Kansas Training Information Program (K-TIP) Glossary and Notes

Main data source(s)

KHEDS Academic Year Collection, Kansas Department of Labor Wage Records, Missouri Department of Labor & Institutional Research Wage Records

KHEDS: In response to the Kansas Higher Education Coordination Act, the Kansas Board of Regents developed the Kansas Postsecondary Database (KSPSD) to collect student data, Program Inventory (PI), Course Inventory (CI) and Courses within Programs (CWPs). Together these collections are referred to as the Kansas Higher Education Data System (KHEDS). KHEDS supports informed decision-making through the collection, analysis, and reporting of postsecondary education data in Kansas.

KHEDS includes several collections including the Academic Year Collection, Fall Preliminary Enrollment Collection, Fall Census Day Collection and Follow-up Collection.

Objective

The Kansas Training Information Program (K-TIP) report is prepared in response to K.S.A. 74-32,418. The Kansas Training Information Program (K-TIP) portal includes data for all approved postsecondary career technical education programs offered by technical colleges, community colleges, the Washburn University Institute of Technology, and the Wichita State University Campus of Applied Sciences and Technology. Information included in this report includes the number of career technical program majors enrolled and program concentrators, program graduates, students pursuing additional education/training, graduates exiting postsecondary and becoming employed, as well as the number of graduates employed and reported average and median wages.

Definitions

KHEDS: In response to the Kansas Higher Education Coordination Act, the Kansas Board of Regents developed the Kansas Postsecondary Database (KSPSD) to collect student data, Program Inventory (PI), Course Inventory (CI) and Courses within Programs (CWPs). Together these collections are referred to as the Kansas Higher Education Data System (KHEDS). KHEDS supports informed decision-making through the collection, analysis, and reporting of postsecondary education data in Kansas.

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Academic Discipline: an organizing tool based on occupational/career areas that include multiple career pathways and occupational specialties. The career clusters initially developed by the States Career Cluster Initiative (SCCI) include the following: Agriculture, Food and Natural Resources; Architecture and Construction; Arts, A/V Technology and Communications; Business Management and Administration; Education and Training; Finance; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law, Public Safety, Corrections, and Security; Manufacturing; Marketing; Science, Technology, Engineering & Mathematics; and Transportation, Distribution and Logistics. Additional information regarding career clusters can be found at https://careertech.org/career-clusters.

Program Name: refers to the specific career technical program at each institution. Program titles reflect the standard titles used by the National Center for Educational Statistics corresponding to CIP Codes.

Award Levels: are divided into associate/certificate levels or short-term programs.

- **Associate/Certificate:** include programs at the following award levels:
    - Associate of Applied Science Degree from 60 to 68 credit hours in length;
    - CERTC Technical Certificate from 45 to 59 credit hours in length;
    - CERTB Technical Certificate from 30 to 44 credit hours in length; and
    - CERTA Technical Certificate from 16 to 29 credit hours in length.

- **Short-Term Programs:** include only programs which are:
    - Documented in the Kansas Higher Education Data System (KHEDS) Program Inventory;
    - Less than 16 credit hours in length; and
    - For which an industry-recognized credential has been identified.

CIP Code: refers to the Classification on Instructional Program code which is a taxonomic scheme developed by the National Center for Educational Statistics that supports the accurate tracking and reporting of fields of study and program completions activity. Associated with each CIP code is a corresponding title and description of the program of study. Additional information regarding CIP codes can be found at http://nces.ed.gov/ipeds/cipcode/resources.aspx?y=55.

Total # Declared Majors: represents the number of students who were reported as declared majors for career technical education within the corresponding program during the reporting year (July 1 to June 30 of the following calendar year).

Total # Concentrators: represents the number of students identified as technical program majors who have completed at least 12 credit hours of technical coursework in the same program area.

Total # Pursuing Additional Education: represents the number of students within the declared majors in each program area who:
- subsequently returned to the same postsecondary institution; or
- transferred to another public postsecondary educational institution in Kansas to pursue additional/advanced education or training the following school year.

