

Construction Modernization – Re-engineering Initiative Deliverable

CSAC Working Group

Jeff Lower, CSAC Member

September 18, 2020

Shape
your future
START HERE >

United States[®]
Census
2020

Working Group History

- **CSAC recommended establishment of the working group in September 2019**
- **Census approved working group in Jan/Feb 2020**
- **Chaired by Ken Simonson initially (thanks to Ken!), then transitioned to Jeff Lower after Ken's term on the CSAC ended in March**
- **Monthly calls since March, somewhat challenged with remote working**
- **Small group of CSAC members**

CSAC Observations and Plans

- Highlight of the initiative is the innovative use of technology to automate as much as possible data inputs and analysis
- Machine Learning (ML) algorithms used for change detection on satellite images – VERY COOL and efficient use of innovative technology!
- Two of the key issues with any integration of external, non-survey data into traditional Census surveys are the threats to representativeness and consistency (across jurisdictions).
- The CSAC WG is working with the Census team members to make sure the methodology described/implemented addresses these two key issues
- Plan – continue monthly calls through the fall of 2020
- Plan – report WG findings and deliverables at next CSAC meeting

CSAC Observations and Plans

- **Schedule Challenge – After the next (Spring?) CSAC meeting, three of the four CSAC working group members complete their term on the CSAC**
- **If the Working Group continues past March of next year, we will need to transition to other CSAC members.**
- **We would like to thank Stephanie Lee Studds and her team for such impressive work. The use of innovative techniques, such as the change detection from satellite images, allows the team to modernize the collection and analysis of construction data.**