Economic & Workforce Health Report

Larimer County Workforce Development Board

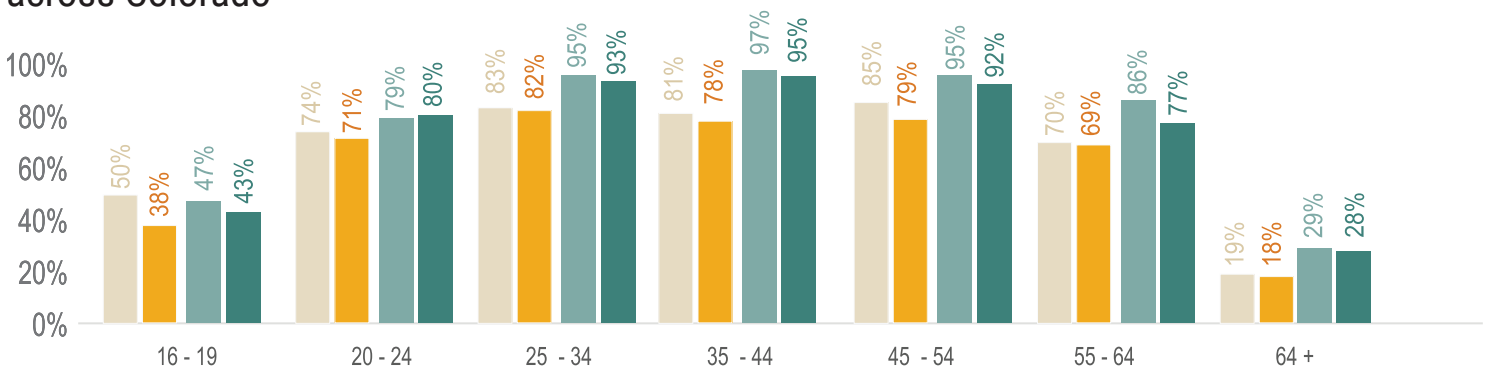
Spring 2017

Colorado State University Extension

LARIMER COUNTY WORKFORCE CENTER

LARIMER COUNTY
COMMITTED TO EXCELLENCE

2015 Labor force participation Rate (%) by age and gender in Larimer County and across Colorado



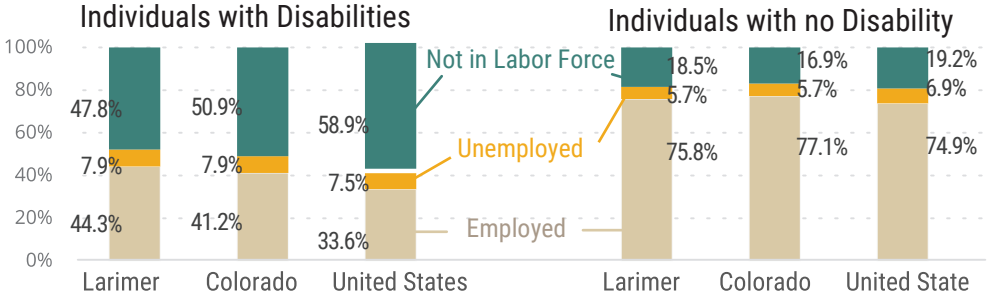
Civilian labor force participation rate includes people who are 16 years or older and either employed or unemployed seeking work. In general, Larimer has at least as high a participation rate as the state of Colorado as whole.

Source: Bureau of Labor Statistics Labor Force Participation Rate (Series LNS11300000)

Females
- Larimer
- Colorado

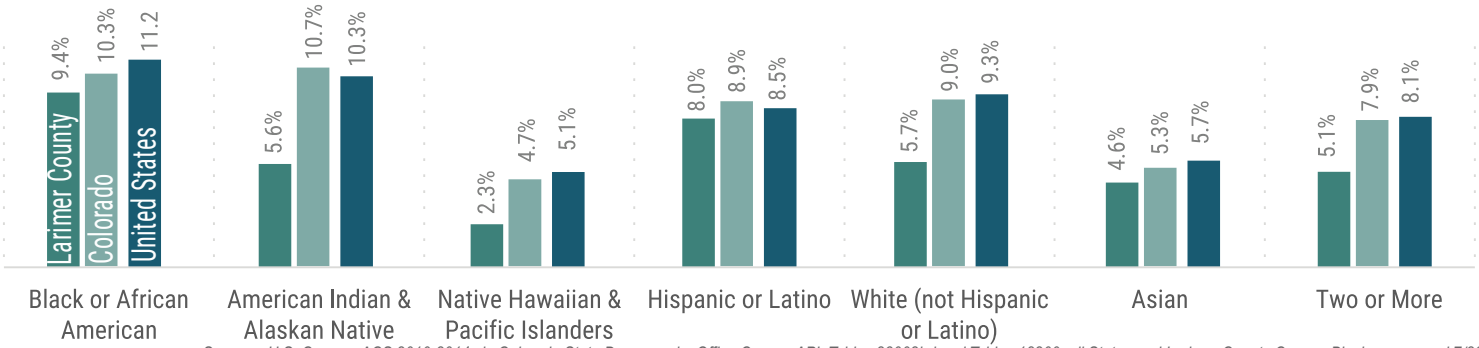
Males
- Larimer
- Colorado

Larimer has a higher rate of laborforce participation for people with disabilities than Colorado or the U.S. as a whole.



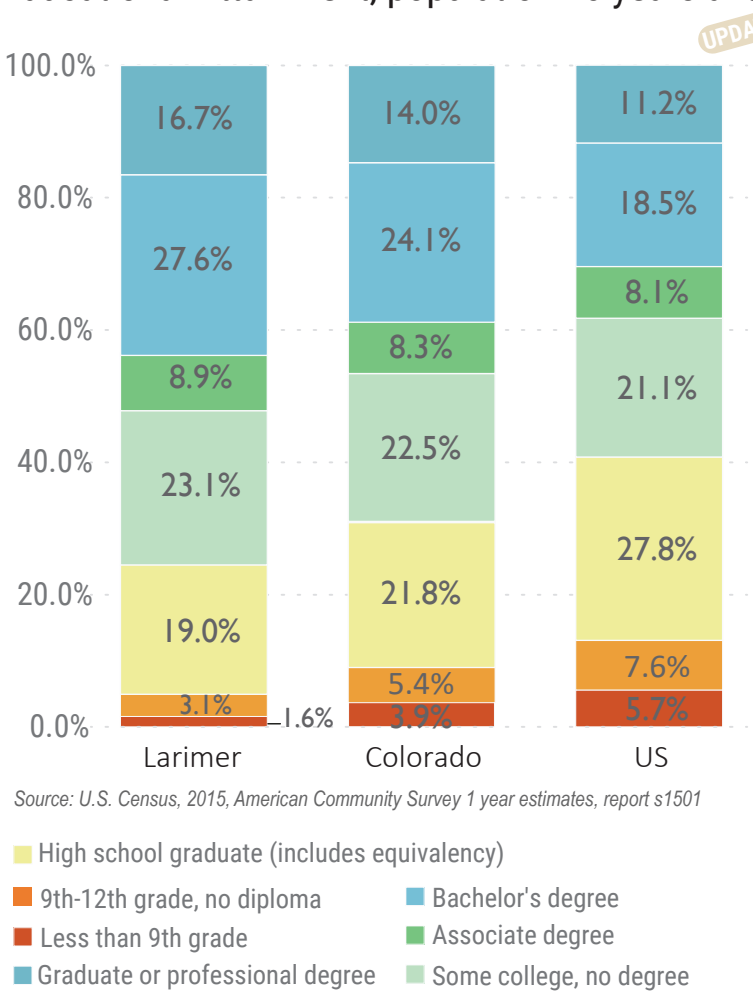
Key Facts: Labor Force and Employment

Unemployment Rate by Race/Ethnicity in Larimer, Colorado and the U.S.



