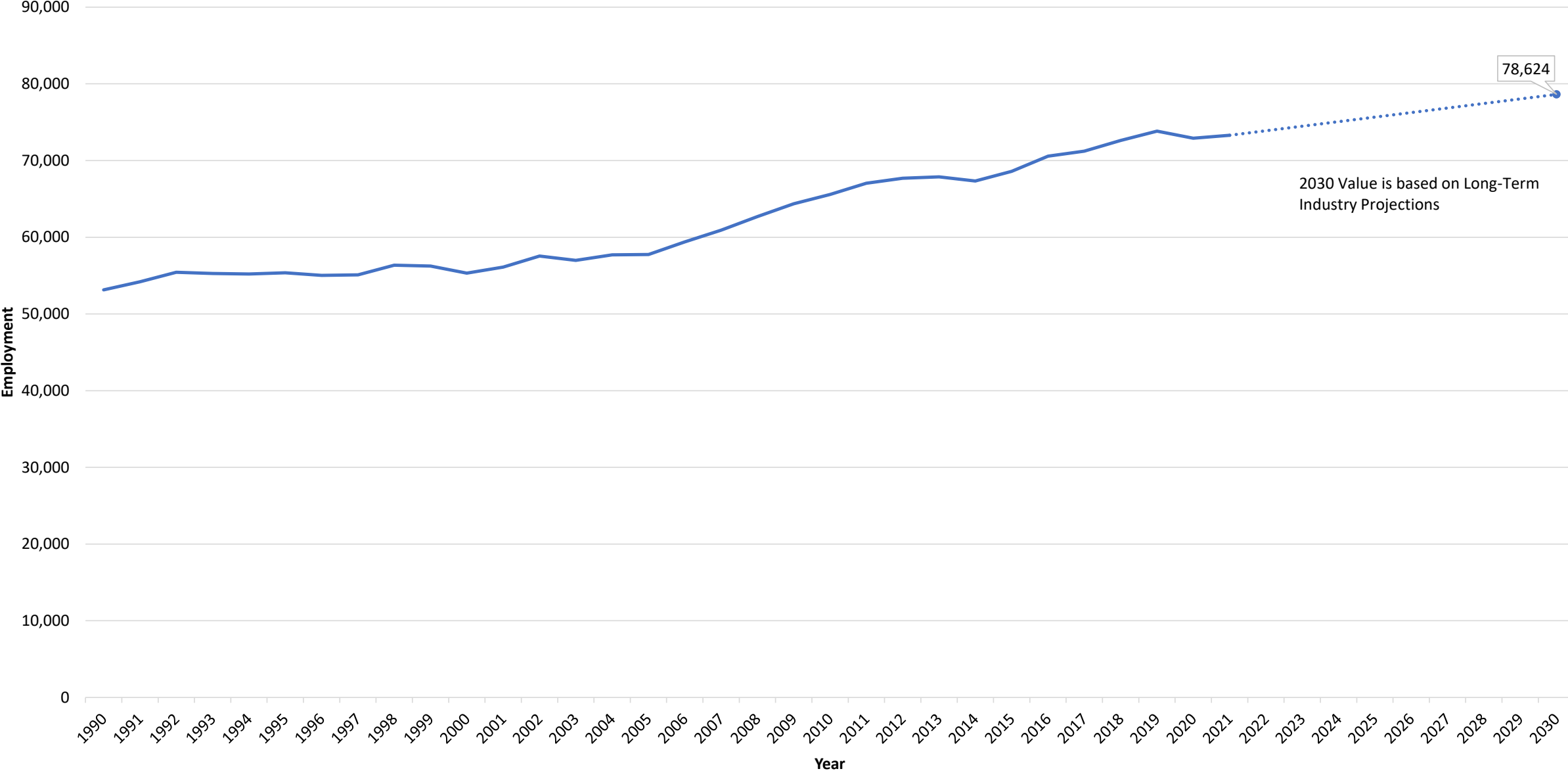


Source: Kansas Department of Labor, Labor Market Information Services; Employment Projections

Hospitals

- According to the North American Industry Classification System:
 - Industries in the Hospitals subsector provide medical, diagnostic, and treatment services that include physician, nursing, and other health services to inpatients and the specialized accommodation services required by inpatients. Hospitals may also provide outpatient services as a secondary activity. Establishments in the Hospitals subsector provide inpatient health services, many of which can only be provided using the specialized facilities and equipment that form a significant and integral part of the production process.
- Industry groups that are part of this subsector include:
 - General Medical and Surgical Hospitals
 - Psychiatric and Substance Abuse Hospitals
 - Specialty (except Psychiatric and Substance Abuse) Hospitals

Hospitals Employment
Kansas
1990 to 2030



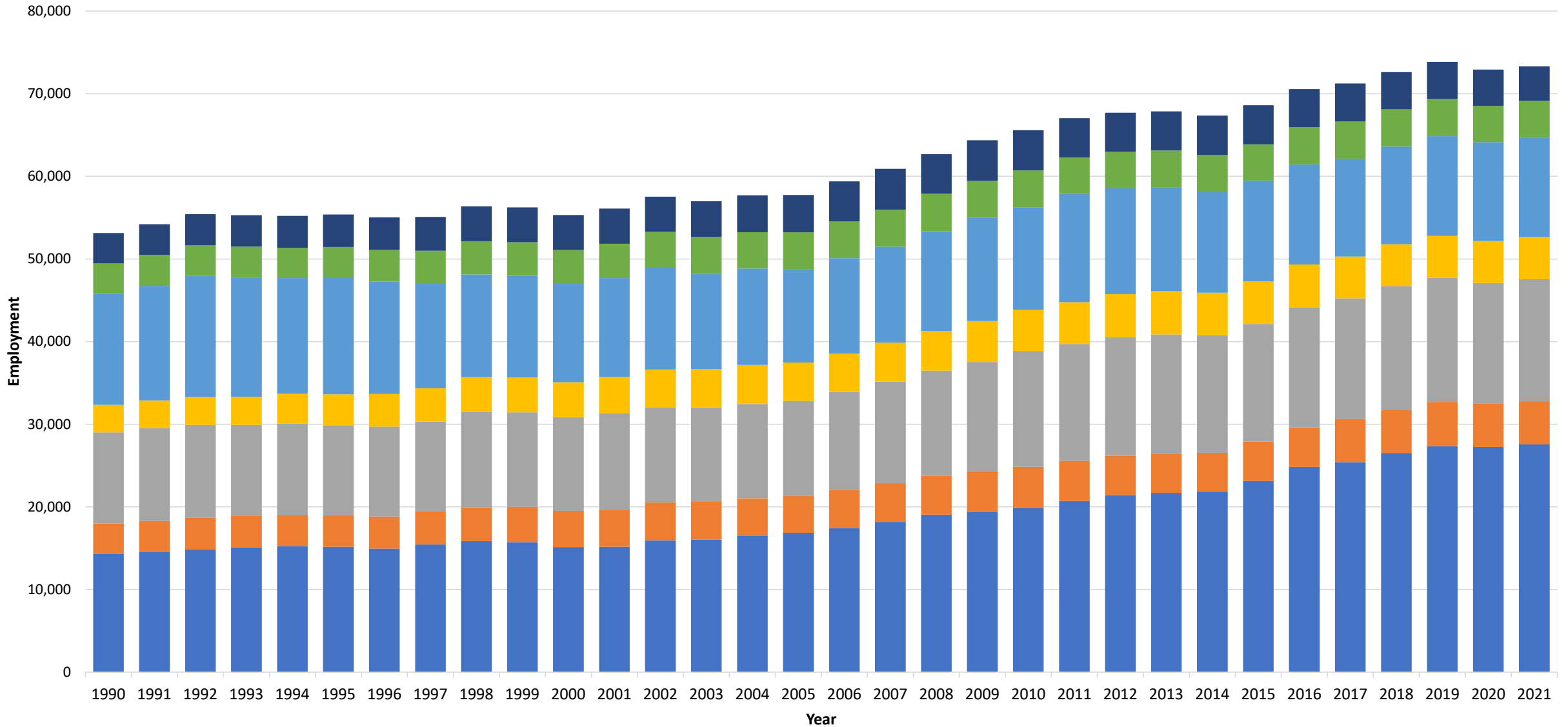
2030 Value is based on Long-Term Industry Projections

