July 13-14, 2016
YouGov

1. Robots | Future Tasks

How likely do you think it is that in the future robots will be able to do many of the tasks that humans currently undertake?

|  | Total | Gender |  | Age (4 category) |  |  |  | Race (4 category) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Under 30 | 30-44 | 45-64 | 65+ | White | Black | Hispanic | Other |
| Very likely | 45\% | 48\% | 41\% | 25\% | 46\% | 51\% | 52\% | 50\% | 35\% | 28\% | 42\% |
| Somewhat likely | 38\% | 34\% | 42\% | 46\% | 36\% | 38\% | 33\% | 39\% | 30\% | 38\% | 48\% |
| Not very likely | 8\% | 7\% | 9\% | 18\% | 9\% | 4\% | 6\% | 6\% | 11\% | 19\% | 9\% |
| Not at all likely | 3\% | 5\% | 1\% | 4\% | 4\% | 1\% | 3\% | 1\% | 13\% | 2\% | 1\% |
| Not sure | 6\% | 6\% | 6\% | 7\% | 5\% | 6\% | 6\% | 4\% | 11\% | 12\% | 0\% |
| Totals (Unweighted N) | $\begin{aligned} & 100 \% \\ & (997) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (487) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (510) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (170) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (237) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (398) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (192) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (694) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (127) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (114) \end{aligned}$ | $\begin{gathered} 100 \% \\ (62) \end{gathered}$ |


|  | Total | Party ID (3 category) |  |  | Family Income (3 category) |  |  |  | Census Region |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Democrat | Independent | Republican | Under \$50K | \$50-100K | \$100K or more | Prefer not to say | Northeast | Midwest | South | West |
| Very likely | 45\% | 43\% | 47\% | 42\% | 41\% | 48\% | 52\% | 51\% | 54\% | 42\% | 42\% | 45\% |
| Somewhat likely | 38\% | 38\% | 34\% | 46\% | 36\% | 45\% | 34\% | 42\% | 38\% | 42\% | 36\% | 36\% |
| Not very likely | 8\% | 14\% | 6\% | 4\% | 12\% | 3\% | 9\% | 1\% | 3\% | 9\% | 8\% | 12\% |
| Not at all likely | 3\% | 2\% | 4\% | 1\% | 5\% | 1\% | 0\% | 0\% | 4\% | 1\% | 4\% | 1\% |
| Not sure | 6\% | 2\% | 8\% | 7\% | 7\% | 4\% | 5\% | 6\% | 1\% | 6\% | 9\% | 5\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N) | (997) | (367) | (366) | (264) | (468) | (279) | (138) | (112) | (158) | (309) | (347) | (183) |

## 2. Robots | Good Replacement

Overall, do you think it would be a good thing or a bad thing if robots began to perform much of the work humans currently do?

|  | Total | Gender |  | Age (4 category) |  |  |  | Race (4 category) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Under 30 | 30-44 | 45-64 | 65+ | White | Black | Hispanic | Other |
| Very good | 10\% | 15\% | 5\% | 8\% | 14\% | 9\% | 8\% | 8\% | 14\% | 9\% | 18\% |
| Somewhat good | 27\% | 33\% | 21\% | 29\% | 26\% | 28\% | 24\% | 29\% | 16\% | 20\% | 35\% |
| Somewhat bad | 29\% | 27\% | 32\% | 38\% | 24\% | 27\% | 31\% | 31\% | 22\% | 29\% | 32\% |
| Very bad | 21\% | 13\% | 29\% | 13\% | 25\% | 24\% | 21\% | 19\% | 31\% | 27\% | 12\% |
| Not sure | 13\% | 13\% | 14\% | 12\% | 12\% | 12\% | 16\% | 13\% | 17\% | 16\% | 4\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N) | $(1,000)$ | (489) | (511) | (170) | (240) | (398) | (192) | (697) | (127) | (114) | (62) |



## 3. Robots | Life without Work

Would you personally be happy or unhappy if you were able to live without having to work?


|  | Total | Party ID (3 category) |  |  | Family Income (3 category) |  |  |  | Census Region |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Democrat | Independent | Republican | Under \$50K | \$50-100K | \$100K or more | Prefer not to say | Northeast | Midwest | South | West |
| Very happy | 27\% | 31\% | 28\% | 19\% | 28\% | 26\% | 21\% | 30\% | 28\% | 37\% | 25\% | 18\% |
| Somewhat happy | 26\% | 29\% | 22\% | 27\% | 22\% | 32\% | 34\% | 19\% | 26\% | 27\% | 24\% | 25\% |
| Somewhat unhappy | 24\% | 27\% | 19\% | 28\% | 26\% | 23\% | 22\% | 16\% | 21\% | 17\% | 24\% | 34\% |
| Very unhappy | 12\% | 7\% | 15\% | 15\% | 11\% | 12\% | 9\% | 25\% | 15\% | 11\% | 13\% | 13\% |
| Not sure | 11\% | 6\% | 16\% | 11\% | 13\% | 7\% | 14\% | 10\% | 10\% | 9\% | 14\% | 10\% |
| Totals (Unweighted N) | $\begin{aligned} & 100 \% \\ & (999) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (367) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (368) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (264) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (469) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (280) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (137) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (113) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (158) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (309) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (348) \end{aligned}$ | $\begin{aligned} & 100 \% \\ & (184) \end{aligned}$ |

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4. Robots | Robot Future

If robots were able to perform almost all human tasks, what do you think is the most likely outcome?

