

Phase 2b - Findings

Findings:

- ❑ The general trend has a sharp decrease in 2009 – 2010 and in 2013.
- ❑ In gender plots the policy change is applied disproportionately for males.
Generally females are not affected.
- ❑ When we compare the proportion of female searched for a few reasons
cs_drgtr(Drug transaction) the proportion of female stopped are more. But for
reasons like cs_bulg the fraction of female stopped is very less because mostly
female do not carry guns.
- ❑ The spikes in female for certain reasons like stop with prior knowledge is too
drastic on certain days. This indicates that females are searched intensely on
specific weeks.
- ❑ The plot for rf_knowl is very different than every other plot, it has a constant
reduction in frisk but there is a sudden increase after mid-year of 2011.
- ❑ For race the policies are applied disproportionately between whites and other
races. In almost all reasons the proportion of white stopped/searched/frisked is
too low.
- ❑ Blacks are the most affected race, the next is white Hispanic, then white, then
black Hispanic in most of the cases.
- ❑ In rf_Bulg in year 2009 there is a sharp decrease for black race – this must be
because of some policy change.
- ❑
- ❑ There is a major policy change in 2012, the number of people stopped, frisked
had hugely reduced.
- ❑ The proportion of black people searched, frisked or arrested is higher than white
in almost all cases
- ❑ Fraction of people frisked is very high compared to arrested and searched
 - ❑ policy for search and arrest is very different from frisk.

- ❑ There is a huge jump in fraction of people arrested or searched after 2012 but frisk fraction is unaffected.
 - ❑ implies policy change for search and arrest around 2012
- ❑ The fraction of frisk rf_vaact plot has a huge jump in between 2004 - 2005
 - ❑ policy for frisk with reason “ ACTIONS OF ENGAGING IN A VIOLENT CRIME” has changed in between 2004 - 2005.
- ❑ For weekly frisk fraction
 - ❑ Year 2011
 - ❑ There is a sudden huge increase for female but there is a decrease in male frisk
 - ❑ Policy change to stop more female
- ❑ For weekly stop reason “SUSPICIOUS BULGE” and “Search Hard Object”
 - ❑ Year 2011
 - ❑ There is a sudden huge increase for female but there is a decrease in male frisk
 - ❑ Policy change to stop more female
- ❑ For the frisk reason rfcmp “REFUSE TO COMPLY WITH THE OFFICER”
 - ❑ Throught the graph, we could see the monotonic trend complies with the main curve , but for the females the variance is very random
 - ❑ In the year 2003, there is a sharp increase in female frisked ratio.
- ❑ For the frisk reason “OTHER SUSPICIONS OF WEAPONS”
 - ❑ In year 2005-2006, there is a monotonic increase in number of female frisked whereas a monotonic decrease in number of males frisked
- ❑ For the frisk reason “INAPPROPRIATE ATTIRE FOR SEASON”
 - ❑ year 2004
 - ❑ huge increasing spike for black race whereas for other race there is a considerable decrease in frisk count
 - ❑ there was a policy change for blacks.
 - ❑ years 2013 - 2014

- ❑ sharp fall in the number of blacks frisked and a gradual increase for other races
- ❑ some policy change to reduce blacks frisked For the frisk reason "INAPPROPRIATE ATTIRE FOR SEASON"
 - ❑ year 2008
 - ❑ huge decreasing spike for black race whereas for white hispanic there is a monotonic increase in frisk count
 - ❑ there was a policy change to frisk more white hispanics.
 - ❑ years 2012 - 2013
 - ❑ Monotonic decrease in the number of white hispanics frisked and a gradual increase for other races
 - ❑ some policy change to support white hispanics.
- ❑ For the frisk reason "Suspicion of Bulge"
 - ❑ year 2007 - 2008
 - ❑ Monotonic increase in white whereas monotonic decrease for other races.
 - ❑ there was a policy change to frisk more white people.
- ❑ For the search reason "OUTLINE OF WEAPON"
 - ❑ year 2004 - 2005
 - ❑ Monotonic increase in white hispanic whereas monotonic decrease for other races.
 - ❑ there was a policy change to search more white people.
 - ❑ year 2009- 2010
 - ❑ Monotonic decrease in black whereas monotonic increase for other races.
 - ❑ there was a policy change to search less black people.
- ❑ For the stop reason "CARRYING SUSPICIOUS OBJECT"
 - ❑ year 2011 - 2012
 - ❑ Sharp spike in black whereas monotonic/sharp decrease for other

racess.

- ❑ there was a policy change to stop more black people.

- ❑ For the stop reason "SUSPICIOUS BULGE"

- ❑ year 2007

- ❑ Gradual decrease in black whereas gradual increase for other races.

- ❑ there was a policy change to stop less black people .

- ❑ year 2014

- ❑ Monotonic decrease in black stop but monotonic increase for others

- ❑ there was a policy change to stop less black people .

- ❑ To conclude

- ❑ year 2007

- ❑ there was a policy change to stop less black people .

- ❑ year 2007

- ❑ Policy change to stop more female.

- ❑ Black hispanics are very rarely affected by policy change.