**Climate change-coastal issues poll – Shore/bay counties**
**Sept. 18-29, 2019**
**Stockton Polling Institute**
**Weighted frequencies**

**Q1. Which one of the following best describes your view of climate change:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | It is a crisis | 168 | 29.6 | 29.6 | 29.6 |
| | It is a major problem | 192 | 33.8 | 33.8 | 63.4 |
| | It is a minor problem | 126 | 22.1 | 22.1 | 85.4 |
| | Or it is not a problem at all? | 78 | 13.6 | 13.6 | 99.1 |
| | NOT SURE/DON'T KNOW | 5 | .8 | .8 | 99.8 |
| | REFUSE | 1 | .2 | .2 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q2. Which one of the following best describes your view about the main cause of climate change:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | It is mainly caused by human activity and burning fossil fuels | 331 | 58.2 | 58.2 | 58.2 |
| | It is mainly a natural occurrence | 185 | 32.5 | 32.5 | 90.7 |
| | SOME OTHER CAUSE | 23 | 4.1 | 4.1 | 94.8 |
| | DON'T BELIEVE IN CLIMATE CHANGE | 8 | 1.5 | 1.5 | 96.3 |
| | NOT SURE/DON'T KNOW | 21 | 3.7 | 3.7 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q3. Would you say that climate change is currently affecting New Jersey, or is it not?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | AFFECTING N.J. | 390 | 68.6 | 68.6 | 68.6 |
| | NOT AFFECTING N.J. | 150 | 26.3 | 26.3 | 94.9 |
| | NOT SURE/DON'T KNOW | 29 | 5.1 | 5.1 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q4. We want to know how you see climate change affecting New Jersey. For each of the following, please indicate whether it is a major concern, a minor concern or no concern at all. Flooding**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 282 | 49.6 | 72.2 | 72.2 |
| | MINOR | 88 | 15.4 | 22.5 | 94.7 |
| | NO CONCERN | 16 | 2.9 | 4.2 | 98.9 |
| | NS/SK | 4 | .8 | 1.1 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

**Q5. Beach erosion**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 294 | 51.8 | 75.4 | 75.4 |
| | MINOR | 79 | 13.9 | 20.2 | 95.6 |
| | NO CONCERN | 11 | 2.0 | 2.9 | 98.5 |
| | NS/SK | 5 | .9 | 1.3 | 99.8 |
| | REFUSE | 1 | .2 | .2 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q6. Health effects

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 194 | 34.1 | 49.7 | 49.7 |
| | MINOR | 155 | 27.3 | 39.8 | 89.5 |
| | NO CONCERN | 23 | 4.0 | 5.9 | 95.4 |
| | NS/SK | 18 | 3.2 | 4.6 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q7. Harming plants or farming

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 247 | 43.5 | 63.3 | 63.3 |
| | MINOR | 109 | 19.1 | 27.9 | 91.2 |
| | NO CONCERN | 19 | 3.4 | 5.0 | 96.2 |
| | NS/SK | 15 | 2.6 | 3.8 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q8. A threat to animals

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 244 | 42.9 | 62.5 | 62.5 |
| | MINOR | 120 | 21.1 | 30.7 | 93.3 |
| | NO CONCERN | 20 | 3.5 | 5.1 | 98.4 |
| | NS/SK | 6 | 1.1 | 1.6 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q9. Worsening pollution

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 294 | 51.6 | 75.2 | 75.2 |
| | MINOR | 71 | 12.5 | 18.2 | 93.4 |
| | NO CONCERN | 21 | 3.7 | 5.5 | 98.9 |
| | NS/SK | 4 | .8 | 1.1 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q10. Extreme weather

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 280 | 49.3 | 71.8 | 71.8 |
| | MINOR | 93 | 16.3 | 23.8 | 95.6 |
| | NO CONCERN | 13 | 2.2 | 3.2 | 98.8 |
| | NS/SK | 5 | .8 | 1.2 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q11. Making hurricanes worse