78,624

Source: Kansas Department of Labor, Labor Market Information Services; Employment Projections

Hospitals Employment Kansas Projection Regions 1990 to 2021

■ KC ■ NC ■ NE ■ NW ■ SC ■ SE ■ SW

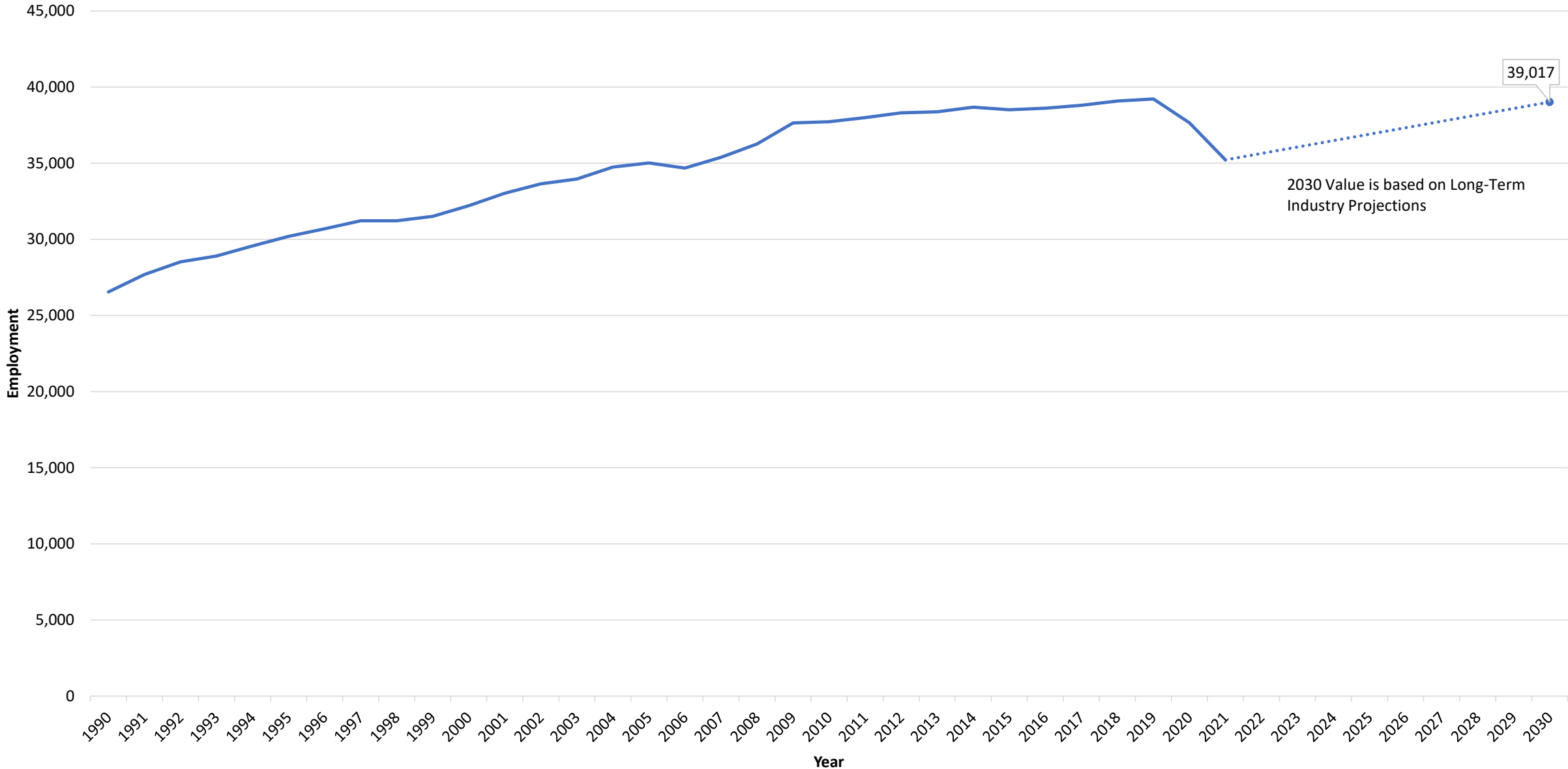


Source: Kansas Department of Labor, Labor Market Information Services; Employment Projections

Nursing and Residential Care Facilities

- According to the North American Classification System:
 - Industries in the Nursing and Residential Care Facilities subsector provide residential care combined with either nursing, supervisory, or other types of care as required by the residents. In this subsector, the facilities are a significant part of the production process and the care provided is a mix of health and social services with the health services being largely some level of nursing services.
- Industry groups that are part of this subsector include:
 - Nursing Care Facilities
 - Residential Mental Retardation, Mental Health, and Substance Abuse Facilities
 - Community Care Facilities for the Elderly
 - Other Residential Care Facilities

