



Statewide College Workforce Report

Presented to Montana Board of Regents

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MONTANA
UNIVERSITY SYSTEM



Montana Department of
LABOR & INDUSTRY

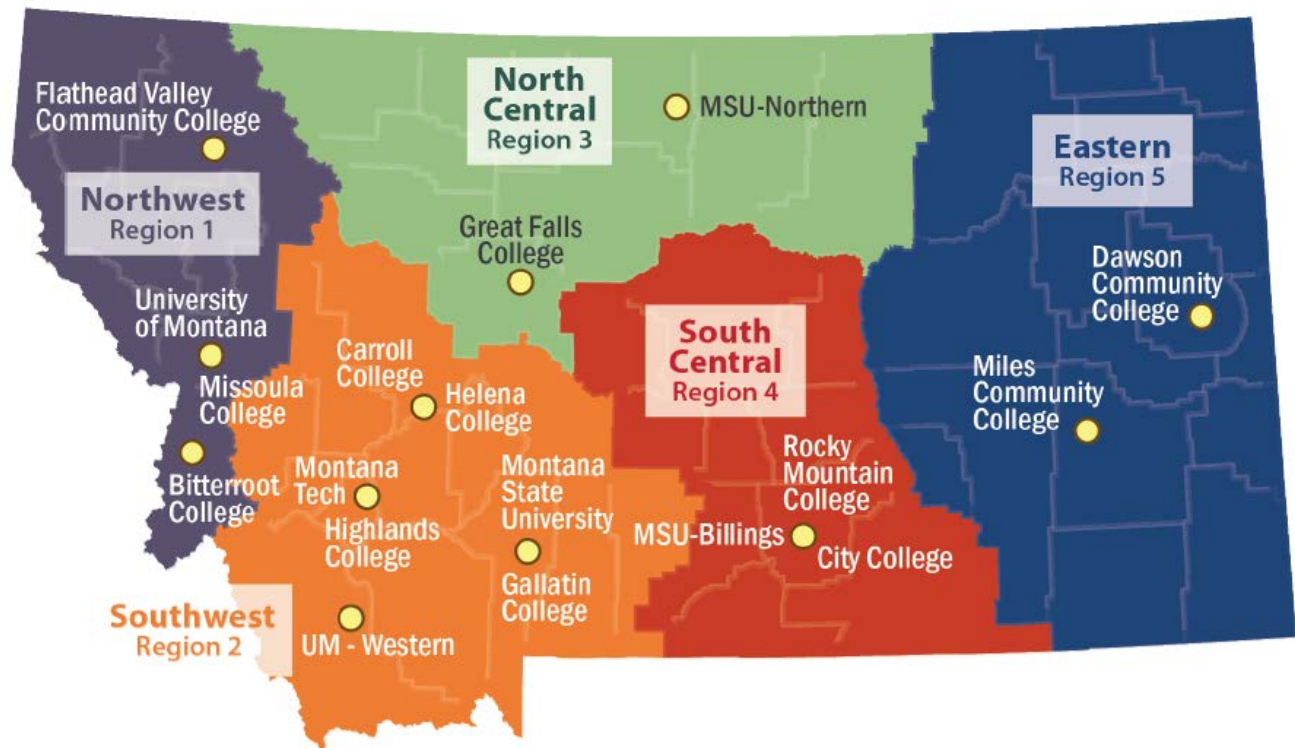


Statewide College Report

Expanded and improved on initial pilot project for Missoula College

Coordination between three state agencies

Inclusion of 16 public colleges and 2 private colleges





Primary Research Questions

1. How do graduates fare in the labor market?
2. Do colleges produce enough graduates in the right fields?
3. Does the geographical distribution of graduates matter?



