

TWO QUESTIONS Should Land Surveyors focus on Workforce Development?

if so...

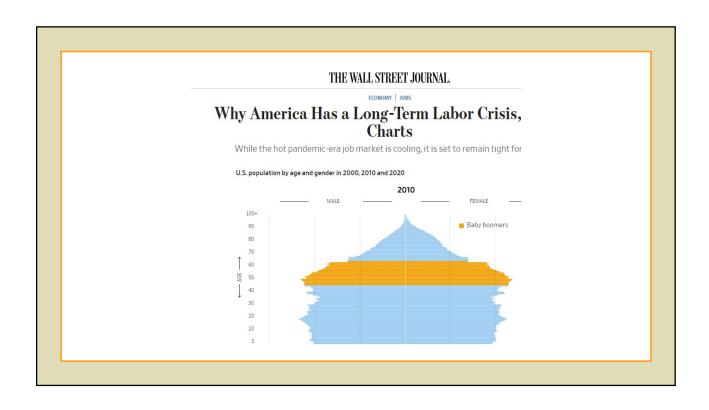
What can we do about it?

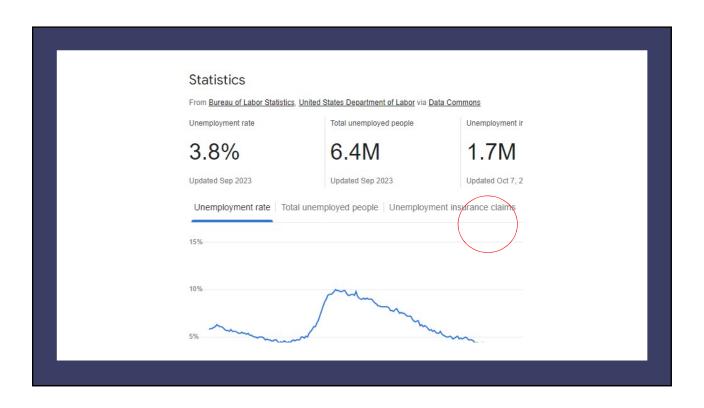


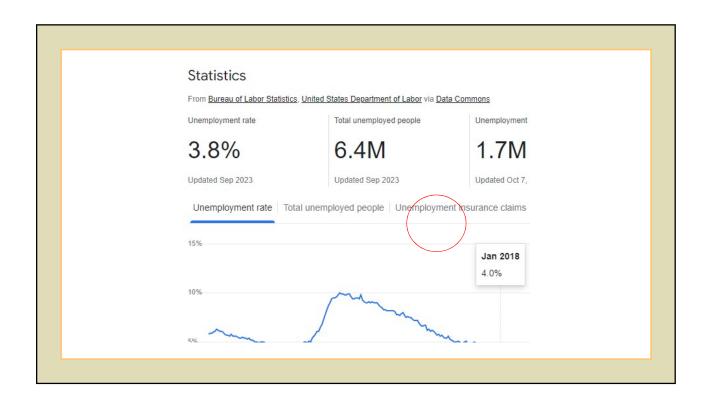


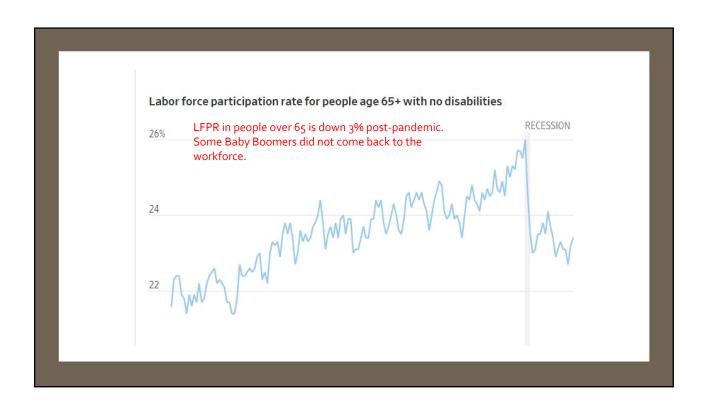


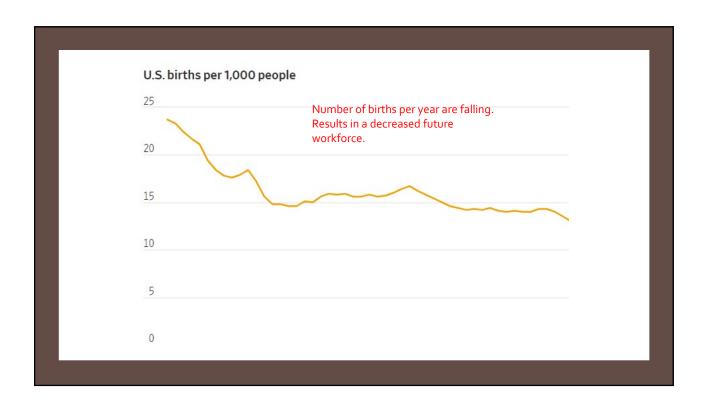




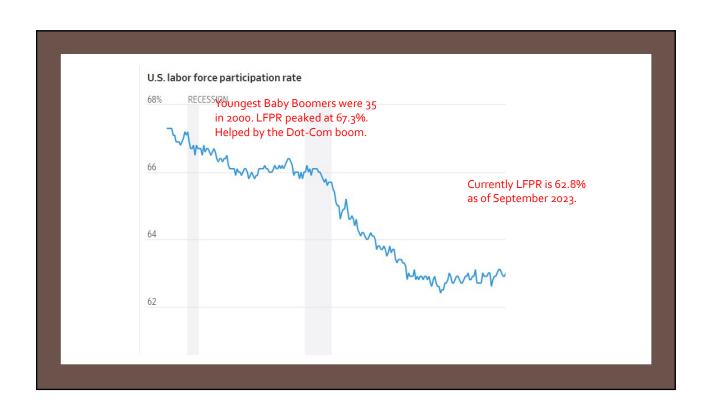












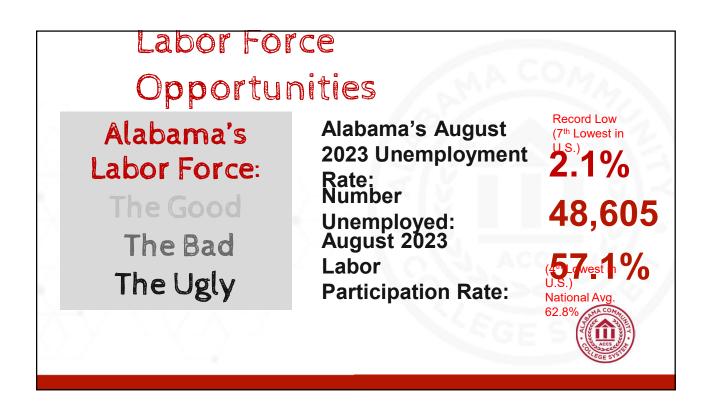
### Civilian labor force participation rate by age, sex, race, and ethnicity

Other available formats: (XLSX)

Table 3.3 Civilian labor force participation rates by age, sex, race, and ethnicity, 2002, 2012, 2022, and prc (in percent)

				/		