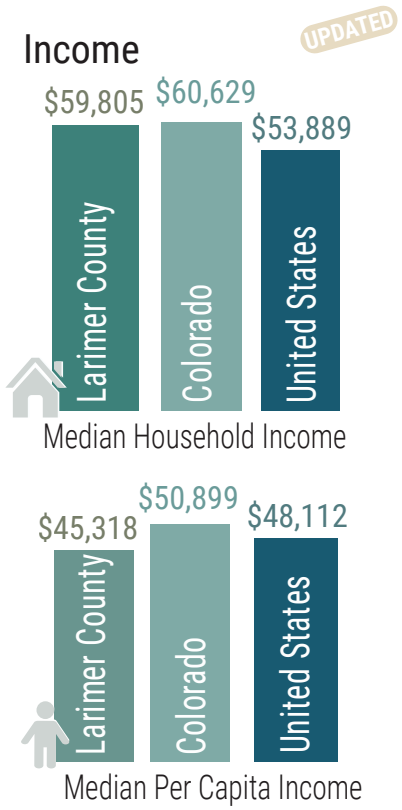
Sources: U.S. Census, ACS 2010-2014 via Colorado State Demography Office Census API. Table c23002b-i and Table c18200, all States and Larimer County Census Blocks, accessed 7/20/2016.

Educational Attainment, population 25 years and over



Source: U.S. Census, 2015, American Community Survey 1 year estimates, report s1501

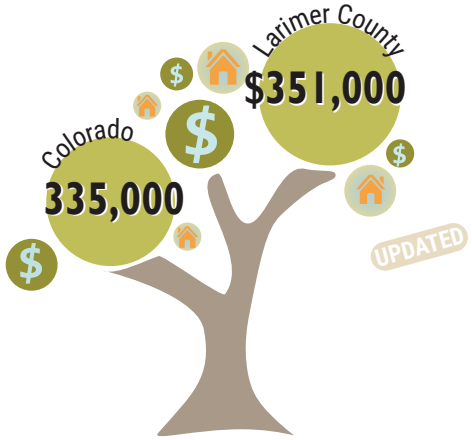
Income



Source: Bureau of Economic Analysis, Per Capita Local Area Personal Income, 2015; US Census American Fact Finder 2015 ACS 5-year estimates.

Key Facts: Educational Attainment, Income, Home Prices

2016 Median Single Family Home Sales Price



Who Can Afford to Buy a Home in Larimer?

To purchase a home at the 2016 median price without being cost burdened, a household would need to earn around

$70,600 per year.

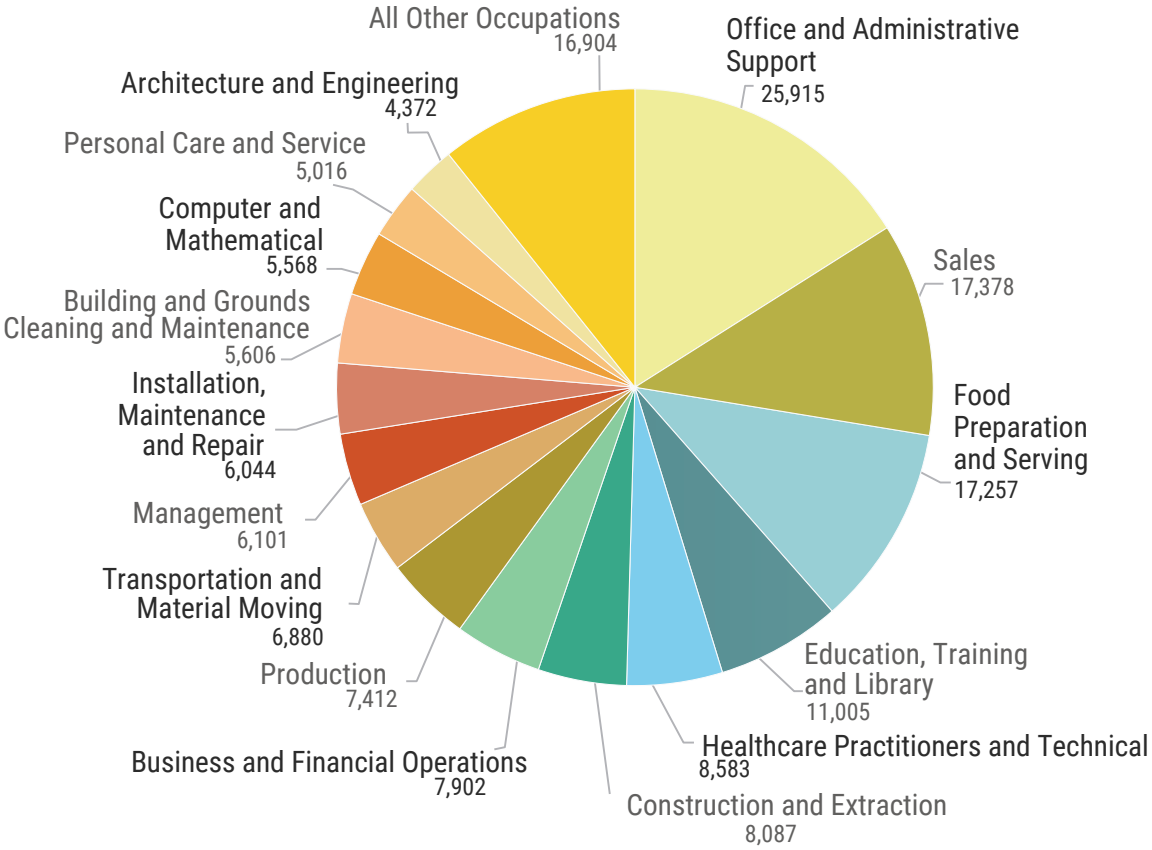
UPDATED

In 2015, **fewer than 1/2** of Larimer County households had this level of income.

Home Sales Price information from: Colorado Association of Realtors December 2016 Statewide and County reports.http://www.coloradorealtors.com/market-trends/regional-and-statewide-statistic
Median Income from US Census Bureau, ACS 2015 table b19001001. Affordability estimation assumes 20% down, no financing of fees, 3.7% IR on a 30-year fixed rate mortgage, monthly utility cost $160, $0 association fees, and property tax payment of $1850 per year.

Top Occupations by Number of Jobs

UPDATED



Of the 159,898 jobs in Larimer county, 16% are in office and administrative support, 11% are in sales and 11% are in Food preparation and serving.