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 277 | 48.7 | 70.9 | 70.9 |
| | MINOR | 81 | 14.2 | 20.6 | 91.5 |
| | NO CONCERN | 19 | 3.3 | 4.8 | 96.3 |
| | NS/SK | 14 | 2.5 | 3.7 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q12. Harming or changing the ocean

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 294 | 51.6 | 75.2 | 75.2 |
| | MINOR | 75 | 13.1 | 19.1 | 94.3 |
| | NO CONCERN | 19 | 3.3 | 4.8 | 99.1 |
| | NS/SK | 3 | .6 | .9 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q13. Warming the Earth

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 305 | 53.6 | 78.1 | 78.1 |
| | MINOR | 60 | 10.6 | 15.4 | 93.5 |
| | NO CONCERN | 15 | 2.6 | 3.8 | 97.3 |
| | NS/SK | 10 | 1.7 | 2.5 | 99.8 |
| | REFUSE | 1 | .2 | .2 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

## Q14. Rising sea level

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | MAJOR | 303 | 53.2 | 77.5 | 77.5 |
| | MINOR | 64 | 11.2 | 16.3 | 93.8 |
| | NO CONCERN | 15 | 2.6 | 3.7 | 97.6 |
| | NS/SK | 10 | 1.7 | 2.4 | 100.0 |
| | Total | 390 | 68.6 | 100.0 | |
| Missing | System | 178 | 31.4 | | |
| Total | | 569 | 100.0 | | |

**Q15. Thinking about the state's shoreline, how much or how little of a problem do you think flooding is in the coastal zone of New Jersey:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | A very serious problem | 171 | 30.1 | 30.1 | 30.1 |
| | A significant problem | 240 | 42.3 | 42.3 | 72.4 |
| | A minor problem | 127 | 22.3 | 22.3 | 94.7 |
| | Not a problem | 23 | 4.1 | 4.1 | 98.8 |
| | NOT SURE/DON'T KNOW | 7 | 1.2 | 1.2 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q16. How often, if ever, does coastal flooding affect your personal property:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Never | 195 | 34.3 | 67.9 | 67.9 |
| | One or two times a year | 54 | 9.6 | 19.0 | 86.9 |
| | Three to five times a year | 21 | 3.8 | 7.4 | 94.3 |
| | Six to ten times a year | 5 | 1.0 | 1.9 | 96.2 |
| | Or more than 10 times a year? | 10 | 1.7 | 3.5 | 99.7 |
| | NOT SURE/DON'T KNOW | 1 | .1 | .3 | 100.0 |
| | Total | 287 | 50.5 | 100.0 | |
| Missing | System | 282 | 49.5 | | |
| Total | | 569 | 100.0 | | |

**Q16A. Would you support or oppose local construction projects to reduce the threat of flooding if you personally had to pay higher taxes or fees?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 163 | 28.7 | 57.0 | 57.0 |
| | OPPOSE | 103 | 18.1 | 36.0 | 92.9 |
| | NOT SURE/DON'T KNOW | 18 | 3.2 | 6.4 | 99.3 |
| | REFUSE | 2 | .4 | .7 | 100.0 |
| | Total | 287 | 50.5 | 100.0 | |
| Missing | System | 282 | 49.5 | | |
| Total | | 569 | 100.0 | | |

