Behavior Changes During COVID-19: Who People Are and How That Affects Their Activity Level

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Data!

- UMD National Center for Smart Growth (NCSG) created a survey
 - How did habits change?

- Distributed
 - Social media
 - Email lists
 - Two international airports

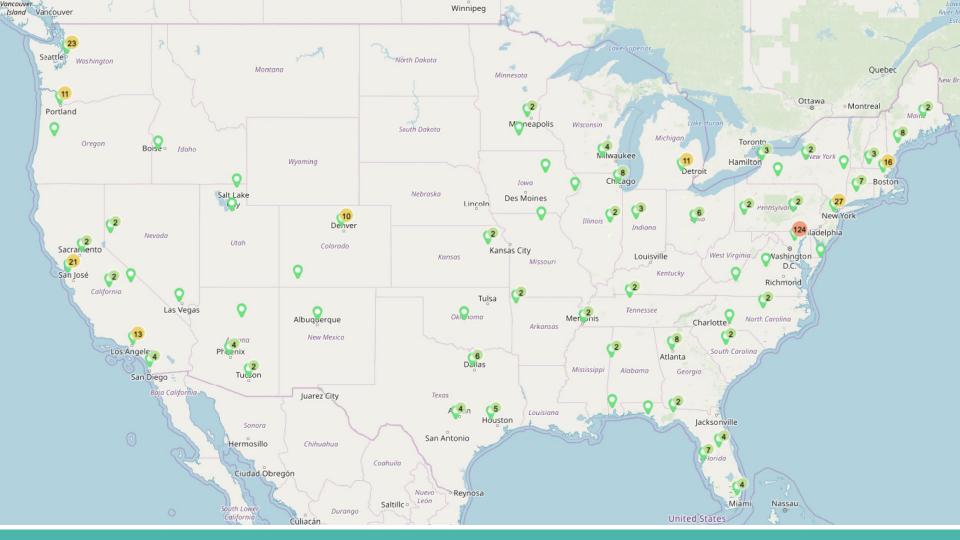
Respondents by the Numbers

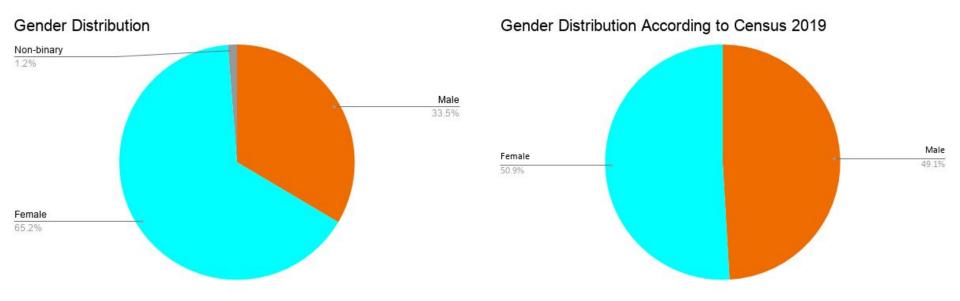


557 individuals surveyed

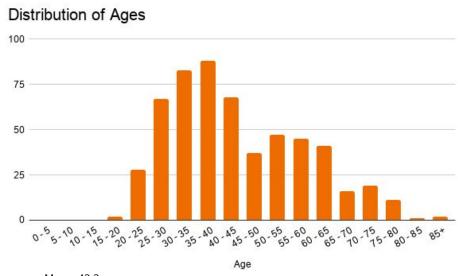


403 zip codes represented

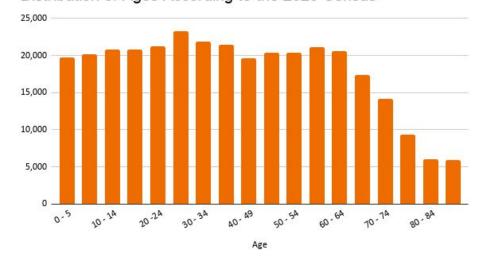




SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement, 2019.