Source: EMSI 2017.1 Occupation Table, Larimer County Colorado. 2016 Top Occupations (2-digit) in Larimer County, CO

Key Facts: Occupations and Jobs

County Job Counts by Typical Education Level Required for Entry Level

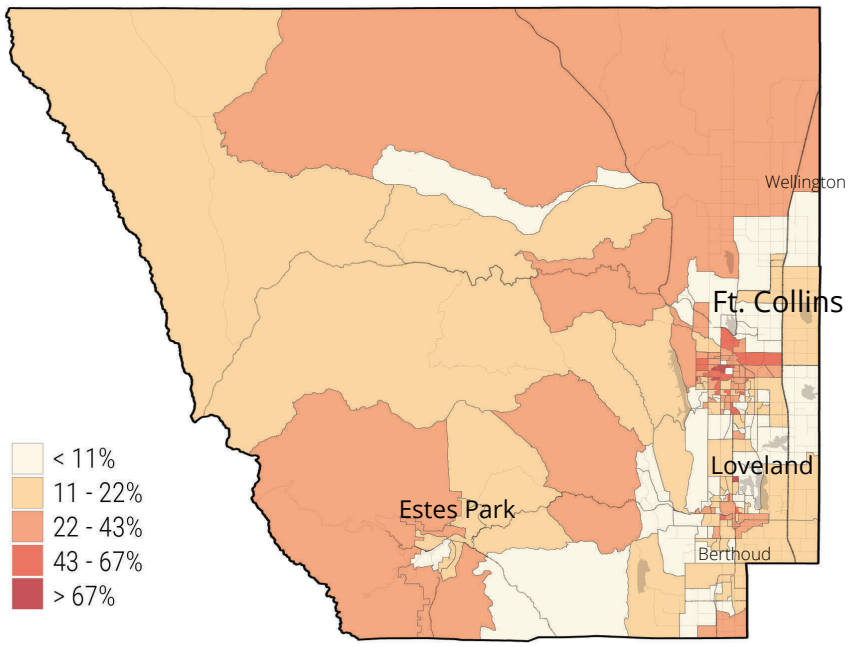
NEW

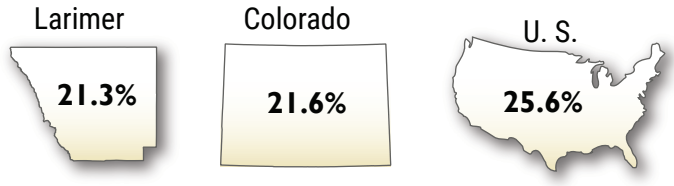
Typical Entry Level Education	Annual Openings	2016 Jobs	% of total
No Educational Credential Required	2,823	45,752	29%
High School Diploma or Equivalency	2,820	53,421	34%
Postsecondary credential, Associate Degree or Some College	759	16,190	10%
Bachelor's Degree	1,740	33,978	21%
Professional or Doctoral Degree	567	9,868	6%

Source: EMSI 2017.1 Occupation Table, Larimer County Colorado. 2016 Top Occupations (5-digit) in Larimer County, CO with 10 or more jobs. Annual openings not available for some occupations due to insufficient data. Job counts not available for occupations with fewer than 10 people.

While many occupations may not require certifications or a specific educational credential for an entry level position, career advancement likely requires some combination of on-the-job training and additional education. The majority of occupations found in Larimer require at least a high school diploma.

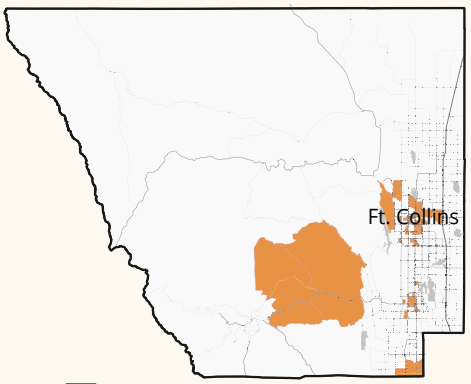
Percent of Population below 150% Poverty Level





In 2014, 43 of 192 Larimer Census Block Groups exceeded the countywide average for both the 150% poverty level and unemployment rates.

32 block groups were in or near Fort Collins, 8 were in Loveland, 1 was in Berthoud and 2 were near Estes Park

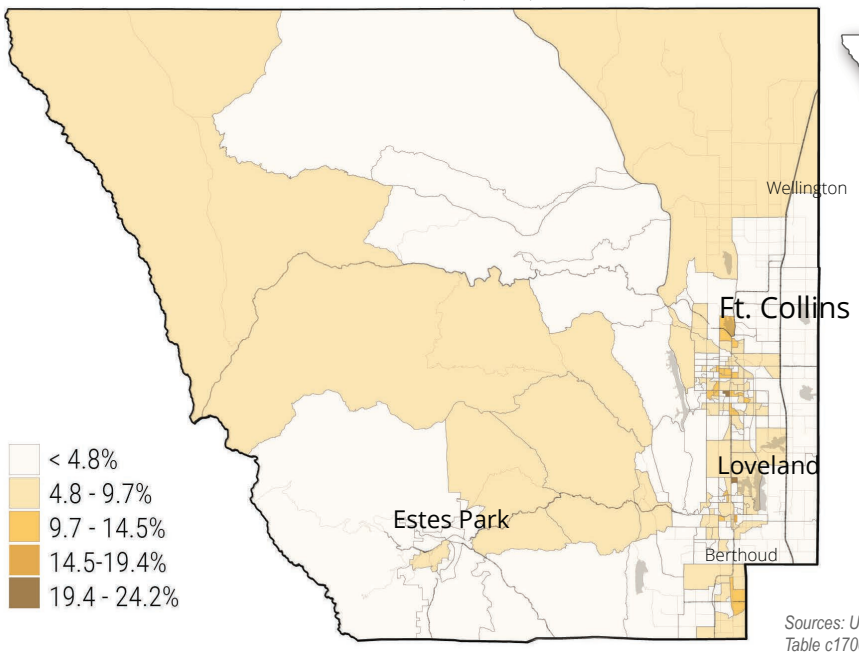


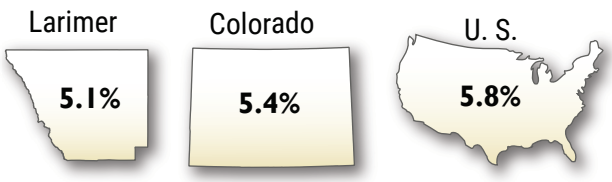
150% poverty level > 21.3% and unemployment rate > 5.1%

A Census Block Group is the smallest geographic area for which Census estimates are available. Block designations are designed to capture both close geographic proximity and a small population. In urban areas, a group may be a single city block, a suburb might include a small neighborhood; and in very sparsely populated areas, a block can be many square miles. The maps on this page show the Block Groups in Larimer County.

Key Facts: Geographic Distribution of Poverty and Employment Challenges

Percent of Population Unemployed (2014)





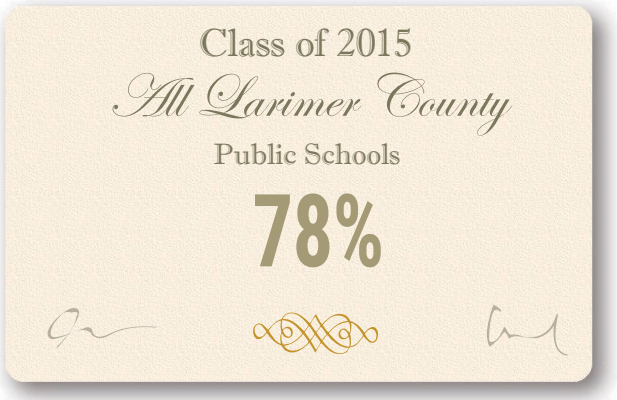
Census provides the only unemployment estimate at a very detailed geographic scale, but requires a longer time to produce and publish the data, and the values represent the Block over several years.