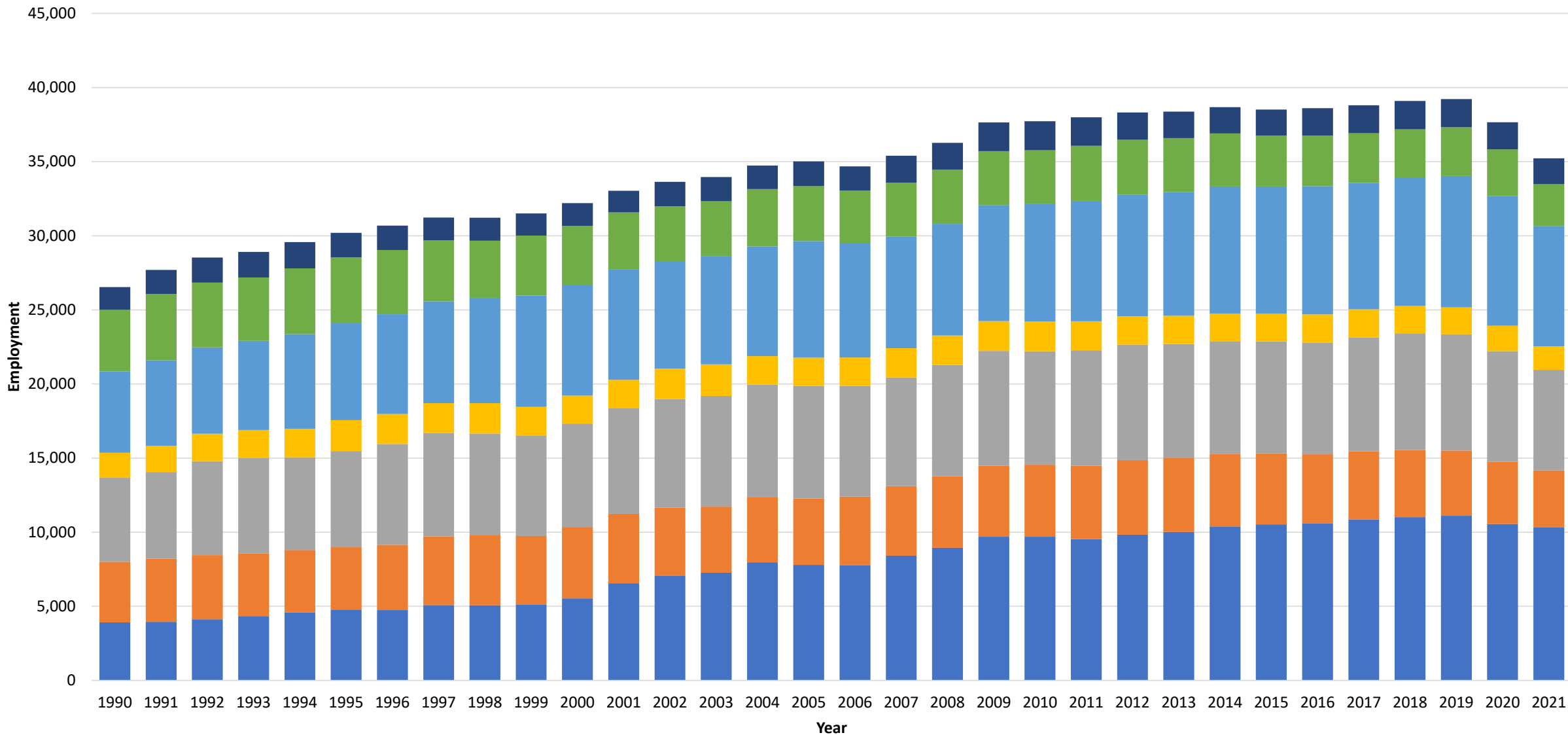
Nursing and Residential Care Facilities Employment
Kansas
1990 to 2030



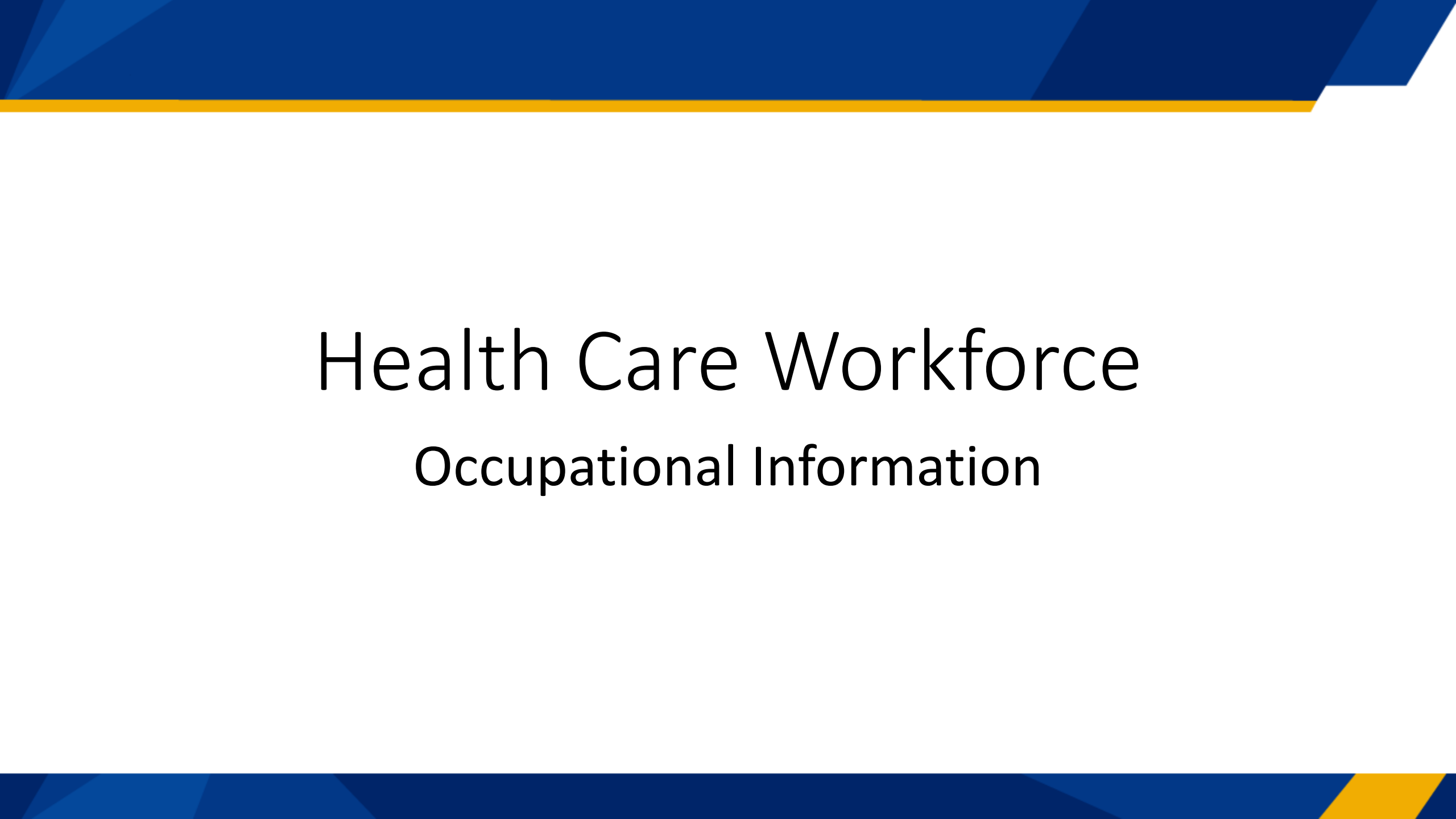
Source: Kansas Department of Labor, Labor Market Information Services; Employment Projections

**Nursing and Residential Care Facilities Employment
Kansas Projection Regions
1990 to 2021**

■ KC ■ NC ■ NE ■ NW ■ SC ■ SE ■ SW



Source: Kansas Department of Labor, Labor Market Information Services; Employment Projections