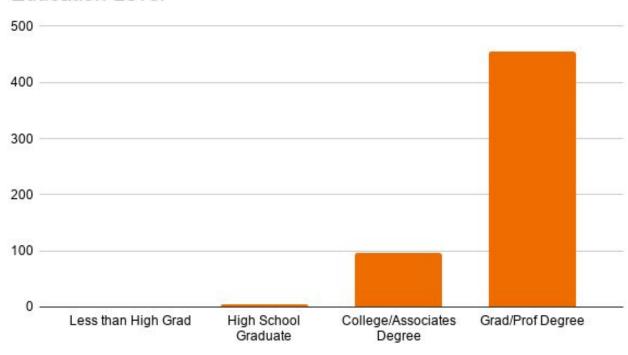
Distribution of Ages According to the 2020 Census



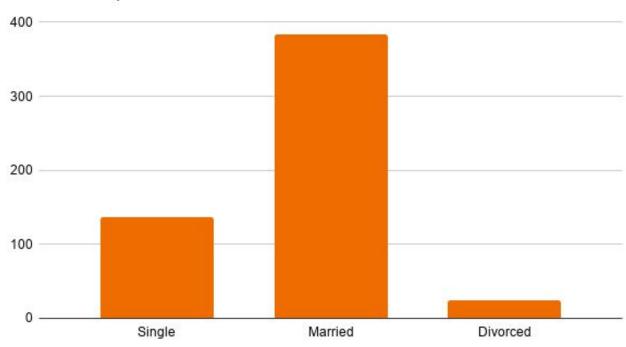
Mean: 43.3 years Median: 40 years

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement, 2019.

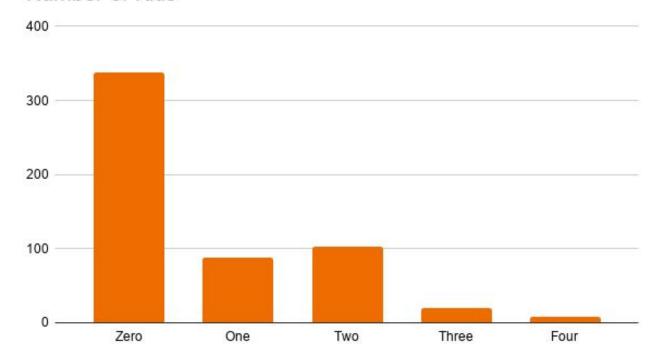
Education Level



Relationship Status

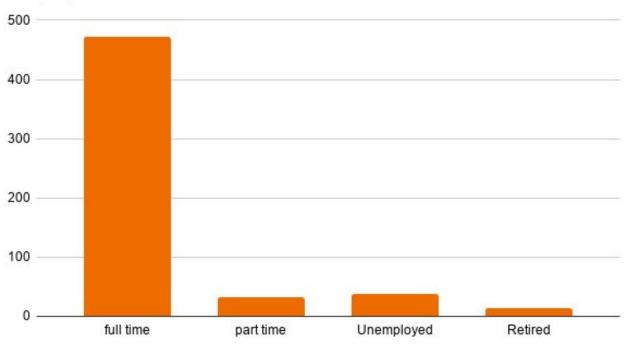


Number of Kids

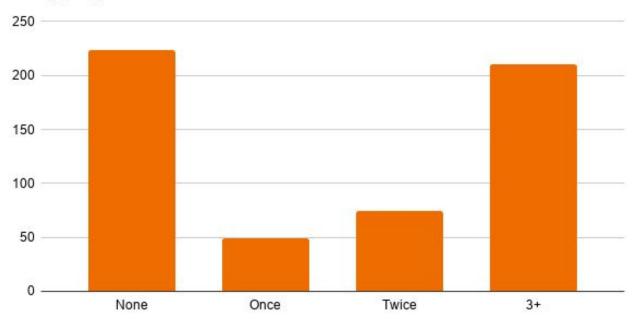


Mean: 0.6 Kids Median: 0 Kids





Times Participants Left Home Other Than for Grocery Shopping or Exercise





Interesting notes:

Majority women

Age Skew

Very Educated

What Factors are Related to Exercise Change?