UPDATED

In December 2016, the Bureau of Labor Statistics and the Colorado Department of Labor and Employment estimated unemployment across Larimer County at 2.8%, Colorado at 3.0% and the U.S at 4.7%

Sources: U.S. Census, ACS 2010-2014 via Colorado State Demography Office Census API. Table c17002 and b23001, all States and Larimer County Census Blocks, accessed 7/11/2016. BLS Dec. 2016 rates from 1/24/17 Economic News Release and LAUS December 2016.

On-time High School Graduation



total completion rate: 81% still enrolled rate: 10%

which students are graduating on time?

78.6% Poudre R-1
77.5% Thompson R-2J
90.2% Estes Park R-3

Boulder County, both districts: 87%
Weld County, all districts: 81%
All Colorado: 77%

In Larimer County...
- 81% of white students
- 70% of students of color
- 82% of female students
- 75% of male students
- 62% of economic disadvantaged students
- 54% of homeless students
- 64% of limited English proficiency students
- 96% of gifted talented students

Fall 2015 Enrollment

Poudre R-1
29,527
+17%

Thompson R-2J
16,043
+6%

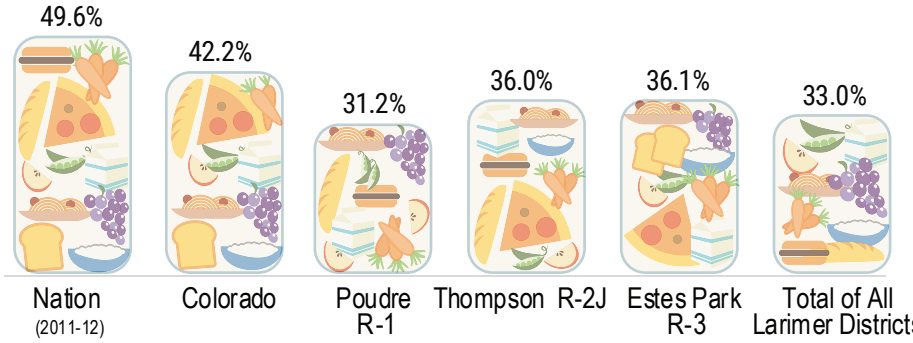
Estes Park R-3
1,143
-10%

change since Fall 2005

Colorado Department of Education, "On-time Graduation" (4-year) Class of 2015 http://www.cde.state.co.us/. Completions additionally include non-diploma certificates and on-time GEDs through school programs. Continued enrollments captures students from this cohort who continue to attend. Enrollment data Colorado Department of Education. "District Level Pupil Membership"

Detail: PK- 12 Education

Percent of Students Eligible for Free and Reduced Price Lunch 2015-16



School Lunch Program eligibility is a proxy for socioeconomic disparities in schools. Students whose families are **at or below 130%** of the federal poverty level qualify for free lunch. **185%** of the poverty level is the maximum income to qualify for reduced price lunch

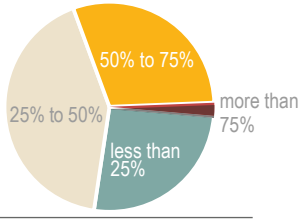
In **2015**, children in a **family of four** with an annual income below **$44,863** would qualify for **reduced price lunch**. If the same family made less than **$31,525**, the children would qualify for **free school lunch**.

Federal Guidelines published 03/31/2015 by the USDA Food and Nutrition Service. Document 80 FR 7026 2015-07358

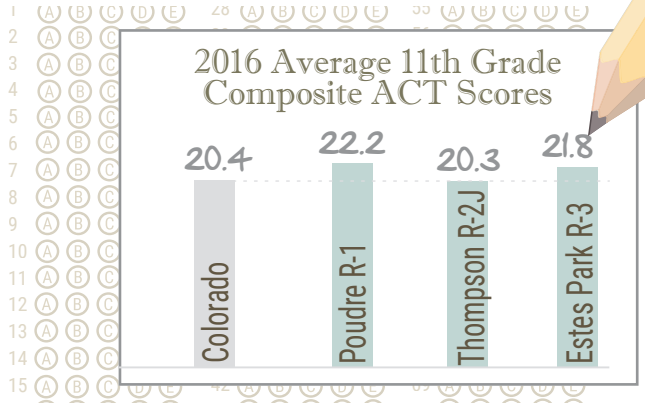
Colorado data from Colorado Department of Education, School Level Pupil Membership Data 2015-16. http://www.cde.state.co.us/.Elementary schools calculated as public schools in the three districts with "Elementary" or K-5 designation within the school name. This excludes k-8 schools and charter schools.

Larimer Public Elementary Schools
by percent of students eligible for school lunch program 2015-16

less than 25%	25% to 50%
13 schools	21 schools
50% to 75%	**more than 75%**
15 schools	2 schools



Standardized Test Results



Colorado Department of Education, Colorado ACT College Entrance, Colorado ACT State Status Summary and District and School Results Exam, http://www.cde.state.co.us/

Through 2016, **all** Colorado high school Juniors took the ACT. Beginning 2017, **Juniors will take the SAT** instead.

	2012	2013	2014	2015	2016
Colorado	20.0	20.1	20.3	20.1	20.4
Poudre R-1	22.1	22.3	22.3	22.5	22.2
Thompson R2-J	20.9	21.1	20.6	20.4	20.3
Estes Park R-3	20.8	13.7	21.2	21.4	21.8

Colorado is **one of 21 states** that uses one of these tests as a mandatory evaluation for students.

Percent of Students that Received "Met or Exceeded Expectations", CMAS PARCC Results 2016

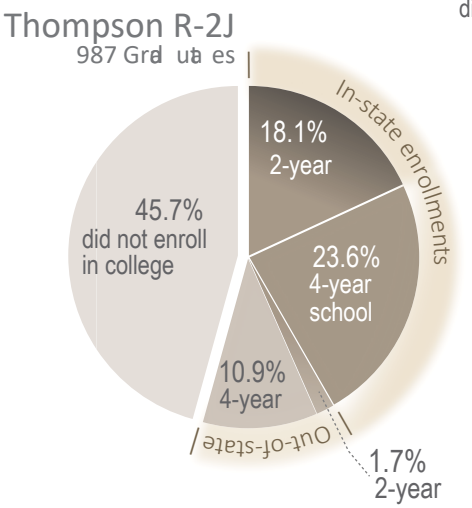
		Estes Park R-3	Poudre R-1	Thompson RJ-2	Colorado	Consortium
English Language Arts	3rd Grade	51.6	50.4	35.2	37.4	38.2
	8th Grade	55.9	57.5	39.7	41.6	42.4
	9th Grade	49.3	50.8	38.0	37.2	39.4
Math	3rd Grade	32.8	50.3	39.0	38.9	42.5
	8th Grade	*	11.7	20.4	20.4	25.9
	Algebra I	25.8	48.5	32.3	32.4	32.5
	Algebra II	*	59.3	*	70.9	23.2
	Geometry	22.2	61.0	56.8	58.8	27.1

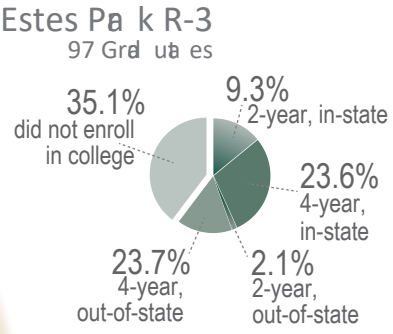
*value not reported by CDE. Test result summary from Colorado Department of Education. "CMAS - English Language Arts and Mathematics Assessments (PARCC)" https://www.cde.state.co.us/assessment/newassess-parcc. Consortium scores are from schools in CO, DC, IL, MD, NJ, NM, RI. Not all states report for all tests. See "Cross State Tables" http://www.parcconline.org/assessments/score-results for details.

