

Hinton, Nicole Lorraine

Subject: FW: t&t maps

From: Zechmeister, Elizabeth J.
Sent: Wednesday, January 08, 2014 10:03 AM
To: Vrinotis, Mary G.
Cc: Pizzolitto, Georgina V
Subject: RE: t&t

Hi Mary,

Mitch and I are reviewing this (Georgina is in training today). Can we set up a Skype meeting tomorrow with you and with Inder, or Friday, to discuss these sample design issues and the broader project goals, so that we can be sure to work toward the best fit between those two components?

Thanks,
Liz

From: Vrinotis, Mary G. [maryv@IADB.ORG]
Sent: Wednesday, January 08, 2014 1:03 AM
To: Zechmeister, Elizabeth J.
Cc: Pizzolitto, Georgina V
Subject: RE: t&t

Hi Liz,

I spent hours on this issue last night, and am open to suggestions. The only easy question here is yes to including all of Port of Spain Corporation. The easiest thing to do for "metro Port of Spain" would be to also include all of Diego Martin and San Juan-Laventille. But I feel like it's more accurate to actually follow some sort of periphery around POS, that's actually urban (I don't care if there are non-urban parts of POS Corporation, I can't entertain debate within POS). This also better matches what we did with Kingston-- I opted to include only the more urban parts of St Andrew's parish rather than the whole parish. Because I have more ready contacts on crime in TT than at the Stats Office (what there is of it), I have been thinking more in terms of police stations than 'urban centers' to try and figure out what exactly to include. Attached is a map of the police stations in TT. It happens that one of the leading criminologists in the world, Larry Sherman, is currently doing a study in TT in partnership with the police. He sent me 2013 homicide data by station so I could see what areas around POS are the hardest hit, but I'm really using it as a proxy of urbanicity. However I would hate to skip over stations on the map that look as close as others but didn't have many homicides, such as Santa Cruz or Patna Post, and later discover that station was also in a fairly urban area but I biased the definition of 'metro POS' in favor of crime rather than urbanicity.

If I use the homicide data as a proxy of urbanicity, then I'd say include every area corresponding with all the stations in these 3 corporations EXCEPT: Patna Post (in Diego Martin), and Santa Cruz, Maraca's Bay, and Blanchisseuse in San Juan-Laventille. But it would be great if you could confirm that those 4 stations correspond (at least roughly) to less populated areas relative to the other stations in the division. I have asked the police for both the boundaries and population estimates but haven't received a reply.

Another, simpler way I/we could make this decision is to use a geographic radius from the boundary of the POS Corporation: e.g., we include any area/cluster with a police station within XX miles of POS. In this event I think the only

two stations that would be excluded are Maraca's Bay and Blanchisseuse. In terms of comparability with Kingston, I think the urban areas of St Andrew that were included were all close to if not bordering Kingston Parish, no?

I'm on the fence about whether St. Joseph's station in the Northern district should be included. I thought it was in the San Juan-Lav Corp (even though it's not in the Northeastern district that mostly covers that Corp) but the link you sent below doesn't include it I don't think (it was in the link I sent you). It looks about as far away from the POS border as Patna Post, so if we use distance as the inclusion criterion we should remember that. Based on homicides, however, I think St Joseph is more likely than Patna Post to be urban.

If you have a map you could send that shows the boundary difference btw POS subarea vs. corp and Diego Martin subarea vs. corp, I'm interested in seeing it (I'm more interested in the population difference between the subareas and the rest of the corp).

Sorry to make this so complicated. Perhaps the geographic radius around the POS corp border is the way to go.

Best,
Mary

From: Zechmeister, Elizabeth J. [liz.zechmeister@Vanderbilt.Edu]
Sent: Tuesday, January 07, 2014 3:10 PM
To: Vrinotis, Mary G.
Cc: Pizzolitto, Georgina V
Subject: t&t

Hi Mary,

Georgina, cc'd here, is working on the Trinidad sample design. She has your email that says to include the five urban centers listed for San Juan-Laventille Corporation. We note that there are other areas within that corporation, which we have included in the past in our national sample; the entire list is here: http://en.wikipedia.org/wiki/San_Juan-Laventille_Regional_Corporation.

Can you let us know if, for the urban oversample, we are to focus only on the five centers you noted listed on the other wikipedia page or if we should include others? Also, are we to include the Port of Spain Corporation, only urban areas within it, or only the sub-area of "Port of Spain" within the larger Port of Spain Corporation? We have the same question for Diego Martin (corporation or subarea by the same name).

If any of this is not clear, let us know and maybe we can arrange a conversation by Skype b/t you and Georgina.

Thanks!
Liz