This number also includes program graduates who returned to pursue additional education/training the following school year.

Total # Graduates: represents the number of students who completed a career technical education program and earned an associate degree, technical certificate or short-term career technical education program.

Total # Graduates Exited: represents the number of graduates with declared majors in each program area who left public postsecondary education in Kansas.

Total # Graduates Exited and Employed - represents the number of students with declared majors in each program area who:
- completed a career technical education program and earned an associate degree, technical certificate or completed an identified short-term technical program during the reporting year; and
- left public postsecondary education; and
- were determined to be employed (in military service, apprenticeships, or employed in the workforce by the end of the 2nd quarter after exiting postsecondary education.

Program graduates returning to public postsecondary education in Kansas are not included in this number.

Average Wage and Median Wage Graduates Exited and Employed: represents the earnings of program graduates within the declared majors who:

- left public postsecondary education; and
- were determined to be employed by the end of the 2nd quarter after exiting postsecondary education; and
- for which salary information was available.

Wages are calculated on an annual basis as reported by students during the follow-up surveys conducted by the institution and/or reported through a review of the unemployment insurance files provided by the Kansas Department of Labor and Missouri Department of Labor as available.

Tab Components

Tables
The tables found in the portal are annual reports. As such, the data contained within a table is for just one academic year at time.

Small-cell protection ensures the Kansas Board of Regents is compliant with existing laws on data privacy such as the Family Educational Rights and Privacy Act (FERPA). Data masking techniques include masking aggregate and microdata with a value of less than five. Additionally, both the KTIP report and the portal rely upon secondary suppression to mask not only the small cells with values of less than five, but also to mask the next lowest values to prevent the disclosure of personally identifiable information (PII).

Academic Discipline	CIP Code	Program Name	Total # Declared Majors	Total # Concentrators	Total # Pursuing Additional Education	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
Agriculture, Food & Natural Resources	01.0205	Agricultural Mechanics And Equipment/Machine Technology/Technician	34	17	14	9	9	9	$45,481	$43,882
Agriculture, Food & Natural Resources	01.0104	Farm/Farm And Ranch Management	43	23	28	9	5	5	$23,099	$24,160
Architecture & Construction	46.0201	Carpentry/Carpenter	53	41	37	31	7	^	^	^
Architecture & Construction	46.0302	Electrician	12	10	10	^	^	^	^	^
Arts, Audio/Video Technology & Communications	10.0303	Prepress/Desktop Publishing And Digital Imaging Design	51	20	32	8	^	^	^	^
Arts, Audio/Video Technology & Communications	10.0202	Radio And Television Broadcasting Technology/Technician	38	21	20	7	5	5	$24,332	$24,568
Arts, Audio/Video Technology & Communications	10.0203	Recording Arts Technology/Technician	^	^	^	^	^	^	^	^
Business Management & Administration	52.0401	Administrative Assistant And Secretarial Science, General	^	^	^	^	^	^	^	^
Business Management & Administration	51.0707	Health Information/Medical Records Technology/Technician	288	161	146	70	62	48	$53,969	$45,336
Business Management & Administration	51.0713	Medical Insurance Coding Specialist/Coder	62	26	26	10	8	^	^	^
Finance	52.0302	Accounting Technology/Technician And Bookkeeping	46	16	21	11	9	6	$47,891	$43,522
Health Science	51.0904	Emergency Medical Technology/Technician (Emt Paramedic)	84	50	34	29	26	26	$58,622	$58,134
Health Science	51.3901	Licensed Practical/Vocational Nurse Training	108	61	55	40	23	21	$49,407	$49,702
Health Science	51.0806	Physical Therapy Assistant	52	51	16	25	24	24	$35,951	$40,135
Health Science	51.0911	Radiologic Technology/Science - Radiographer	52	51	37	15	15	15	$54,888	$53,066
Health Science	51.3801	Registered Nursing/Registered Nurse	204	121	131	78	62	32	$58,900	$65,742
Health Science	51.0908	Respiratory Care Therapy/Therapist	39	27	28	10	9	9	$51,394	$56,997
Health Science	51.0909	Surgical Technology/Technologist	14	8	5	8	8	8	$48,011	$48,297
Human Services	12.0401	Cosmetology/Cosmetologist, General	123	74	51	46	39	38	$16,410	$16,130
Information Technology	11.1006	Computer Support Specialist	25	9	11	^	^	^	^	^
Information Technology	11.0901	Computer Systems Networking And Telecommunications	25	15	16	5	^	^	^	^
Information Technology	11.0801	Web Page, Digital/Multimedia And Information Resources Design	18	7	11	^	^	^	^	^