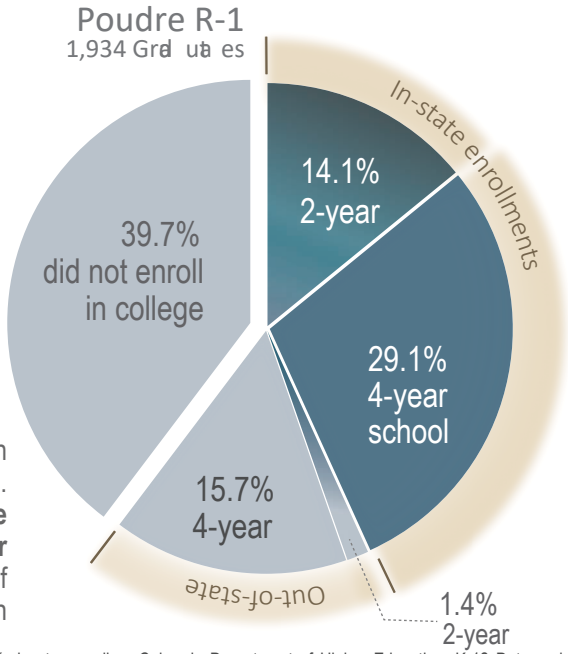
The Partnership for Assessment of Readiness for College and Careers (PARCC) assessment system is an annual year-end test in English language arts and mathematics in grades 3-8 as well as high school English and math topics. Colorado began using this test in 2015.

Detail: PK- 12 Education

College Enrollment for the Class of 2014







Almost 56% of Colorado's 2014 high school graduates enrolled in college. **More of these graduates chose 4-year programs than 2-year programs.** A larger proportion of students attending college stayed in Colorado

Percents may not total to 100% due to rounding. Colorado Department of Higher Education. K-12 Data and Research. "District at a Glance 2014". https://highered.colorado.gov/data/k12/ accessed January 9 2017.

University 6-Year Graduation Rates
full-time, first-time freshman students

	2005	2006	2007	2008	2009	2010
CSU Fort Collins	65%	64%	65%	67%	68%	67%
CU Boulder	68%	68%	70%	70%	71%	
UNC Greeley	45%	46%	46%	46%	48%	
All U.S.	59%	59%	59%	60%		
All U.S., Public Only	57%	57%	58%	58%		

% APPLICANTS ACCEPTED (2014): CSU Fort Collins 80% | CU Boulder 84% | UNC Greeley 71%

3 PUBLIC RESEARCH UNIVERSITIES within 35 miles of the City of LOVELAND

2 COMMUNITY COLLEGES with campuses in and around Larimer County

32,000+ total students enrolled across all programs at Colorado State University, Fort Collins

Sources: Information from respective offices of Institutional Research at the Universities and the U.S. Department of Education IPEDs database. Data downloaded November 2016.

Top Bachelor's Degrees
awarded by Department, CSU 2016

295 Human Development & Family Studies
276 Health and Exercise Science
245 Biology
222 Psychology
193 Communication Studies
187 Finance or Real Estate
176 Management
159 Journalism & Media Communication
155 Economics
154 Marketing
152 Mechanical Engineering
143 Sociology

Top Associate Degrees
awarded by Major, FRCC, Larimer 2016

286 Associate of Arts
121 Associate of Science
111 Associate of General Studies
52 Nursing AAS
43 Associate of Arts (Business)
29 Veterinary Technology AAS
21 Accounting AAS
18 Associate of Arts (Psychology)
18 Network Administration AAS
15 Interior Design AAS
13 Welding Technology AAS
12 Automotive Technology AAS

Top Certificates
awarded by Topic, FRCC, Larimer 2016

158 Nurse Aide
147 Emergency Med. Technician
94 Welding Fundamentals
55 Business Specialization
40 Networking Basics
40 Computer Technician A+
39 Phlebotomy
39 Management Basics
38 Wildlife
35 Automatic Transmission/Transaxle
31 Yoga Teacher
30 Oxyacetylene Welding

Detail: Higher Education

Community College Completions
full-time, first-time degree seeking students

	2007	2008	2009	2010	2011	2012	2013
Front Range, all campuses							
cohort	1,134	1,395	1,647	1,542	1,362	1,290	1,090
completed within 3 years	18%	20%	18%	19%	22%	23%	18%
transferred to 4-year program	25%	26%	23%	22%	23%	26%	15%
Aims, all campuses							
cohort	226	426	539	329	432		
completed within 3 years	27%	21%	22%	29%	25%		
transferred to 4-year program	8%	14%	12%	19%	22%		

the U.S. 3-year completion rate is ~21% (2009)

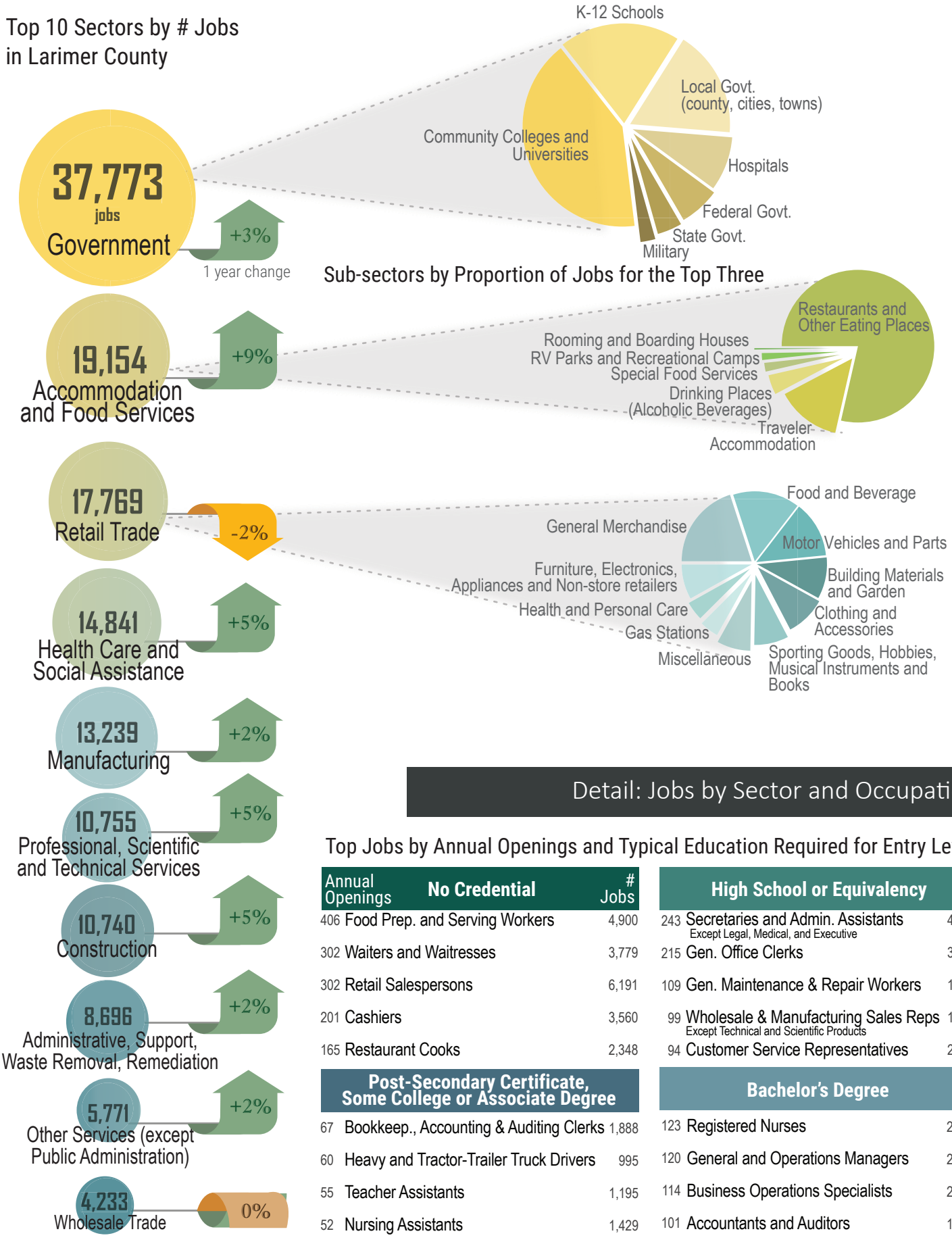
Sources: Enrollment and graduation statistics are from "Common Dataset" reports accessible through Front Range and Aims websites and U.S. Department of Education IPEDs database. Blank values are due to lack of available data. College facts are from FRCC and Aims websites. Data downloaded December 2016.