Primary Research Questions

1. How do graduates fare in the labor market?



Most Graduates Work in Montana

75% of graduates work in Montana sometime in the five years after graduation

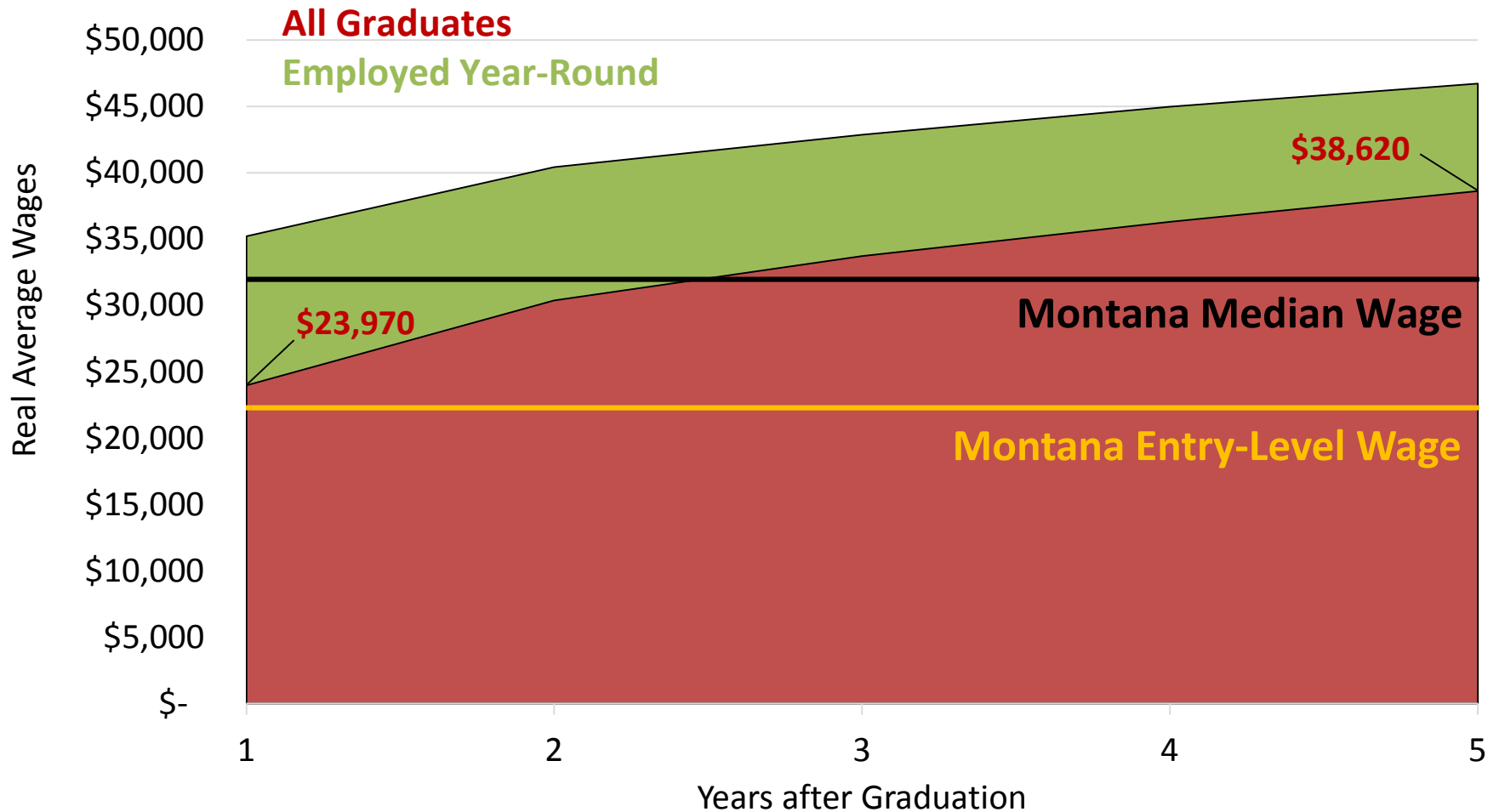
69% find jobs within a year

Graduates work in every county in the state

Graduates work in their field of study

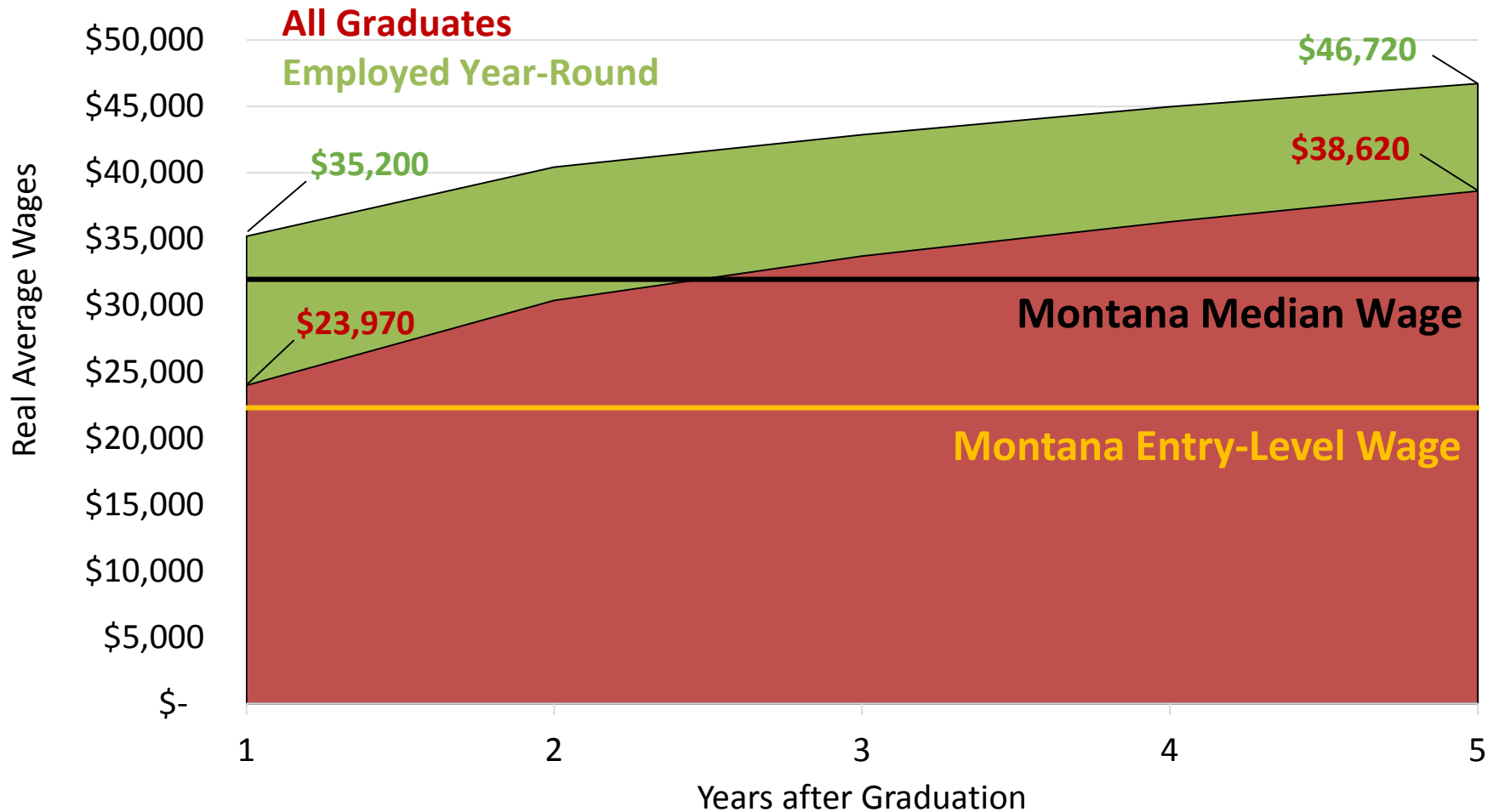


Graduates Earn Above Median Wages within Three Years of Graduation





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Higher Wage Earnings Come From:

Incumbent Workers

- \$8,000 wage premium one year after graduation
- Premium decreases to \$6,000 over five years

Workers in high-wage industries

More education

- Graduate degrees have the highest wages
- Associates \approx Bachelor's degree



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New Program Development Areas

Figure 3.5 page 14

22%

of high-demand jobs requiring a college degree cannot be filled by graduates from MT colleges