Academic Discipline	CIP Code	Program Name	Total # Declared Majors	Total # Concentrators	Total # Pursuing Additional Education	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
Law, Public Safety, Corrections & Security	43.0107	Criminal Justice/Police Science	16	5	^	^	^	^	^	^
Law, Public Safety, Corrections & Security	43.0203	Fire Science/Fire-Fighting	208	106	79	56	42	38	$48,445	$53,090
Law, Public Safety, Corrections & Security	22.0302	Legal Assistant/Paralegal	44	21	22	8	7	5	$44,734	$45,693
Manufacturing	15.1302	Cad/Cadd Drafting And/Or Design Technology/Technician	53	25	35	7	7	7	$46,588	$43,296
Manufacturing	15.0303	Electrical, Electronic, And Communications Engineering Technology/Technician	15	8	7	5	^	^	^	^
Manufacturing	48.0501	Machine Tool Technology/Machinist	26	11	13	9	8	8	$32,906	$31,626
Manufacturing	15.0613	Manufacturing Engineering Technology/Technician	64	27	40	6	5	5	$52,418	$60,164
Manufacturing	48.0508	Welding Technology/Welder	136	90	78	56	28	28	$40,390	$43,341
Science, Technology, Engineering & Mathematics	15.0406	Automation Engineer Technology/Technician	37	20	15	7	6	6	$84,008	$89,797
Transportation, Distribution & Logistics	47.0603	Autobody/Collision And Repair Technology/Technician	28	23	13	9	8	8	$36,077	$26,352
Transportation, Distribution & Logistics	47.0604	Automobile/Automotive Mechanics Technology/Technician	86	43	51	27	6	5	$29,100	$29,176
Institutional Grand Total			2,096	1,192	1,090	618	449	381	$44,984	$44,148

Hutchinson Community College by Short-Term
Academic Year 2024

Academic Discipline	CIP Code	Program Name	Total # Declared Majors	Total # Concentrators	Total # Pursuing Additional Education	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
Health Science	51.0810	Emergency Care Attendant (Emt Ambulance)	173	127	66	126	73	62	$31,987	$22,260
Health Science	51.2602	Home Health Aide/Home Attendant	9	^	^	^	^	^	^	^
Health Science	51.2603	Medication Aide	96	84	51	84	39	39	$35,016	$34,013
Health Science	51.3902	Nursing Assistant/Aide And Patient Care Assistant/Aide	265	241	183	241	67	55	$17,817	$18,254
Health Science	51.1009	Phlebotomy Technician/Phlebotomist	39	36	22	36	16	16	$31,817	$29,842
Health Science	51.2604	Rehabilitation Aide	^	^	^	^	^	^	^	^
Human Services	12.0413	Cosmetology, Barber/Styling, And Nail Instructor	^	^	^	^	^	^	^	^
Law, Public Safety, Corrections & Security	43.0203	Fire Science/Fire-Fighting	66	12	25	12	10	10	$71,524	$68,274
Transportation, Distribution & Logistics	49.0205	Truck And Bus Driver/Commercial Vehicle Operator And Instructor	184	108	12	108	101	82	$54,685	$52,209
Institutional Grand Total			836	609	365	608	306	264	$38,198	$35,011

Sources: KHEDS Academic Year Collection, KDOL and MDOLIR Wage Records; report produced 08/27/25 at 14.51.43

^ Indicates a cell has been marked for small-cell protection or no data has been reported.