Front Range Community College total enrollment >27,700
campuses in Longmont, Brighton, Fort Collins, Westminster and online

Aims Community College TOTAL enrollment >7000
campuses in Greeley, Fort Lupton, Loveland, Windsor and online

The **vast majority of** undergraduates enrolled in **CSU, CU-Boulder and UNC** are **full-time degree-seeking** students. Full-time students are a smaller proportion of enrollments in **FRCC or Aims.** These **community college students are** more likely to be **part-time**, and many are seeking a non-degree credential.

Top 10 Sectors by # Jobs in Larimer County



*Source: EMSI **2016.4** Larimer County Colorado. Top Industries (2-digit) in Larimer County, CO.*

Detail: Jobs by Sector and Occupation

Top Jobs by Annual Openings and Typical Education Required for Entry Level

Annual Openings	No Credential	# Jobs
406	Food Prep. and Serving Workers	4,900
302	Waiters and Waitresses	3,779
302	Retail Salespersons	6,191
201	Cashiers	3,560
165	Restaurant Cooks	2,348

	Post-Secondary Certificate, Some College or Associate Degree	
67	Bookkeep., Accounting & Auditing Clerks	1,888
60	Heavy and Tractor-Trailer Truck Drivers	995
55	Teacher Assistants	1,195
52	Nursing Assistants	1,429
49	Computer User Support Specialists	966

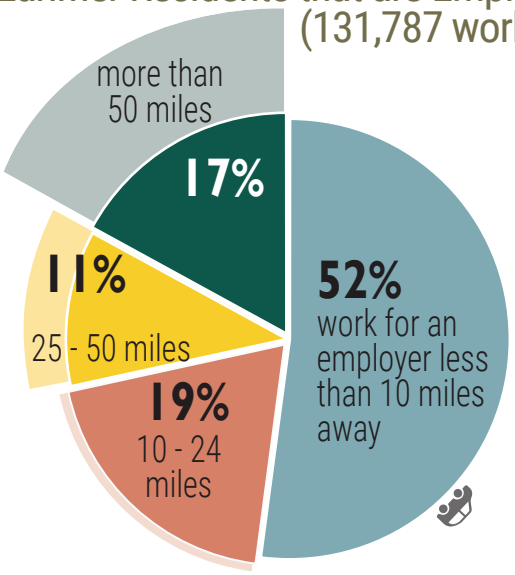
	High School or Equivalency	
243	Secretaries and Admin. Assistants Except Legal, Medical, and Executive	4,921
215	Gen. Office Clerks	3,926
109	Gen. Maintenance & Repair Workers	1,710
99	Wholesale & Manufacturing Sales Reps Except Technical and Scientific Products	1,414
94	Customer Service Representatives	2,428

	Bachelor's Degree	
123	Registered Nurses	2,805
120	General and Operations Managers	2,093
114	Business Operations Specialists	2,057
101	Accountants and Auditors	1,459
76	Systems Software Developers,	1,321

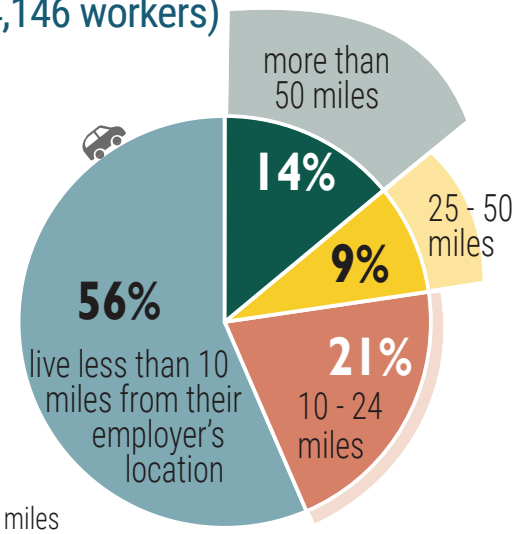
*Source: EMSI **2016.4** Larimer County Colorado. Occupations (5-digit) Larimer County, CO. Annual Openings include new jobs and replacements based on 2011 - 2016 period.*

Employee-to-Employer Dynamics in Larimer County (2014)

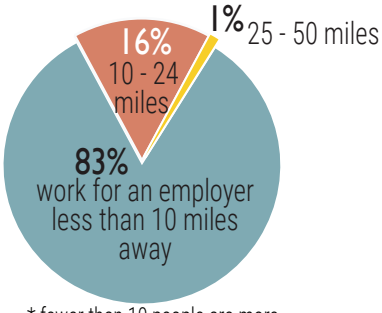
Larimer Residents that are Employed (131,787 workers)



All Employees that Work in Larimer (124,146 workers)

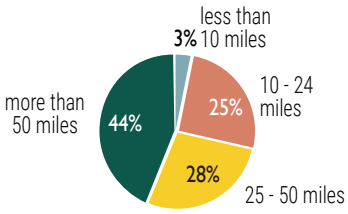


People who live in Larimer and work for Larimer-based employers (80,552 workers)

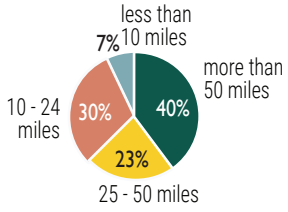


* fewer than 10 people are more than 50 miles from their employer's location

People who live in Larimer but work outside of Larimer



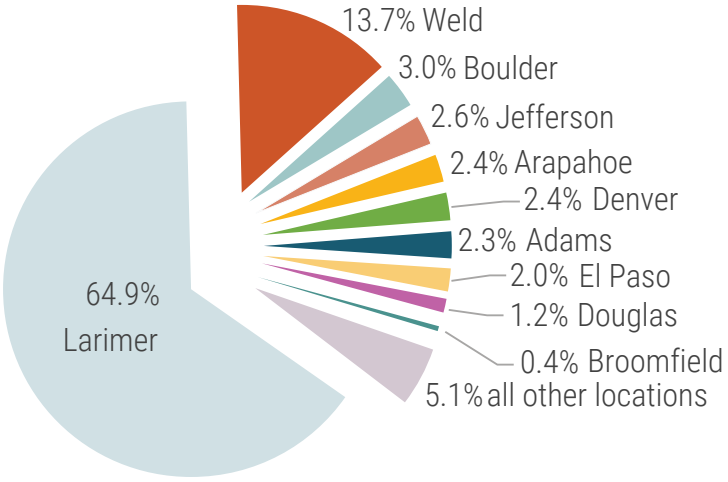
People who live outside of Larimer but work in Larimer