Most are high-level healthcare jobs

10%

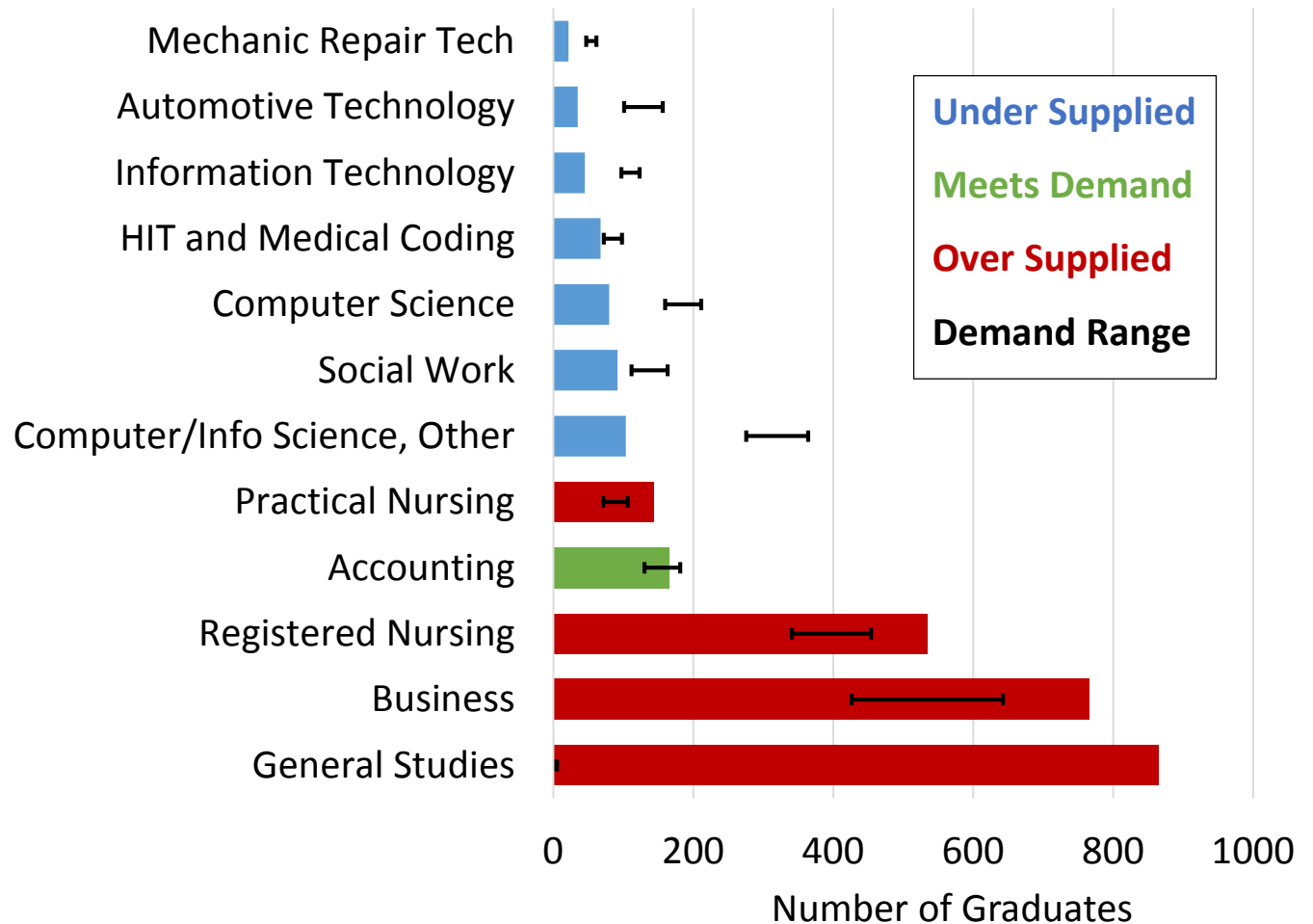
of high-demand jobs are undersupplied





Supply and Demand by Program

Figure 3.9 page 74



Source: MTDLI 2015-2025 occupational employment projections. OCHE, RMC, and CC graduate data. Demand is sum of all occupations a graduate from the program could fill. Supply is average over last three academic years.