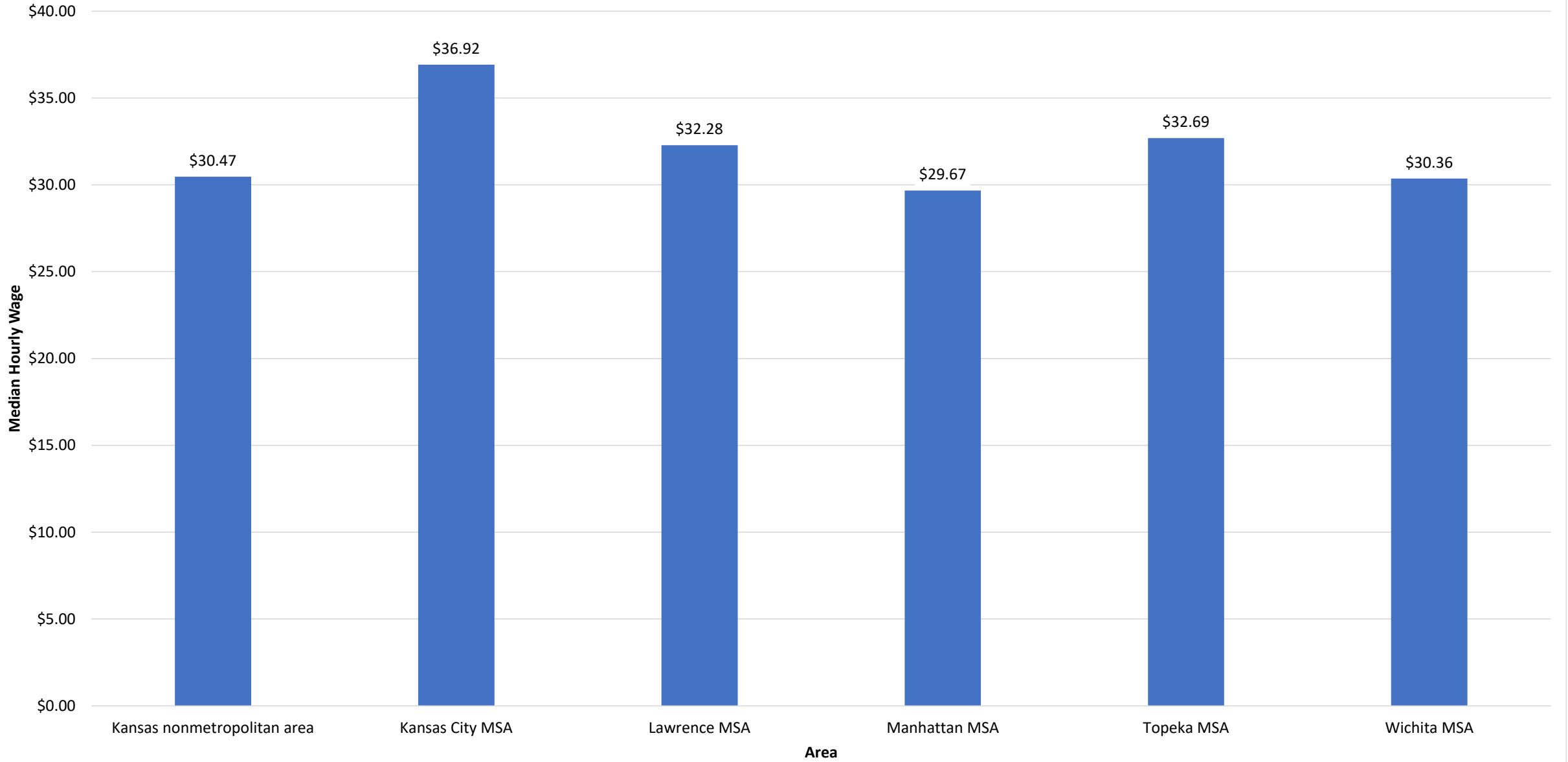
Health Care Workforce

Occupational Information

Registered Nurses

- According to the Bureau of Labor Statistics:
 - Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management.
- This is one of our High Demand/High Wage Occupations. This means there is strong demand across the state and the median wage is higher than the median across all occupations.
- Typical Education Needed for Entry: Bachelor's Degree
- Interesting Fact:
 - The Kansas Nonmetropolitan Area employs 8,050 registered nurses, the most of any nonmetropolitan area according to the BLS.
 - Despite the large number of registered nurses employed in the Kansas Nonmetropolitan Area, the location quotient for this occupation is 1.01. This means the employment concentration is similar to national estimates.

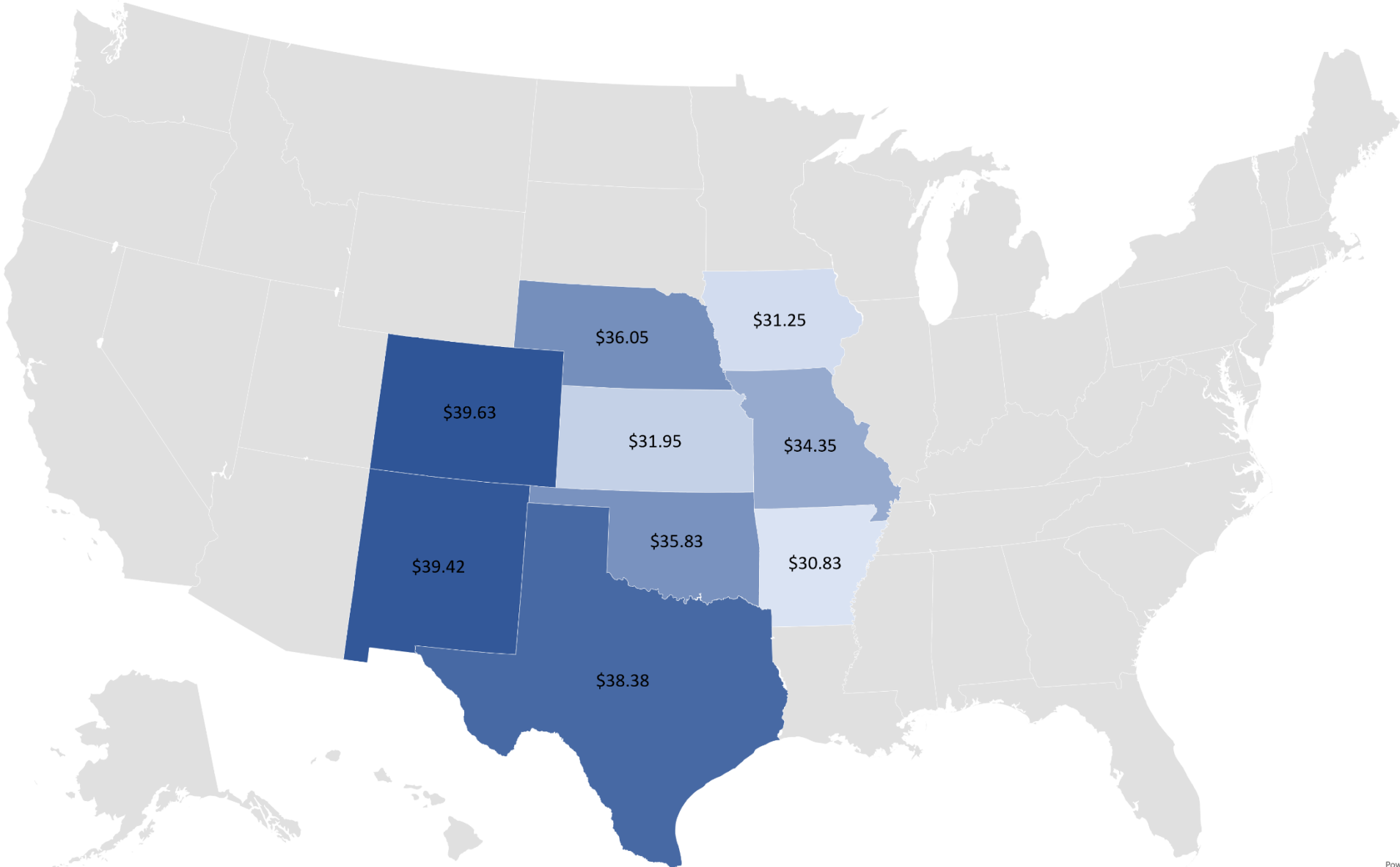
**Median Hourly Wage for Registered Nurses
Kansas Metropolitan Areas and Balance of State
May 2022**



