RE: Digitalization data question

Jacob Whiton

Sent: Monday, October 09, 2017 11:12 AM
To: Alec Friedhoff; Sifan Liu [sl1217@georgetown.edu]
Cc: Mark Muro
Attachments: oes xwalk00.csv (79 KB) ; oes xwalk07.csv (6 KB)

Hey Alec,

Looping in Sifan here as she's best situated to offer detailed guidance on data work for the report.

My understanding is that the OES data for 2002 and 2016 were linked using the crosswalks I've attached here, and where occupations were broken up between the two periods, 2016 employment shares were used to distribute employment in 2002.

Hope that helps, Alec, but do stay in touch with further questions!

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From: Alec Friedhoff
Sent: Monday, October 09, 2017 10:20 AM
To: Jacob Whiton <JWhiton@brookings.edu>
Cc: Mark Muro <MMURO@brookings.edu>
Subject: RE: Digitalization data question

Hey guys,

I was planning to pump out a bunch of maps today to get a sense for the spatial distribution of various occupations to see if that yields anything interesting.

Do you have metro level occupation data (i.e. not just summary data) that I can take a look at? I can pull directly from the OES, but then I wondered how you handled the crosswalk between the 2010 SOC occupation codes, for 2016 data, and the 2000 SOC occupation for the 2002 data. Anything you've got would be helpful.

Thanks,
Alec

From: Jacob Whiton
Sent: Thursday, October 05, 2017 9:41 AM
To: Alec Friedhoff
Cc: Mark Muro
Subject: RE: Digitalization data question

Unfortunately, not to my knowledge, Alec. All of the findings on gender and racial gaps in the report are based on occupational groups.

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From: Alec Friedhoff
Sent: Thursday, October 05, 2017 9:39 AM
To: Jacob Whiton <JWhiton@brookings.edu>
Cc: Mark Muro <MMURO@brookings.edu>
Subject: RE: Digitalization data question

Thanks, Jacob. One question, do we have the gender and race/ethnicity cuts by detailed occupation? (at least at the national level). Thx!

From: Jacob Whiton
Sent: Thursday, October 05, 2017 9:00 AM
To: Alec Friedhoff
Cc: Mark Muro
Subject: RE: Digitalization data question

Hey Alec,

So it looks like Digital Skill level_*Year* is actually just the occupation's digital score category—Low, Medium, or High—with each bin coded as 1, 2, and 3 respectively.

Attached is the current version of the summary tables including states, metros, and racial/gender breakdowns by occupational group. Hope that helps and do let me know if you have any other questions or are looking for additional data!

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From: Alec Friedhoff
Sent: Wednesday, October 04, 2017 10:28 PM
To: Jacob Whiton <JWhiton@brookings.edu>
Cc: Mark Muro <MMURO@brookings.edu>
Subject: Digitalization data question

Hi Jacob,

I'm working on a few sketches for the digitalization piece and had a couple questions about the data. There are

some variables called highYY, mediumYY, and lowYY which I assume are the categories derived from the scoreYY variables for the given year, YY. What's not immediately clear to me are the skillYY variables. Can you explain what these indicate?

Also, I have a subset of the data that Sifan sent way back. It appears to be all occupations for the nation. When you have a chance, can you point me toward the state/metro data sets. (I've attached the data she originally sent, for reference.) The state/metro data aren't urgent. But what may be interesting to see sooner rather than later are the race and gender breakdowns of the occupations at the national level. If you could send that along at your earliest convenience, I'd appreciate it.

Best,
Alec