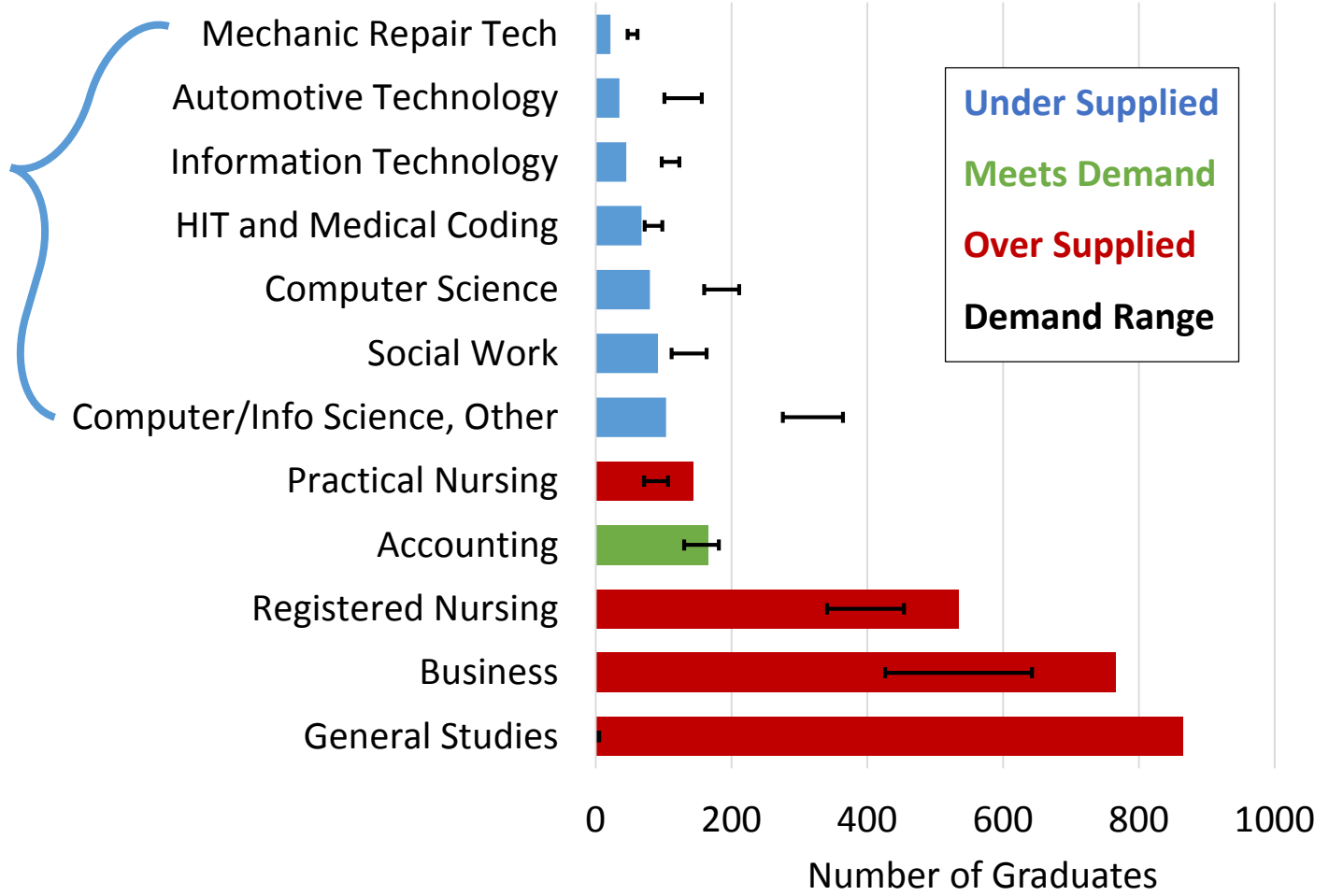


Supply and Demand by Program

Figure 3.9 page 74

Expansion Candidates