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

Median Hourly Wage for Registered Nurses
Kansas and Surrounding States
May 2022

Median Hourly Wage
\$39.63
\$30.83



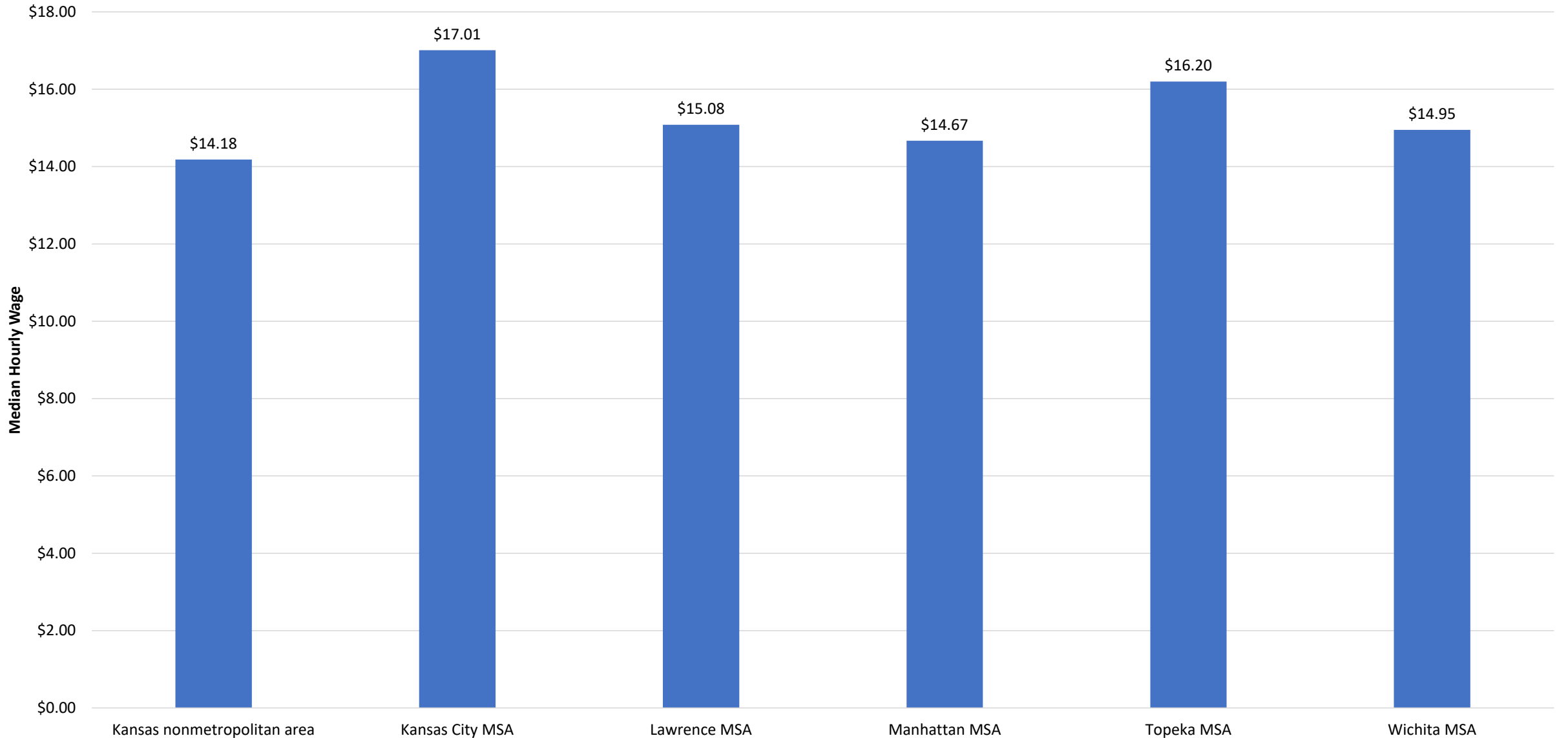
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

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Nursing Assistants

- According to the Bureau of Labor Statistics:
 - Provide or assist with basic care or support under the direction of onsite licensed nursing staff. Perform duties such as monitoring of health status, feeding, bathing, dressing, grooming, toileting, or ambulation of patients in a health or nursing facility. May include medication administration and other health-related tasks.
- This is one of our High Demand Occupations. This means there is strong demand for this occupation across the state.
- Typical Education Needed for Entry: Postsecondary nondegree award
- Interesting Fact:
 - The Kansas Nonmetropolitan Area employs 7,330 nursing assistants, the most of any nonmetropolitan area according to the BLS.
 - Kansas has the 4th highest concentration of nursing assistant jobs, with 21,310 employed across the state. That's 1.74 times more concentrated than nursing assistant jobs for the U.S.

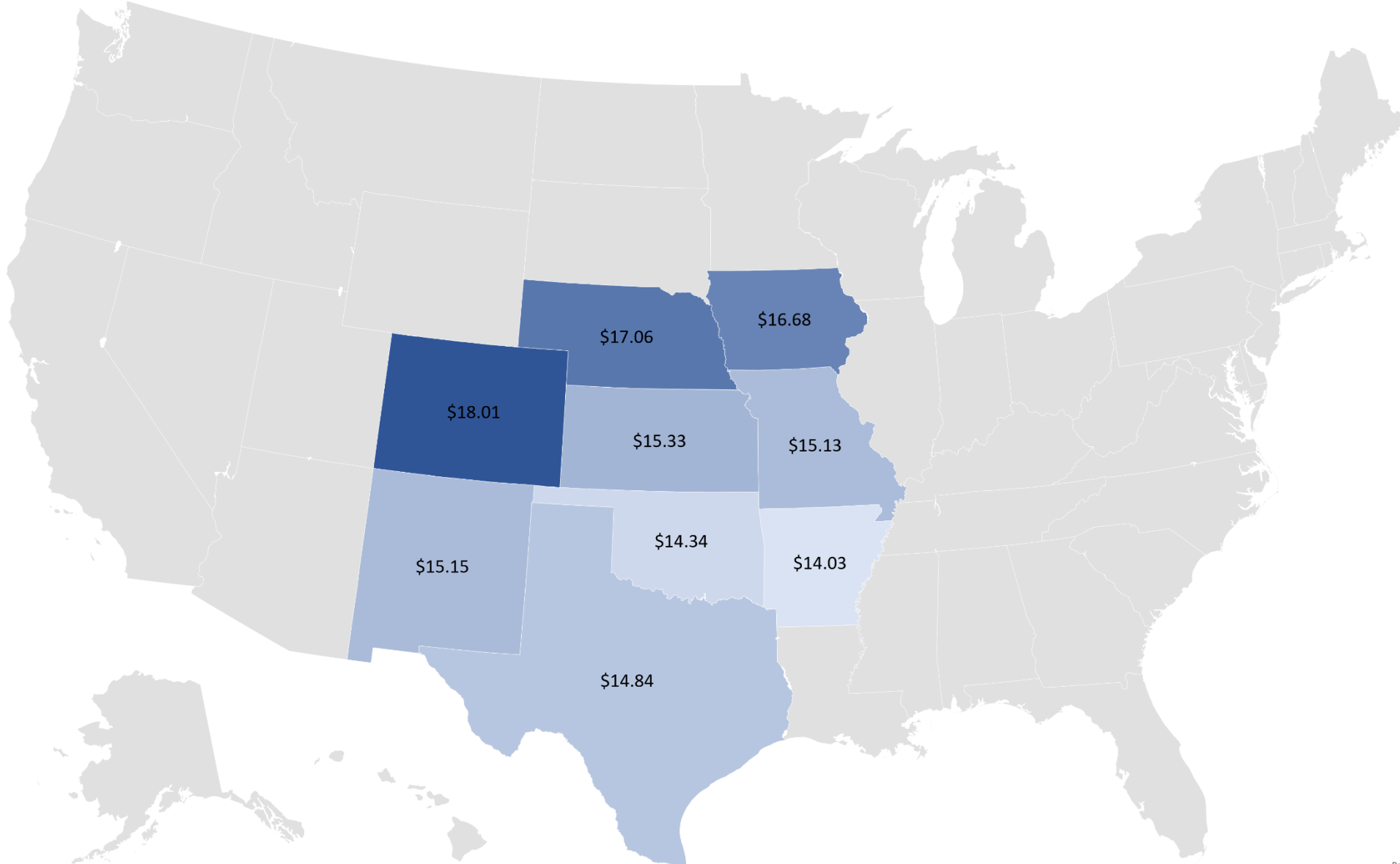
**Median Hourly Wage for Nursing Assistants
Kansas Metropolitan Areas and Balance of State
May 2022**