Group	Participation rate, 2002	Participation rate, 2012	Participation rate, 2022	Participation rate, 2032	Participation rate change, 2002–12	
Total, 16 years and older	66.6	63.7	62.2	60.4		
16 to 24	63.3	54.9	55.6	51.3		
16 to 19	47.4	34.3	36.8	30.9		
20 to 24	76.4	70.9	71.0	67.8		
25 to 54	83.3	81.4	82.4	81.7		
25 to 34	83.7	81.7	83.2	82.1		
35 to 44	84.1	82.6	83.0	81.9		
45 to 54	82.1	80.2	81.1	80.9		
55 and older	34.5	40.5	38.8	37.4		





# Labor Force Opportunities

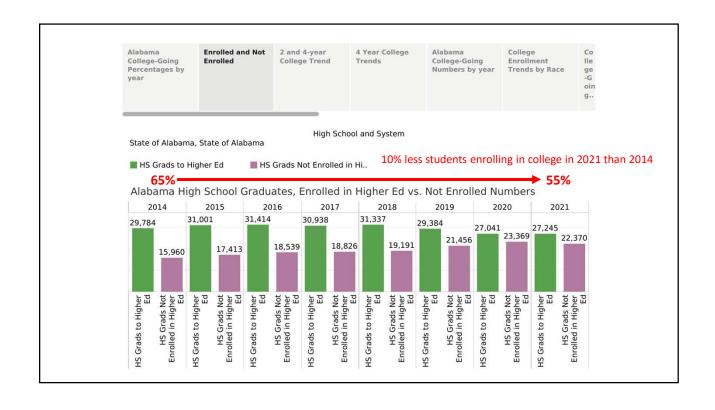
Alabama's Labor Force What Does It Mean? Alabama's Current 2, 143, 70
Labor Force
Who's not in the
Labor Force
Alabama's
Potential

1,623,78

7
3,76,748

We have the potential to increase workforce participation and therefore increase the number of potential candidates.