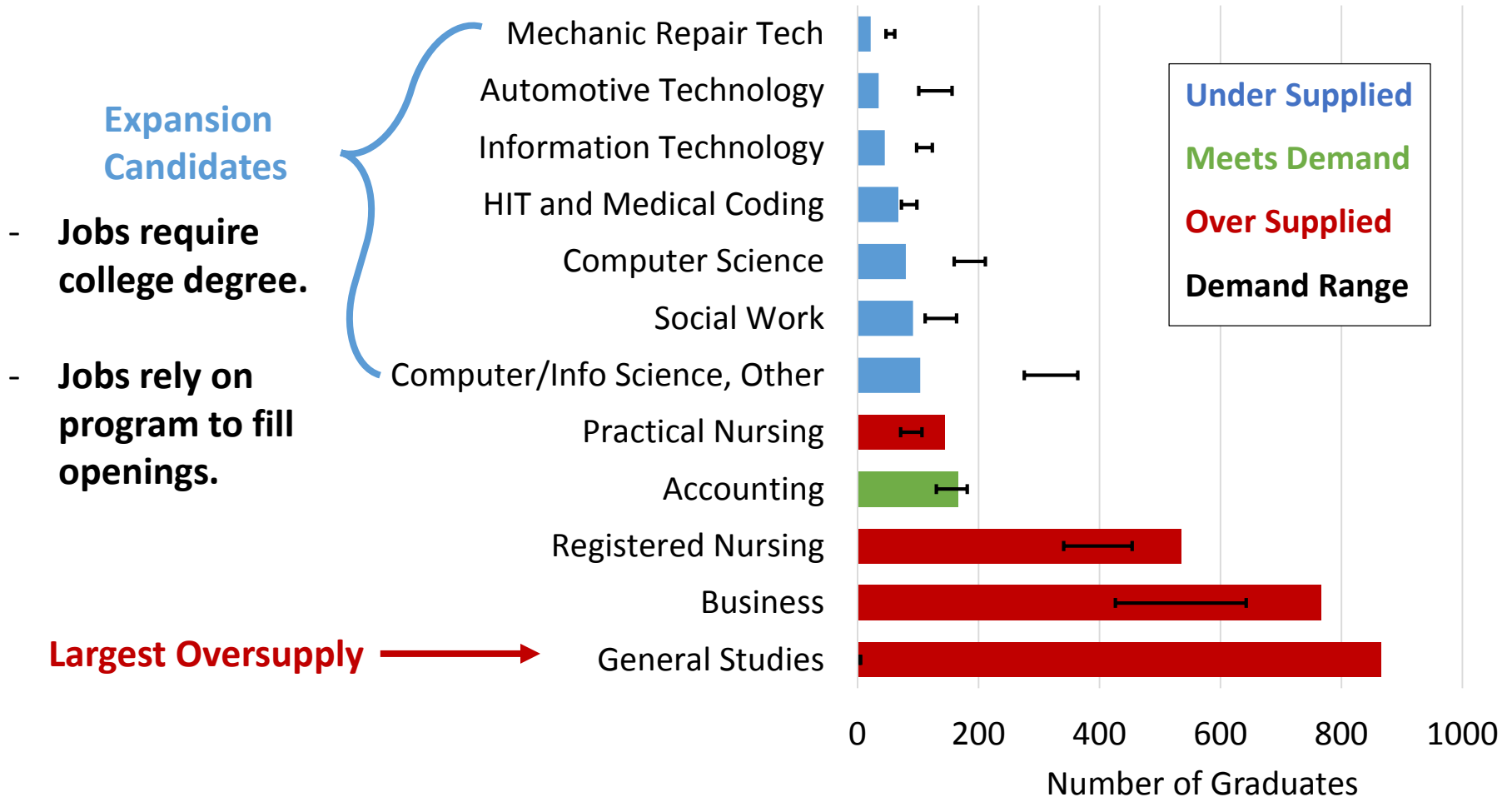
- Jobs require college degree.
- Jobs rely on program to fill openings.