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

Median Hourly Wage for Nursing Assistants
Kansas and Surrounding States
May 2022

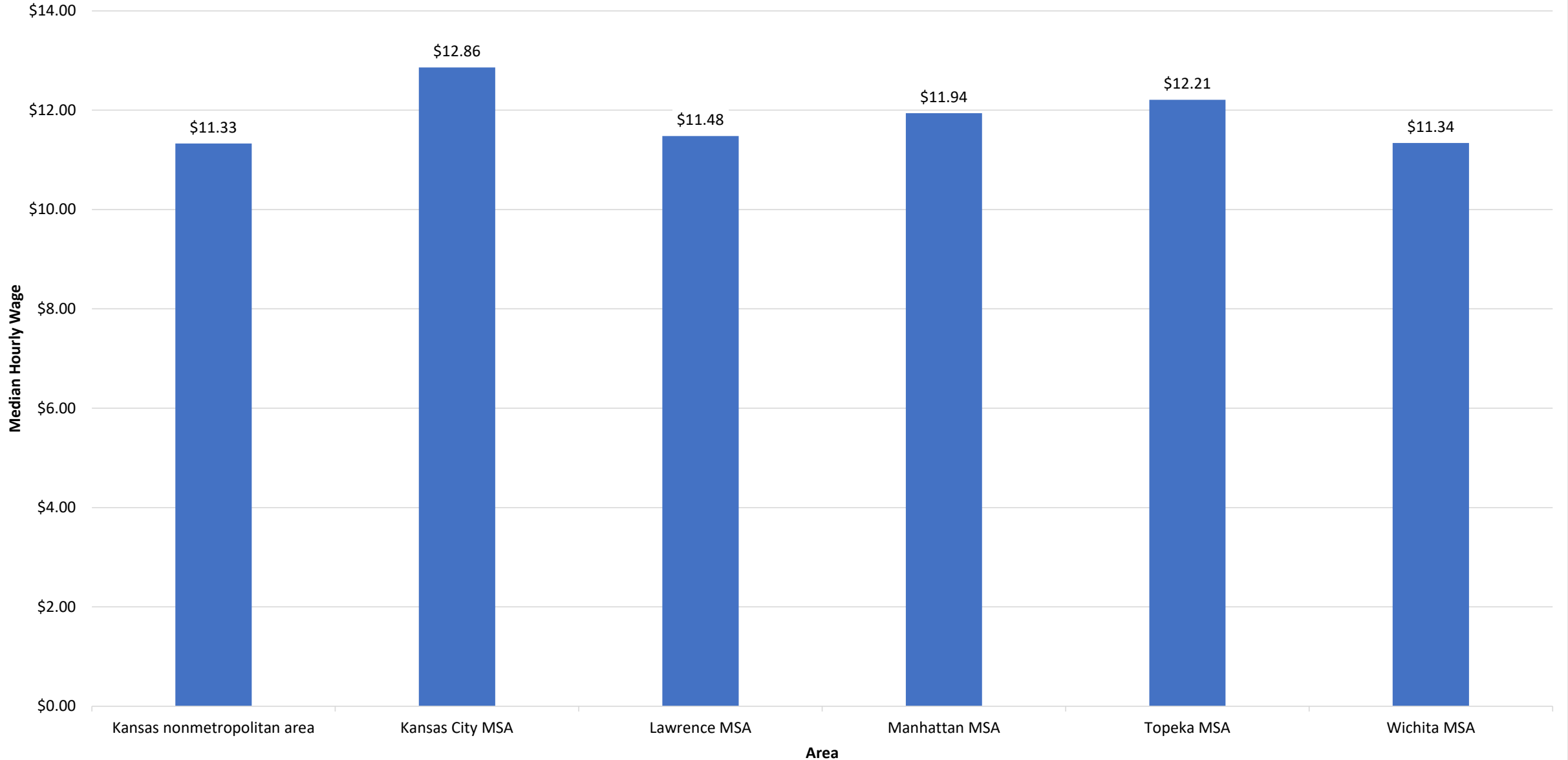
Median Hourly Wage
\$18.01
\$14.03



Home Health and Personal Care Aides

- According to the Bureau of Labor Statistics:
 - Home health and personal care aides monitor the condition of people with disabilities or chronic illnesses and help them with daily living activities. Home health and personal care aides work in a variety of settings, including clients' homes, group homes, and day services programs.
- This is one of our High Demand Occupations. This means there is strong demand for this occupation across the state
- Typical Education Needed for Entry: High school diploma or equivalent
 - Short-term on-the-job training may be required.
- Interesting Fact:
 - The Kansas Nonmetropolitan Area employs 7,450 home health and personal care aides, the third most of any nonmetropolitan area according to the BLS.
 - While the Kansas Nonmetropolitan Area employs a large number of home health and personal care aides, the location quotient for this occupation is only 0.82, indicating a lower employment concentration than the U.S.