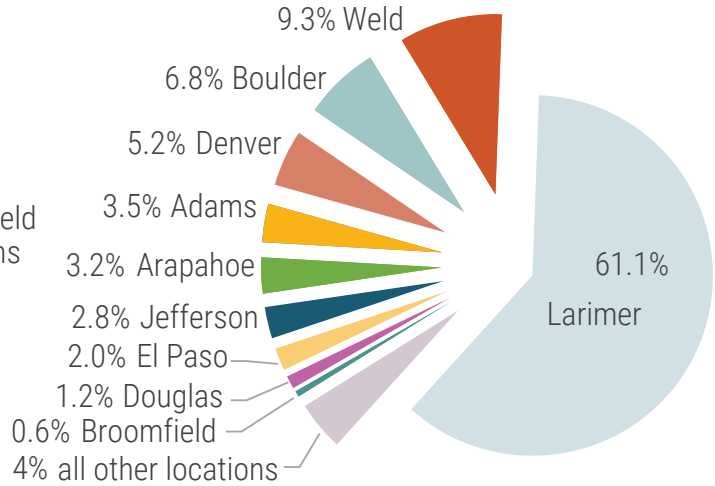
U.S. Census Bureau. 2016. OnTheMap Application. Longitudinal-Employer Household Dynamics Program 2014 data. http://onthemap.ces.census.gov/ Numbers may not tally to 100% due to rounding. Pie chart sizes are proportional to the total number of individuals represented within the chart. This only includes employees/employers covered by Census LEHD. Distances are calculated by as "home census block to work census block". Some reported employer locations may not represent employee work site locations.

Detail: Cross Commute and Employer Locations

Top "Home" Counties of Employees in Larimer (2014)



Top "Employer" Counties for Residents of Larimer (2014)



U.S. Census Bureau. 2016. OnTheMap Application. Longitudinal-Employer Household Dynamics Program 2014 data.

Primary Transportation to Work

75.2% drove alone
8.2% carpooled
4.3% rode a bike
3.4% walked
2.0% took public transit
0.9% went via other methods (taxi, motorcycle)
6.0% work from home

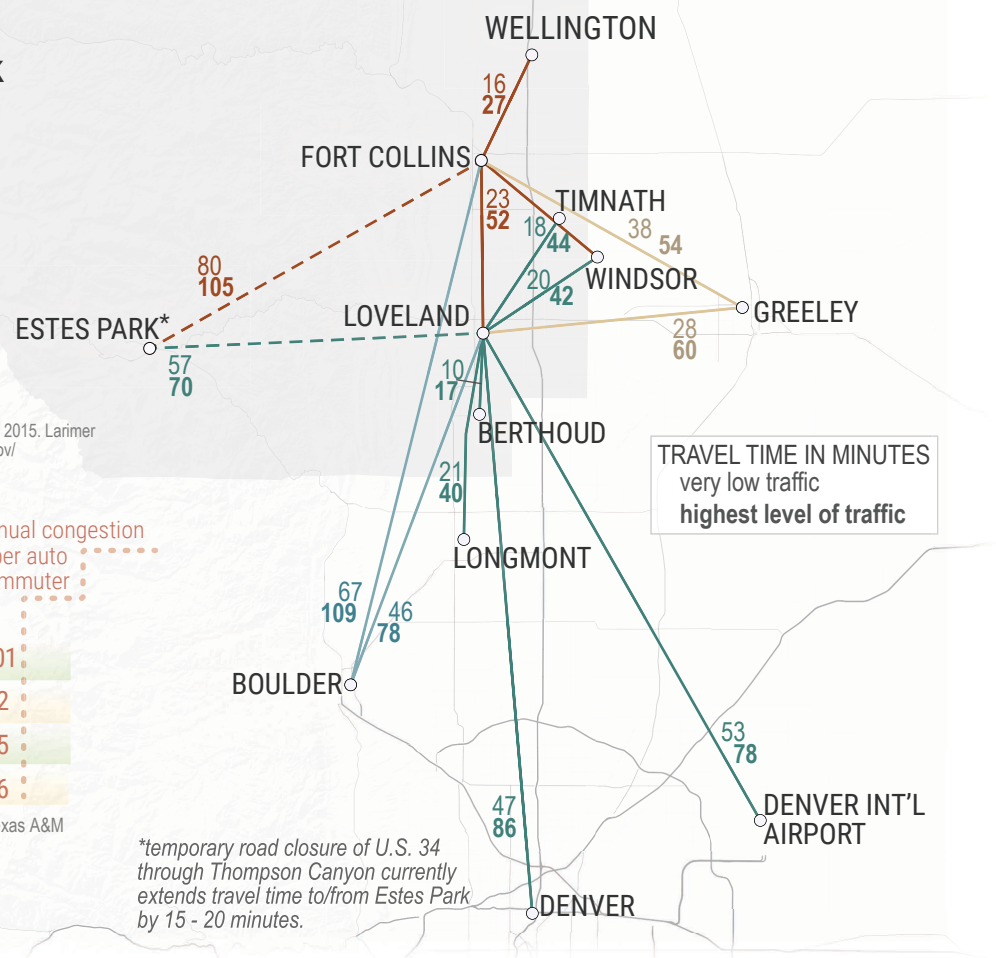
U.S. Census Bureau. American Community Survey table B08006 (1-year) 2015. Larimer County, Colorado. Accessed December 2016. https://factfinder.census.gov/

Roadway Congestion

Colorado Urban Area	annual hours delay per commuter	[peak] travel time index	annual congestion $ per auto commuter
Denver-Aurora	49	1.3	$1,101
Boulder	35	1.2	$752
Fort Collins	19	1.11	$425
Longmont	12	1.08	$266

Source: 2015 Urban Mobility Scorecard, published jointly by The Texas A&M Transportation Institute and INRIX, August 2015. 2014 data.