**Q17. What one of the following best describes how you feel about the government's response to climate change issues affecting the coast:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Its response is strong and appropriate. | 58 | 10.2 | 10.2 | 10.2 |
| | Its response is okay but it could do more. | 178 | 31.3 | 31.3 | 41.5 |
| | It should do much more about the issue. | 136 | 23.8 | 23.8 | 65.3 |
| | Its response is totally inadequate. | 152 | 26.7 | 26.7 | 92.0 |
| | NOT SURE/DON'T KNOW | 36 | 6.4 | 6.4 | 98.4 |
| | REFUSE | 9 | 1.6 | 1.6 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q18. What one of the following best describes how you feel about the government's response to flooding issues affecting the coast:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Its response is strong and appropriate. | 87 | 15.3 | 15.3 | 15.3 |
| | Its response is okay but it could do more. | 192 | 33.7 | 33.7 | 49.0 |
| | It should do much more about the issue. | 139 | 24.5 | 24.5 | 73.4 |
| | OR Its response is totally inadequate. | 119 | 21.0 | 21.0 | 94.4 |
| | NOT SURE/DON'T KNOW | 26 | 4.6 | 4.6 | 99.0 |
| | REFUSE | 6 | 1.0 | 1.0 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q19. Would you support or oppose restrictions that would limit or restrict construction next to New Jersey beaches and the ocean?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 387 | 68.1 | 68.1 | 68.1 |
| | OPPOSE | 147 | 25.8 | 25.8 | 93.9 |
| | NOT SURE/DON'T KNOW | 32 | 5.6 | 5.6 | 99.5 |
| | REFUSE | 3 | .5 | .5 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q20. Do you support or oppose building sand dunes to protect the shore even if they block the view of the ocean?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 500 | 87.9 | 87.9 | 87.9 |
| | OPPOSE | 53 | 9.4 | 9.4 | 97.3 |
| | NOT SURE/DON'T KNOW | 15 | 2.6 | 2.6 | 99.9 |
| | REFUSE | 1 | .1 | .1 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q20A. Would you support or oppose building higher bulkheads or flood walls to protect against back bay flooding even if they block the view of the bay?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 485 | 85.3 | 85.3 | 85.3 |
| | OPPOSE | 56 | 9.9 | 9.9 | 95.2 |
| | NOT SURE/DON'T KNOW | 26 | 4.6 | 4.6 | 99.7 |
| | REFUSE | 1 | .3 | .3 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q20B. Would you support or oppose flood gates across inlets to help control back bay flooding?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 424 | 74.5 | 74.5 | 74.5 |
| | OPPOSE | 90 | 15.7 | 15.7 | 90.3 |
| | NOT SURE/DON'T KNOW | 53 | 9.4 | 9.4 | 99.7 |
| | REFUSE | 2 | .3 | .3 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q21. Do you support or oppose drilling off the Atlantic coast for oil or natural gas?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 213 | 37.5 | 37.5 | 37.5 |
| | OPPOSE | 308 | 54.1 | 54.1 | 91.6 |
| | NOT SURE/DON'T KNOW | 44 | 7.7 | 7.7 | 99.4 |
| | REFUSE | 4 | .6 | .6 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**Q22. Do you support or oppose allowing wind turbines to be built off the Atlantic coast to harness wind energy?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | SUPPORT | 440 | 77.3 | 77.3 | 77.3 |
| | OPPOSE | 87 | 15.3 | 15.3 | 92.6 |
| | AS LONG AS I CANNOT SEE THEM | 12 | 2.2 | 2.2 | 94.8 |
| | NOT SURE/DON'T KNOW | 30 | 5.2 | 5.2 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

## Demographics

### PHONE. Have I reached you on a cell phone or on a regular landline telephone?

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Cell phone | 330 | 58.1 | 58.1 | 58.1 |
| | Landline phone | 235 | 41.2 | 41.2 | 99.3 |
| | COMPUTER/VOIP (VOL) | 1 | .2 | .2 | 99.5 |
| | NOT SURE/DON'T KNOW | 2 | .3 | .3 | 99.9 |
| | REFUSE | 1 | .1 | .1 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