#### BIRMINGHAM LABOR FORCE PARTICIPATION

BIRMINGHAM: (61%)

Each 1% rise adds 8,800 jobs

Nashville (68.7%)

Atlanta (67.3%)

Louisville (65.2%

Memphis (63.7%)

If Birmingham had a LFPR equal to Nashville it would add 67,760 jobs. If equal to Memphis it would add 23,760 jobs! Imagine how the prosperity!

## LAND SURVEYING INDUSTRY

Number of Land Surveyors (-11.5%)

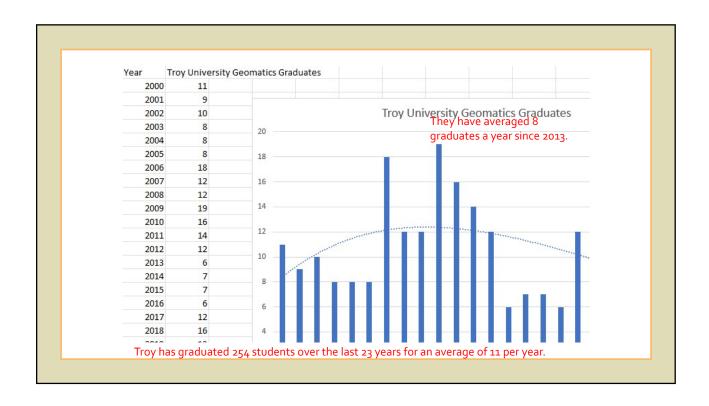
2010: 55,091 2022: 48,755

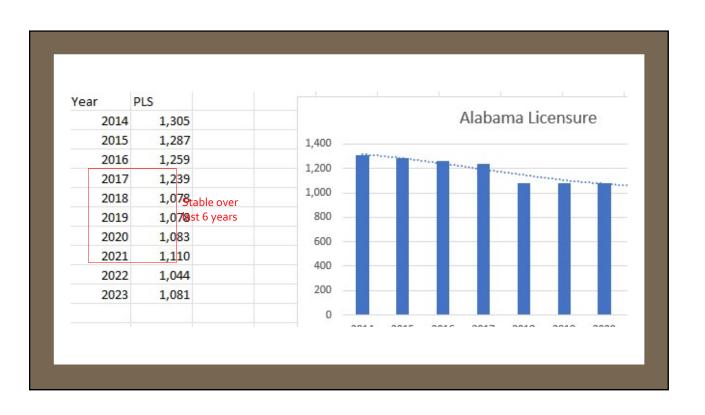
Technology has made it possible for fewer surveyors to do more work.

Land Surveyors can manage 3-5 field crews which increases the need for qualified technicians.

There are about 1,000 Land Surveying graduates each year.











### The State of Land Surveying

- Nationally we have a workforce issue.
- Our state has a workforce issue.
- Land Surveying is not unique in having workforce issues, but it is not an issue we can avoid. How will we as a society address it?
- Technology has allowed fewer surveyors to do more work. Technology will be part of the solution.
- Land Surveyors can manage 3-5 field crews which increases the need for qualified technicians.
- We should expect the number of land surveyors to continue to drop through 2032 as Baby Boomers retire.
- We should expect salaries to be higher for surveyors for the foreseeable future due to high demand and low supply.
- The lack of dispersion of land surveyors throughout the state could cause the perception of a surveyor shortage

What can I do at my business to promote the future Land Surveying workforce?

- 1. Make more Land Surveyors...
- Recruit, Hire, Train, License, Opportunity
- Be prepared to compensate and provide benefits
- Know the value of our industry and your product/self-worth
- Train on professional business practices (QA/QC, proposals, returning phone calls)
- Do you have a plan? (Succession strategy, Retirement)
- Support Troy University by visiting your local high schools. They need your help marketing the program.
- Participate in ASPLS, NSPS, ACEC

What can I do at my business to promote the future Land Surveying workforce?

- 2. Make more Survey Technicians...
- Skills for Success Land Survey Helper
- Certified Surveyor Technician (CST)
- Visit High Schools (4H, FFA, Career Tech programs)
- Be prepared to pay, train, and retain these employees.

To meet the future demand we should...

- 1. Make more Land Surveyors
- 2. Make more Survey Technicians