Supply and Demand by Program

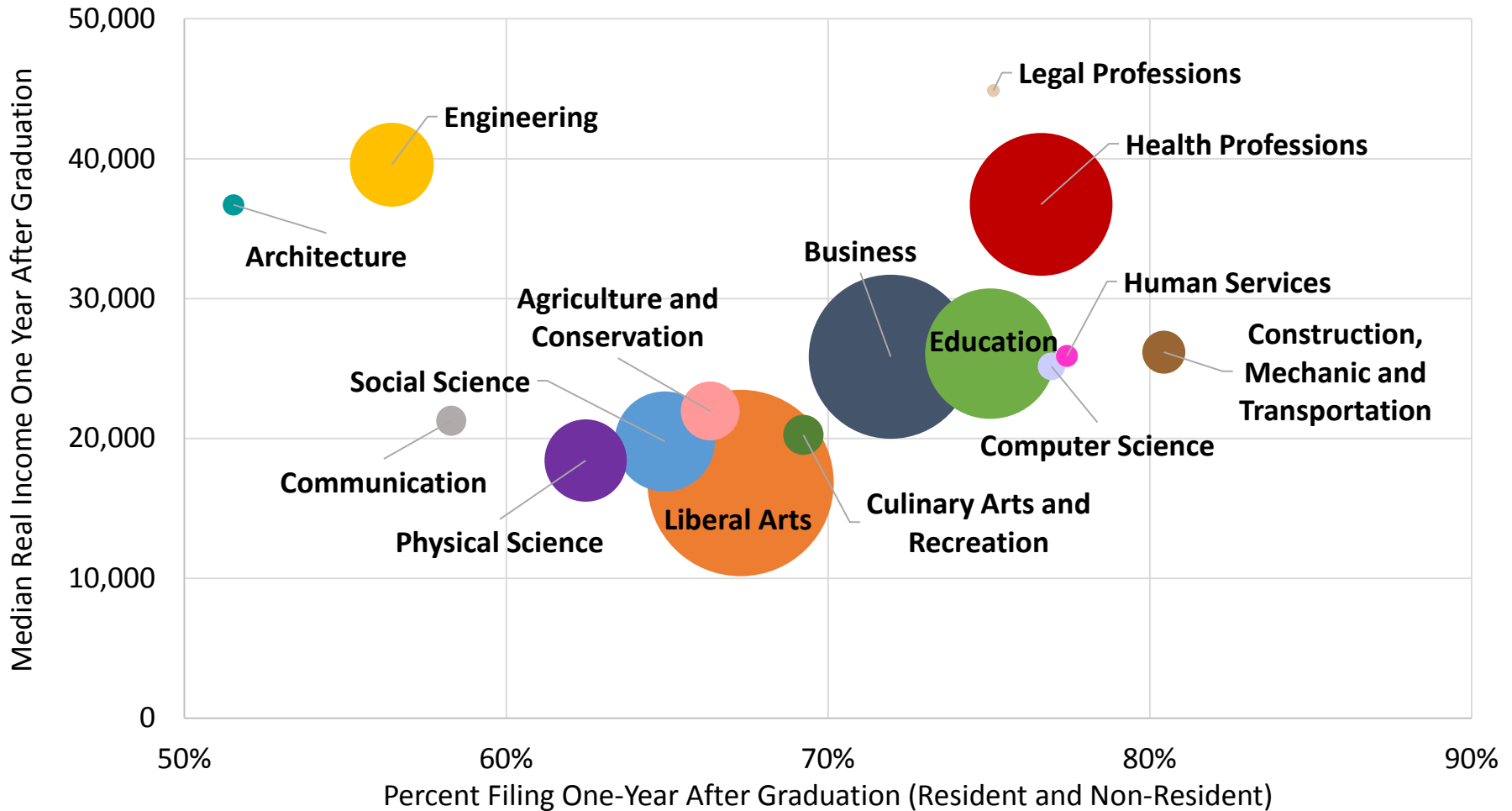
Figure 3.9 page 74





Workforce Outcomes by Program

Figure 3.10 page 78





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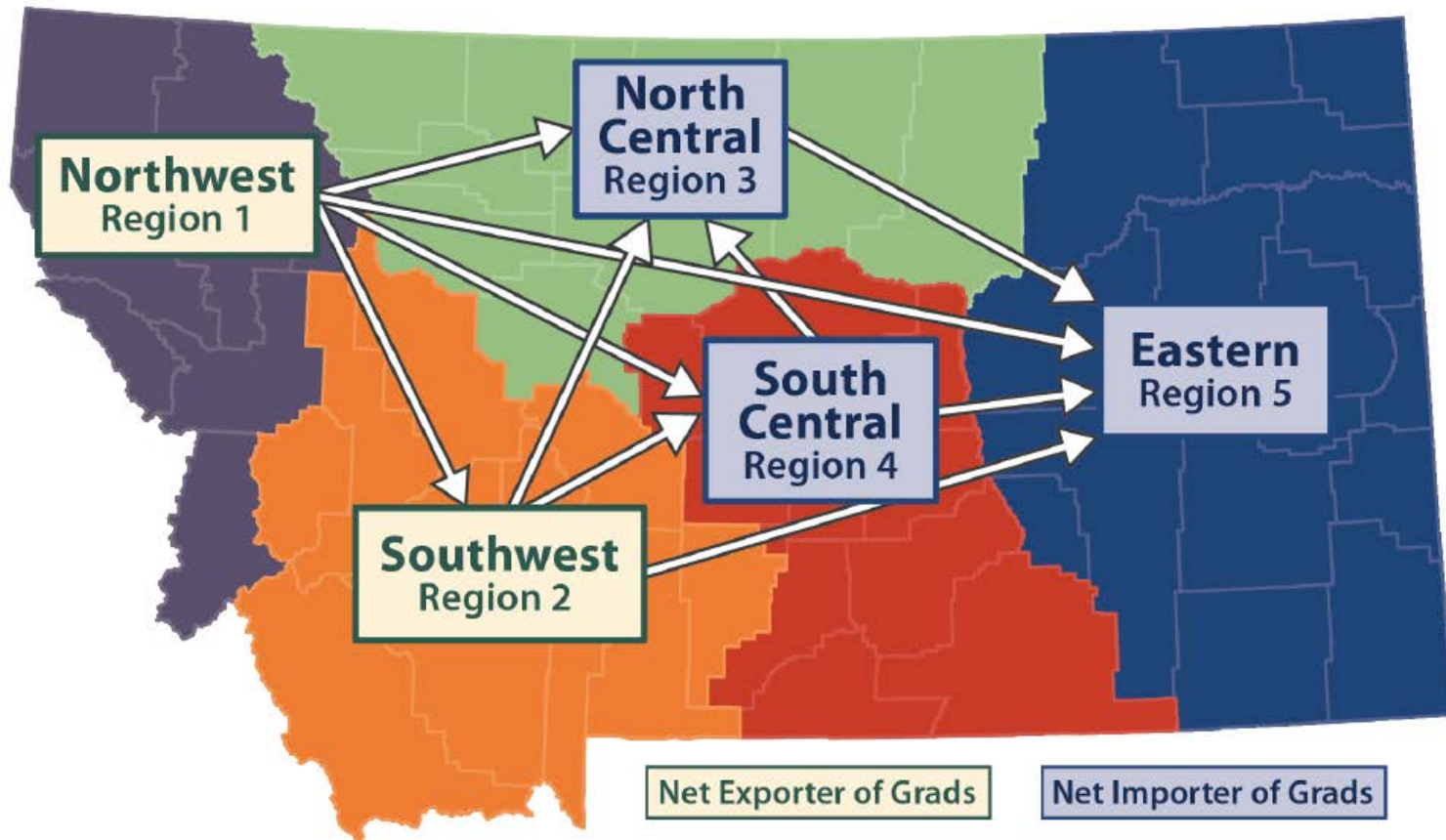
Program Supply and Demand

Figure 4.4 page 87

Program Category	Program	NW	SW	NC	SC	E
<i>Computer/ Info Science</i>	Computer/Info Science, Other	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue
	Information Technology	Green	White	Red	Dark Blue	White
	Computer Science	Dark Blue	Dark Blue	White	Dark Blue	White
<i>Liberal Arts</i>	General Studies	Red	Red	Red	Red	Red
<i>Human Services</i>	Social Work	Red	Dark Blue	White	White	White
<i>Construction, Mechanic & Transportation</i>	Mechanic Repair Tech	Green	Dark Blue	White	Dark Blue	White
	Automotive Technology	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue
<i>Health Professions</i>	HIT and Medical Coding	Dark Blue	Dark Blue	Red	Dark Blue	Dark Blue
	Registered Nursing	Dark Blue	Red	Red	Dark Blue	Red
	Practical Nursing	Red	Red	Red	Red	Dark Blue
<i>Business</i>	Business	Red	Red	Green	Red	Dark Blue
	Accounting	Red	Dark Blue	White	Red	White



Migration Helps Fill Gaps





More Information at [Imi.mt.gov](https://imi.mt.gov)

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