### PARTY. Do you consider yourself to be a:

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Republican | 151 | 26.6 | 26.6 | 26.6 |
| | Democrat | 140 | 24.5 | 24.5 | 51.1 |
| | An independent | 177 | 31.2 | 31.2 | 82.2 |
| | Or something else? | 74 | 13.0 | 13.0 | 95.2 |
| | NOT SURE/DON'T KNOW | 10 | 1.7 | 1.7 | 96.9 |
| | REFUSE | 17 | 3.1 | 3.1 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

### D2. Do you consider yourself to be Hispanic or Latino, or not?

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | YES | 42 | 7.4 | 7.4 | 7.4 |
| | NO | 512 | 89.9 | 89.9 | 97.3 |
| | NOT SURE/DON'T KNOW | 4 | .6 | .6 | 98.0 |
| | REFUSE | 12 | 2.0 | 2.0 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**D1. Which category describes your age:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 18 to 29 | 50 | 8.8 | 8.8 | 8.8 |
| | 30 to 49 | 135 | 23.7 | 23.7 | 32.5 |
| | 50 to 64 | 207 | 36.4 | 36.4 | 68.9 |
| | Or 65 and older? | 177 | 31.1 | 31.1 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**COUNTY. What county do you live in?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | ATLANTIC | 149 | 26.2 | 26.2 | 26.2 |
| | CAPE MAY | 54 | 9.6 | 9.6 | 35.8 |
| | CUMBERLAND | 22 | 3.9 | 3.9 | 39.7 |
| | MONMOUTH | 156 | 27.5 | 27.5 | 67.2 |
| | OCEAN | 183 | 32.1 | 32.1 | 99.3 |
| | SALEM | 4 | .7 | .7 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**WATER. Do you live in a municipality where any part of it touches the ocean or a bay?**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | YES | 287 | 50.5 | 50.5 | 50.5 |
| | NO | 268 | 47.2 | 47.2 | 97.6 |
| | NOT SURE/DON'T KNOW | 13 | 2.4 | 2.4 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**D3. Which of the following best describes your race:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | White | 461 | 81.0 | 81.0 | 81.0 |
| | Black or African American | 23 | 4.0 | 4.0 | 85.0 |
| | Asian or Pacific Islander | 12 | 2.0 | 2.0 | 87.0 |
| | Native American | 3 | .5 | .5 | 87.6 |
| | Or do you identify with more than one race? | 47 | 8.3 | 8.3 | 95.9 |
| | NOT SURE/DON'T KNOW | 3 | .6 | .6 | 96.5 |
| | REFUSE | 20 | 3.5 | 3.5 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**D4. Which of the following best describes your highest level of education:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Did not graduate from high school | 5 | .9 | .9 | .9 |
| | High school or vo-tech graduate | 102 | 17.9 | 17.9 | 18.8 |
| | Some college or associate degree | 186 | 32.7 | 32.7 | 51.5 |
| | A four-year college degree or higher | 159 | 28.0 | 28.0 | 79.6 |
| | Or a graduate or professional degree? | 112 | 19.7 | 19.7 | 99.3 |
| | REFUSE | 4 | .7 | .7 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**D5. Which of the following general categories best represents your household income last year before taxes:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Less than $25,000 | 34 | 6.0 | 6.0 | 6.0 |
| | $25,000 to less than $50,000 | 80 | 14.0 | 14.0 | 20.0 |
| | $50,000 to less than $100,000 | 147 | 25.9 | 25.9 | 45.9 |
| | $100,000 to $150,000 | 118 | 20.7 | 20.7 | 66.5 |
| | Or more than $150,000? | 121 | 21.3 | 21.3 | 87.8 |
| | NOT SURE/DON'T KNOW | 7 | 1.2 | 1.2 | 89.0 |
| | REFUSE | 63 | 11.0 | 11.0 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |

**D6. Are you:**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | Male | 261 | 45.8 | 45.8 | 45.8 |
| | Or female? | 305 | 53.7 | 53.7 | 99.5 |
| | REFUSE | 3 | .5 | .5 | 100.0 |
| | Total | 569 | 100.0 | 100.0 | |