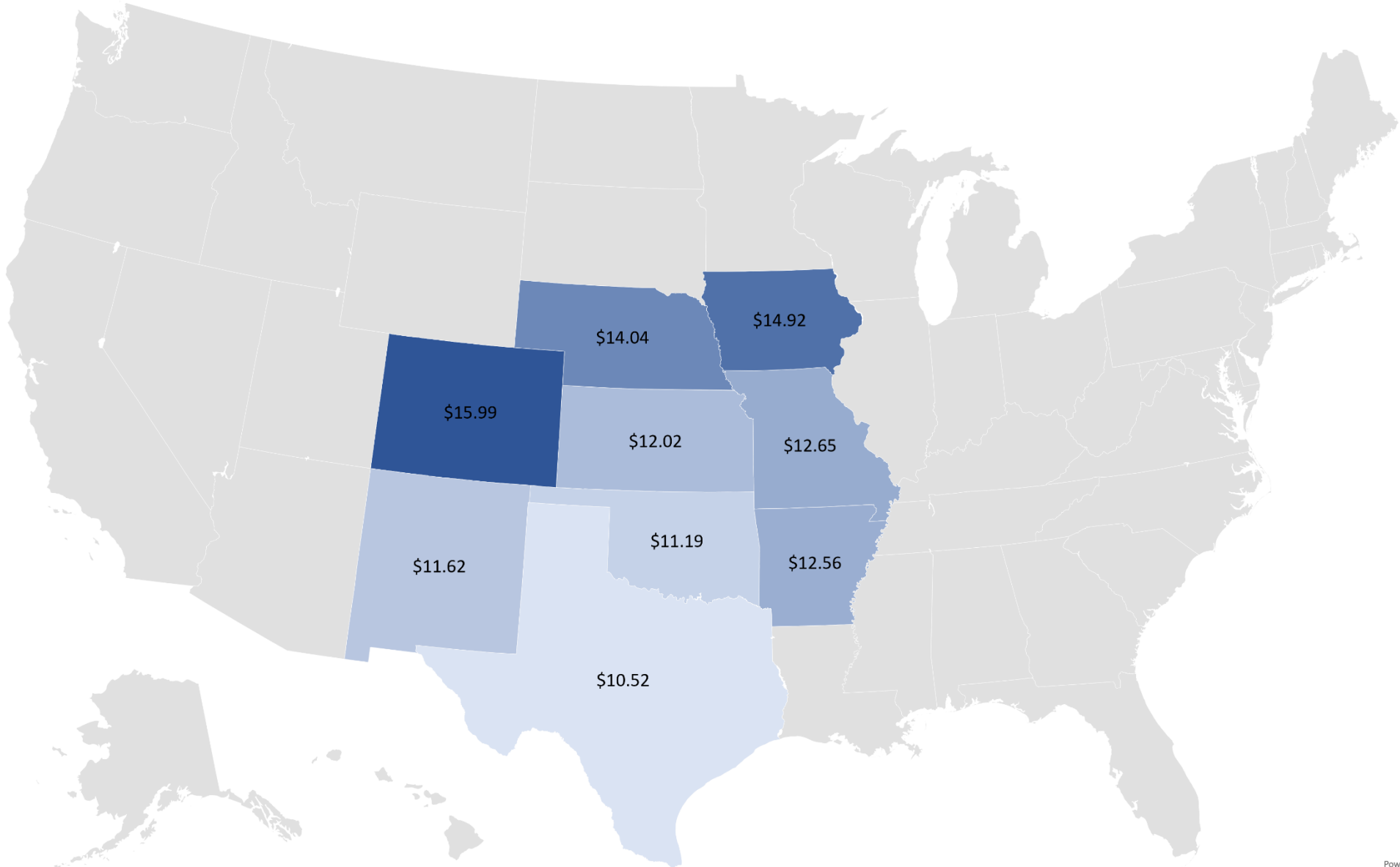
**Median Hourly Wage for Home Health and Personal Care Aides
Kansas Metropolitan Areas and Balance of State
May 2022**



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

Median Hourly Wage for Home Health and Personal Care Aides
Kansas and Surrounding States
May 2022

Median Hourly Wage
\$15.99
\$10.52



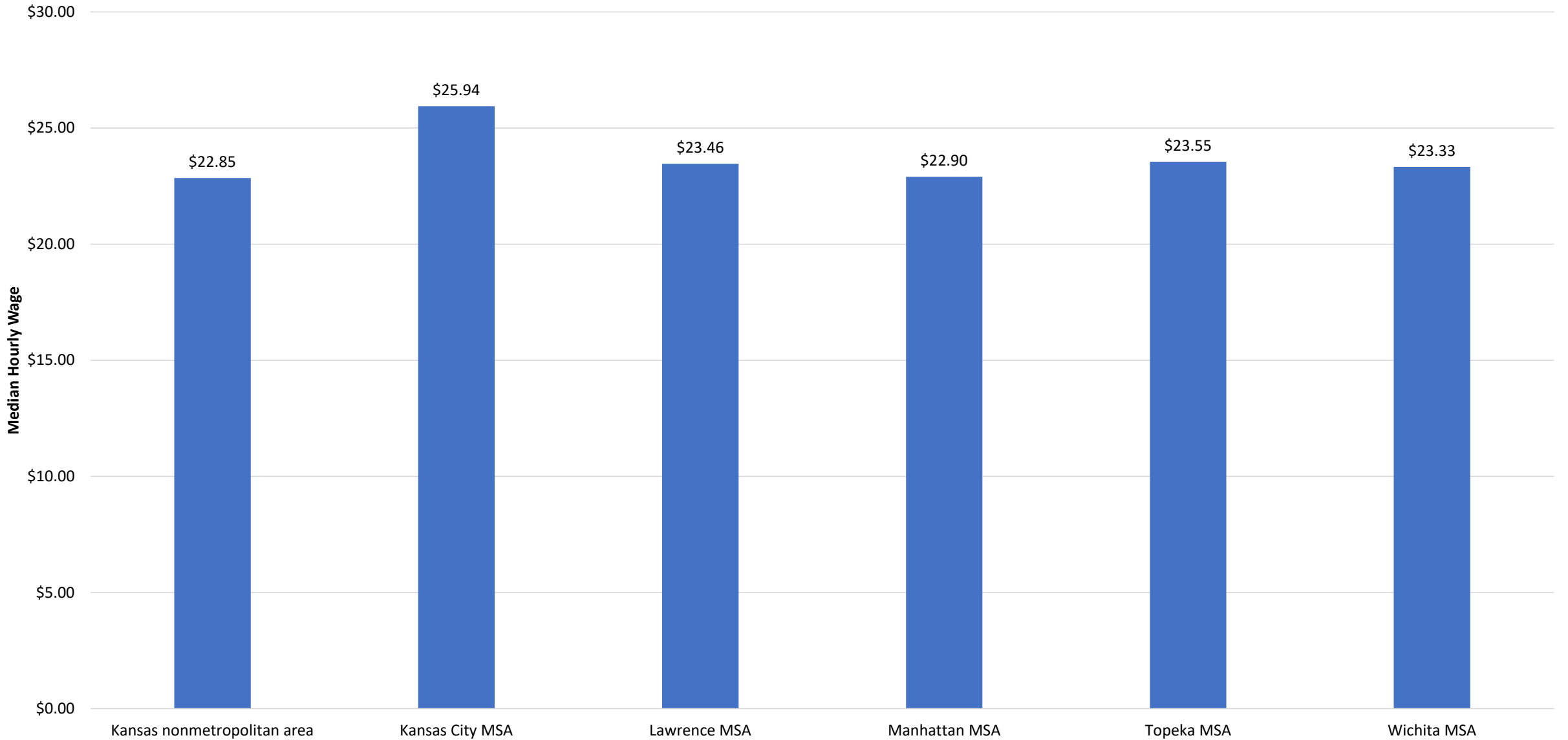
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

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Licensed Practical and Licensed Vocational Nurses

- According to the Bureau of Labor Statistics:
 - Licensed practical and licensed vocational nurses care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse.
- This is one of our High Demand/High Wage Occupations. This means there is strong demand across the state and the median wage is higher than the median across all occupations.
- Typical Education Needed for Entry: Postsecondary nondegree award
- Interesting Fact:
 - The Kansas Nonmetropolitan Area employs 2,210 licensed practical and licensed vocational nurses, the third most of any nonmetropolitan area according to the BLS.