Estimated Best and Worst Case Drive Times

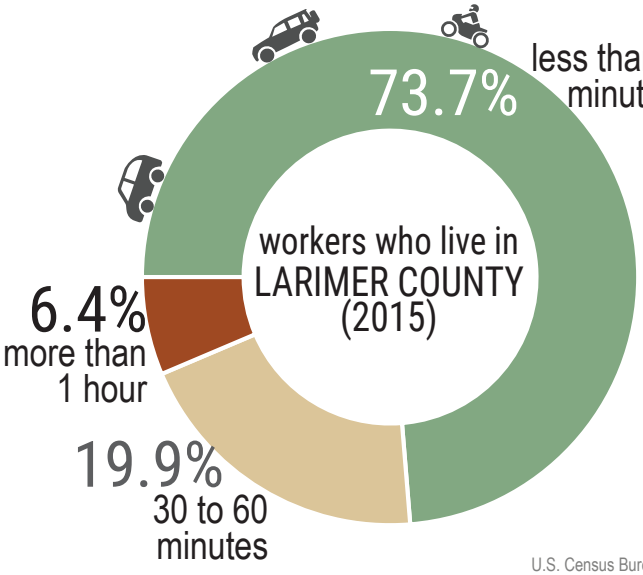


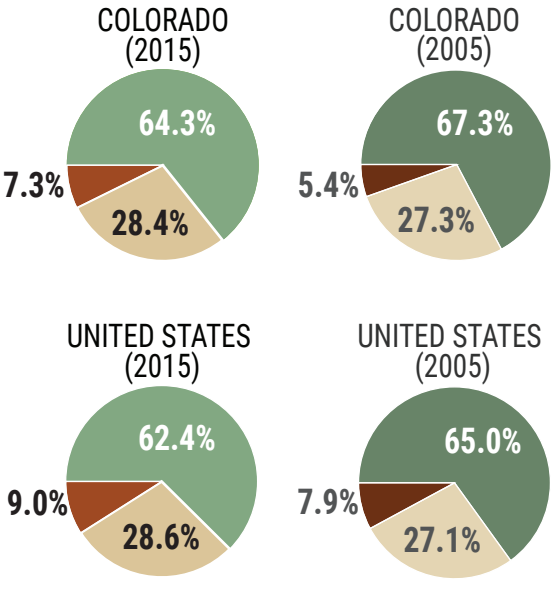
*temporary road closure of U.S. 34 through Thompson Canyon currently extends travel time to/from Estes Park by 15 - 20 minutes.

Google Distance Matrix estimates for pessimistic, worst-case traffic during morning and evening rush hour as well as optimistic travel time during the lowest traffic demand period across multiple weekdays and trip times from a specific centrally located address. Calculated for the third week of October, 2016

Detail: Transportation and Commute

Travel Time to Work (2015)

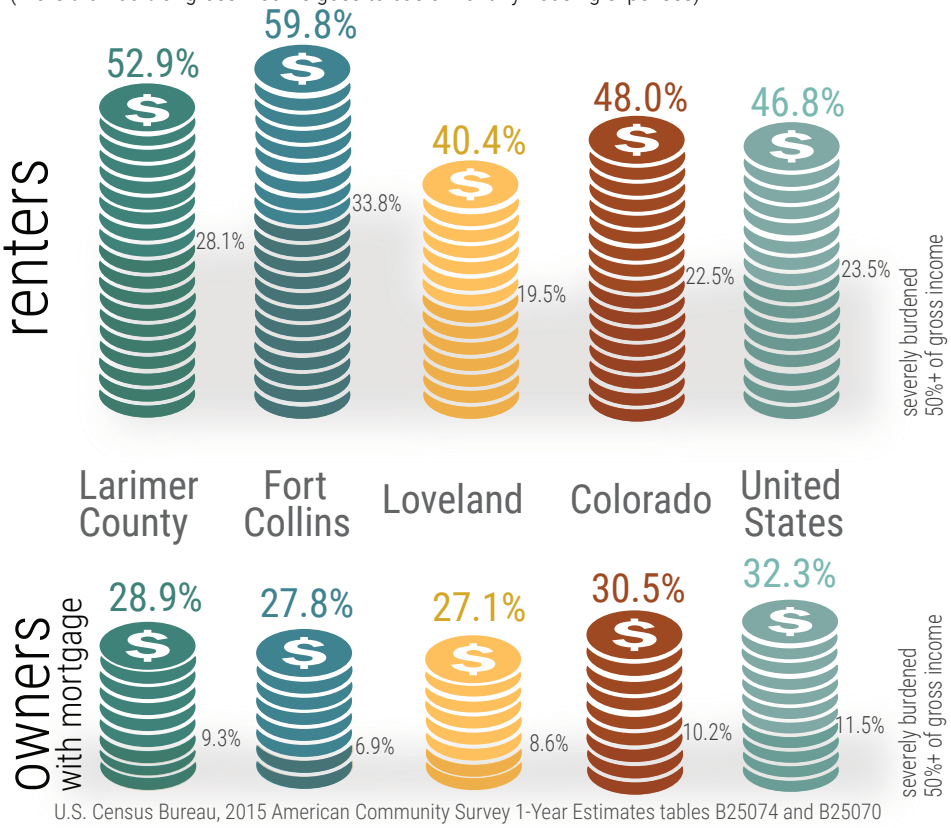




U.S. Census Bureau. American Community Survey table B08012 (1-year) 2005-2015. Accessed December 2016. https://factfinder.census.gov/

Rates of Households that are Housing Cost-burdened

(more than 30% of gross income goes to basic monthly housing expenses)



U.S. Census Bureau, 2015 American Community Survey 1-Year Estimates tables B25074 and B25070

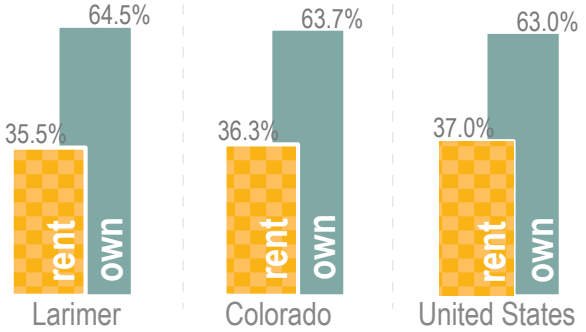
By Federal standards, **spending more than 30% of gross income on basic housing costs**—mortgage or rent, required fees, and basic utilities—**will burden a household.** Spending **more than 50%** of household income on these costs **creates a severe burden**.

Renters are more likely to be cost-burdened than owners. Many socio-economic and demographic factors play into this, notably that the average renter is younger and makes less income than the average homeowner with mortgage. Paying a high percentage of income for housing can **make building savings more challenging**.

Detail: Homeownership and Cost of Housing

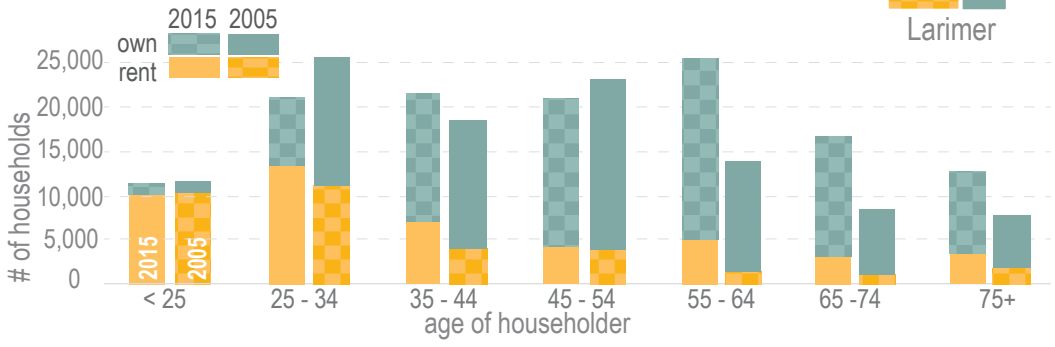
Since 2005 there has been **a slight decrease in homeownership rates** (by ~3% nationally, and ~4% in Larimer County). In Larimer, the proportion of households that rent grew for most age groups.

Current Rates of Homeownership



U.S. Census Bureau. 2015 ACS 1-yr table B25007

Larimer County - Rent vs. Own by Age Group



U.S. Census Bureau. 2015 ACS 1-yr table B25007

The rate of **renting vs. owning** in Larimer is similar to Colorado and the United States. Younger households are more likely to be renters.