- The WHO: "Physical activity...
 - Has significant health benefits
 - Reduces depression and anxiety
 - Helps improve quality of life"

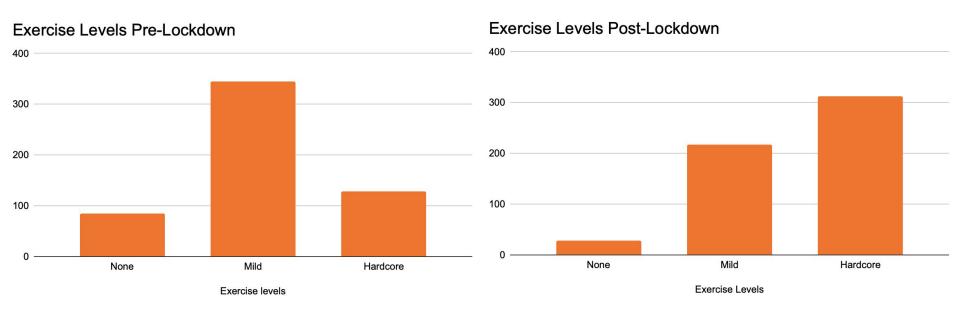


SOURCE: The World Health Organization, Fact Sheet on Physical Activity

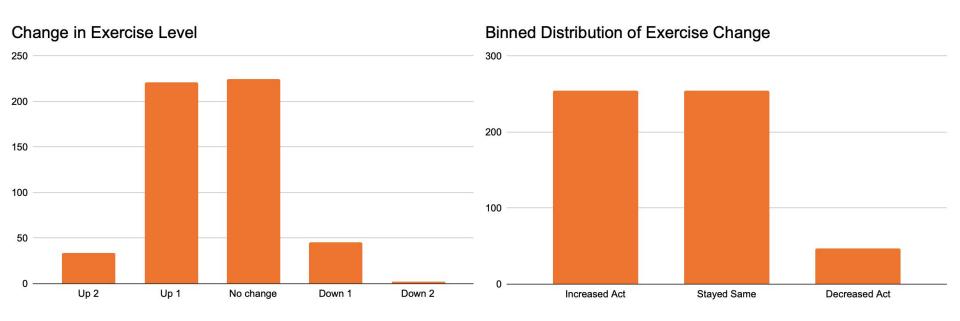
- 18. How many minutes a day were you physically active before the lockdown?
 None
 0-15 minutes a day
 - 15-30 minutes a day
 - 30-60 minutes a day
 - 60+ minutes a day
- 19. How many times a week did you use to exercise inside or outside your home (i.e., in a gym, sport club or in your neighborhood/recreational trail) before the lockdown?
 - 1-2 times a week Mild
 3-4 times a week Mild
 - 5+ times a week Hardcore
 - None None
- 20. How many times a week do you leave your house for a walk/run in the neighborhood or a close-by trail during the lockdown?
 - 1-2 times a week Mild
 - 3-4 times a week
 5+ times a week
 Hardcore
 - 5+ times a week
 None
 Hardcore
 None
- 21. How often do you exercise at home during the lockdown? Select the best that applies.
- 5-30 minutes every day
 30+ minutes every day
 5-30 minutes 1-3 days a week

 Mild
 - 5-30 minutes 1-3 days a week
 5-30 minutes 3-5 days a week
 30+ minutes 1-3 days a week
 Mild
 Mild
 - 30+ minutes 3-5 days a week
 None
 Mild
 None