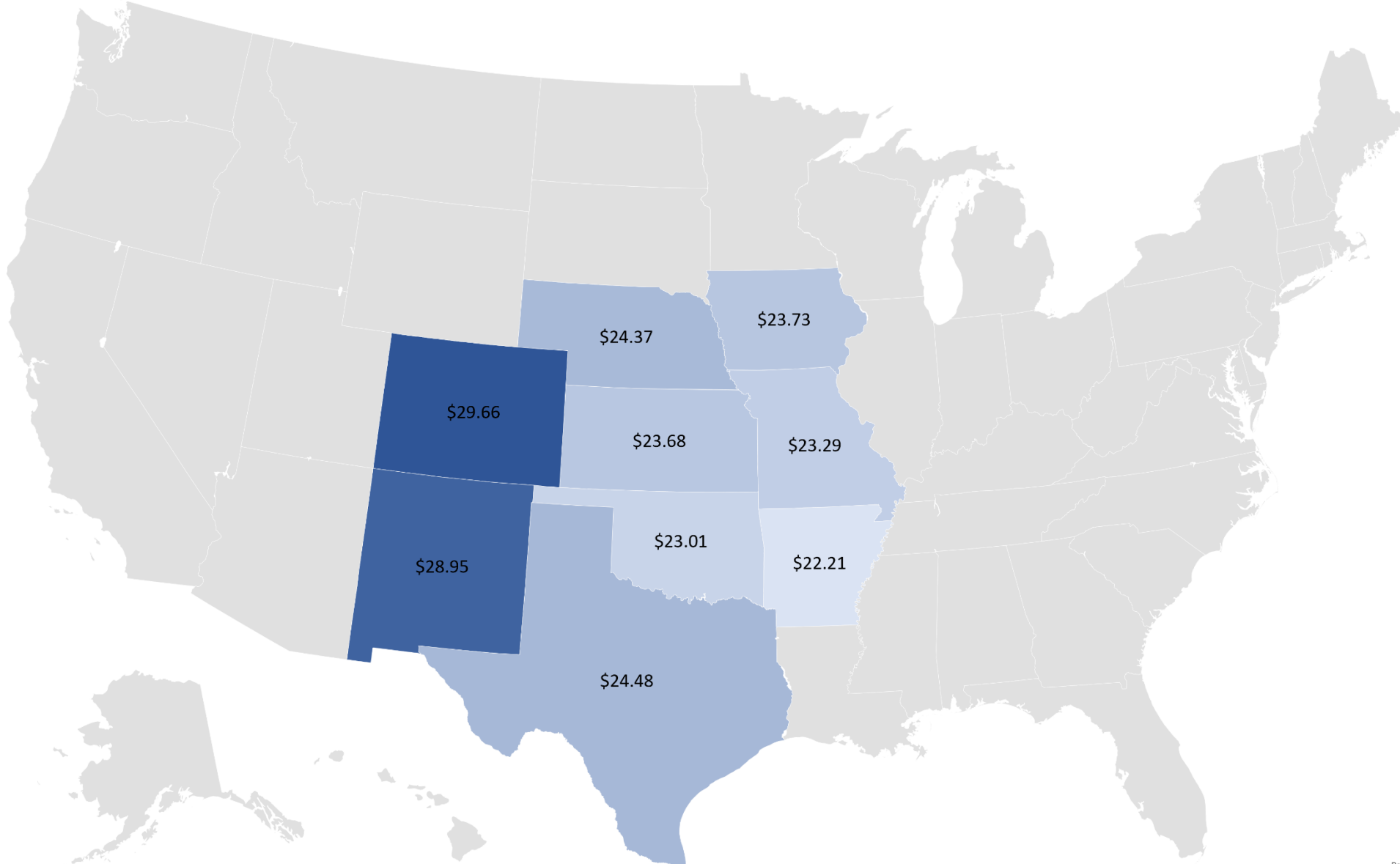
**Median Hourly Wage for Licensed Practical and Licensed Vocational Nurses
Kansas Metropolitan Areas and Balance of State
May 2022**



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

Median Hourly Wage for Licensed Practical and Licensed Vocational Nurses
Kansas and Surrounding States
May 2022

Median Hourly Wage
\$29.66
\$22.21



Additional Resources

HEALTH & BIO SCIENCES

JOB NOW - CAREER LATER



NOW

HIGH SCHOOL DIPLOMA & SHORT TO MODERATE-TERM ON-THE-JOB TRAINING

| | MEDIAN ANNUAL WAGE |
|---|--------------------|
| Home Health & Personal Care Aides | \$23,210 |
| Medical Secretaries & Administrative Assistants | \$36,590 |
| Pharmacy Technicians | \$36,630 |

NEXT

ASSOCIATE DEGREE

| | |
|--|----------|
| ★ Radiologic Technologists & Technicians | \$59,320 |
| ★ Physical Therapist Assistants | \$59,820 |
| ★ Dental Hygienists | \$75,700 |

LATER

BACHELOR'S OR DOCTORAL/PROFESSIONAL DEGREE

| | |
|-----------------------|-----------|
| ★ Registered Nurses | \$61,790 |
| ★ Physical Therapists | \$88,570 |
| ★ Pharmacists | \$127,940 |

★ = HIGH DEMAND, HIGH WAGE

HUMAN SERVICES

JOB NOW - CAREER LATER



NOW

HIGH SCHOOL DIPLOMA & SHORT-TERM ON-THE-JOB TRAINING

| | MEDIAN ANNUAL WAGE |
|-----------------------------------|--------------------|
| Childcare Workers | \$22,460 |
| Social & Human Service Assistants | \$36,360 |

NEXT

BACHELOR'S DEGREE

| | |
|--|----------|
| ★ Substance Abuse, Behavioral Disorder, & Mental Health Counselors | \$48,330 |
| ★ Child, Family, & School Social Workers | \$46,640 |

LATER

MASTER'S DEGREE & INTERNSHIP/RESIDENCY

| | |
|-----------------------------|----------|
| ★ Healthcare Social Workers | \$59,560 |
|-----------------------------|----------|

★ = HIGH DEMAND, HIGH WAGE



Kansas Department of Labor
Labor Market Information Services
401 SW Topeka Blvd.
Topeka, KS 66603
Phone: (785) 296-5000 Fax: (785) 296-5286

Visit our Website:
klic.dol.ks.gov
Contact Us:
KDOL.Laborstats@ks.gov

Sources: KDOL, Labor Market Information Services; 2022 Kansas High Demand Occupations & Occupational Employment and Wage Statistics (OEWS)



Kansas Department of Labor
Labor Market Information Services
401 SW Topeka Blvd.
Topeka, KS 66603
Phone: (785) 296-5000 Fax: (785) 296-5286

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Sources: KDOL, Labor Market Information Services; 2022 Kansas High Demand Occupations & Occupational Employment and Wage Statistics (OEWS)



Resources

- There are many labor market resources available through KDOL, BLS, and other organizations.
- KDOL:
 - Short-Term and Long-Term Industry/Occupation Projections
 - <https://klic.dol.ks.gov/vosnet/gsipub/documentView.aspx?enc=bZzHuxoek0NJ0T158TW3mQ==>
 - High Demand Occupation lists
 - <https://klic.dol.ks.gov/vosnet/gsipub/documentView.aspx?enc=XR1MJE2Q7Rmn9KjAm0oNxA==>
 - Economic Report and other publications
 - <https://klic.dol.ks.gov/vosnet/GSIPub/documentview.aspx?enc=HSp0fs/MVlotg+DwqXcoGw==>
- BLS:
 - Occupational Employment and Wage Statistics (OEWS)
 - <https://www.bls.gov/oes/>
 - Occupational Outlook Handbook
 - <https://www.bls.gov/ooh/>
- Others:
 - O*NET
 - <https://www.onetonline.org/>
 - KansasWorks
 - <https://www.kansasworks.com/>