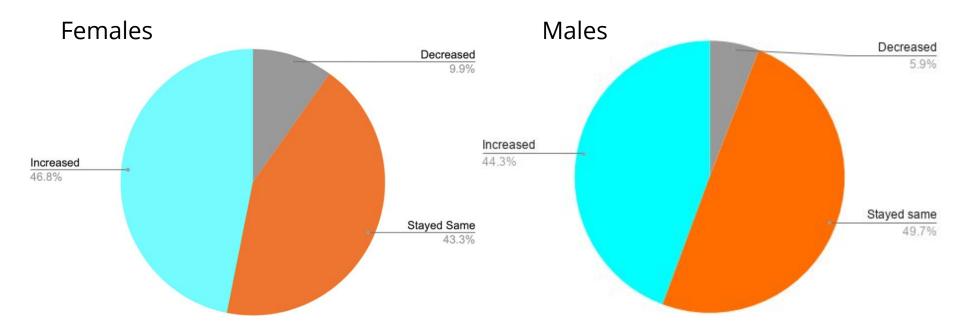
Exercise Levels



Two Perspectives on the Change in Exercise

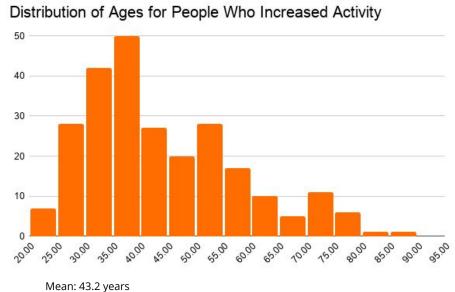


Gender and Exercise

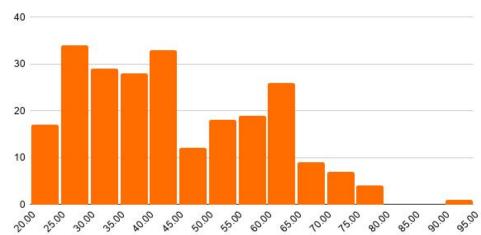


* Note: 65.2% of respondents were female

Age and Exercise



Distribution of Ages for People who Maintained the Same Exercise Level

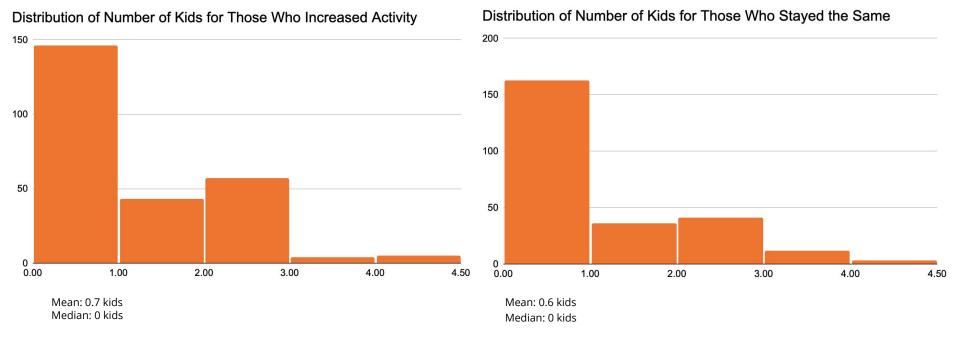


Mean: 43.2 years Median: 39 years

Mean: 39.6 years Median: 38 years

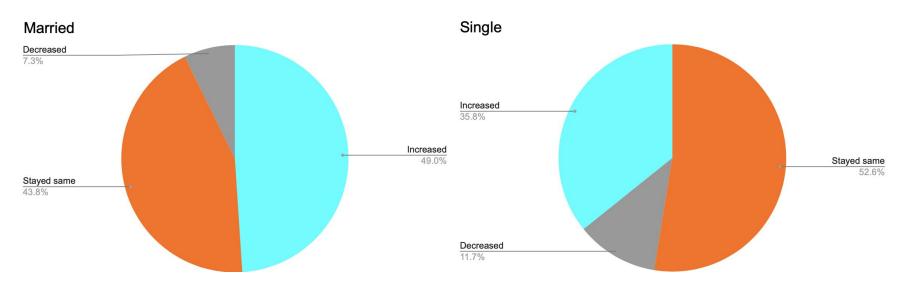
* Note: The percentage of respondents who reported decreased activity (47) was too small to produce relevant results, so we omitted that distribution here

Number of Kids and Exercise



* Note: The percentage of respondents who reported decreased activity (47) was too small to produce relevant results, so we omitted that distribution here

Marriage and Exercise



* Note: Omitted divorced/separated (25) due to limited representation in the data set

Observations

- Increase in exercise
- Gender, number of kids: little correlation
- 50+ years old: overrepresented for stayed same
- Married people were more likely to increase

Conclusions

- Female, highly educated, employed, married, 30s-40s
 - o More socially, financially stable
- Stability
- Companionship

Thank You!

Any Questions?