|  | Total | Gender |  | Age (4 category) |  |  |  | Race (4 category) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Under 30 | 30-44 | 45-64 | 65+ | White | Black | Hispanic | Other |
| Virtually everyone would be able to enjoy a life of leisure | 8\% | 9\% | 6\% | 12\% | 13\% | 6\% | 3\% | 6\% | 15\% | 9\% | 10\% |
| Most people would lose their livelihood as people who owned |  |  |  |  |  |  |  |  |  |  |  |
| robots benefited | 70\% | 66\% | 73\% | 63\% | 66\% | 74\% | 75\% | 72\% | 62\% | 62\% | 74\% |
| Not sure | 22\% | 24\% | 20\% | 26\% | 22\% | 21\% | 22\% | 22\% | 23\% | 29\% | 16\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N ) | (999) | (488) | (511) | (170) | (240) | (397) | (192) | (697) | (126) | (114) | (62) |


|  | Total | Party ID (3 category) |  |  | Family Income (3 category) |  |  |  | Census Region |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Democrat | Independent | Republican | Under \$50K | \$50-100K | \$100K or more | Prefer not to say | Northeast | Midwest | South | West |
| Virtually everyone would be able to enjoy a life of leisure | 8\% | 11\% | 6\% | 6\% | 9\% | 9\% | 4\% | 6\% | 13\% | 9\% | 8\% | 2\% |
| Most people would lose their livelihood as people who owned |  |  |  |  |  |  |  |  |  |  |  |  |
| robots benefited | 70\% | 70\% | 65\% | 78\% | 68\% | 75\% | 63\% | 73\% | 67\% | 78\% | 60\% | 78\% |
| Not sure | 22\% | 19\% | 28\% | 16\% | 23\% | 16\% | 33\% | 21\% | 20\% | 13\% | 31\% | 20\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N ) | (999) | (366) | (368) | (265) | (468) | (280) | (138) | (113) | (158) | (308) | (349) | (184) |

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## 5. Robots | Worry Now

How worried are you that a robot could, today, do your job?
Asked if employed

|  | Total | Gender |  | Age (4 category) |  |  |  | Race (4 category) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Under 30 | 30-44 | 45-64 | 65+ | White | Black | Hispanic | Other |
| Very worried | 5\% | 5\% | 6\% | 5\% | 8\% | 3\% | 0\% | 5\% | 10\% | 7\% | 0\% |
| Somewhat worried | 19\% | 22\% | 17\% | 24\% | 21\% | 17\% | - | 18\% | 16\% | 36\% | 5\% |
| Not very worried | 26\% | 28\% | 24\% | 35\% | 23\% | 22\% | 34\% | 27\% | 21\% | 14\% | 50\% |
| Not at all worried | 46\% | 43\% | 49\% | 30\% | 45\% | 57\% | 66\% | 49\% | 46\% | 41\% | 31\% |
| Not sure | 3\% | 2\% | 4\% | 7\% | 3\% | 0\% | - | 2\% | 7\% | 2\% | 14\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N ) | (451) | (244) | (207) | (90) | (152) | (185) | (24) | (307) | (56) | (60) | (28) |


|  | Total | Party ID (3 category) |  |  | Family Income (3 category) |  |  |  | Census Region |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Democrat | Independent | Republican | Under \$50K | \$50-100K | \$100K or more | Prefer not to say | Northeast | Midwest | South | West |
| Very worried | 5\% | 8\% | 2\% | 8\% | 5\% | 3\% | 9\% | 7\% | 3\% | 5\% | 5\% | 6\% |
| Somewhat worried | 19\% | 25\% | 22\% | 6\% | 29\% | 13\% | 10\% | 2\% | 17\% | 26\% | 13\% | 27\% |
| Not very worried | 26\% | 17\% | 34\% | 25\% | 21\% | 28\% | 35\% | 36\% | 15\% | 22\% | 34\% | 28\% |
| Not at all worried | 46\% | 45\% | 40\% | 60\% | 40\% | 56\% | 45\% | 48\% | 63\% | 45\% | 43\% | 38\% |
| Not sure | 3\% | 5\% | 2\% | 2\% | 5\% | 0\% | 1\% | 7\% | 2\% | 2\% | 6\% | 0\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N ) | (451) | (153) | (181) | (117) | (175) | (156) | (75) | (45) | (76) | (128) | (163) | (84) |

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6. Robots | Future Worry

How worried are you that in 20 years a robot will be able to do your job?
Asked if employed

|  | Total | Gender |  | Age (4 category) |  |  |  | Race (4 category) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female | Under 30 | 30-44 | 45-64 | 65+ | White | Black | Hispanic | Other |
| Very worried | 9\% | 12\% | 6\% | 15\% | 10\% | 4\% | 0\% | 8\% | 10\% | 17\% | 1\% |
| Somewhat worried | 16\% | 18\% | 14\% | 12\% | 15\% | 22\% | 8\% | 18\% | 24\% | 5\% | 7\% |
| Not very worried | 28\% | 24\% | 31\% | 34\% | 27\% | 24\% | 26\% | 28\% | 17\% | 34\% | 32\% |
| Not at all worried | 42\% | 41\% | 43\% | 28\% | 44\% | 48\% | 66\% | 42\% | 41\% | 41\% | 46\% |
| Not sure | 5\% | 4\% | 5\% | 11\% | 3\% | 3\% | - | 4\% | 8\% | 3\% | 15\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N) | (456) | (245) | (211) | (91) | (153) | (188) | (24) | (311) | (56) | (61) | (28) |


|  | Total | Party ID (3 category) |  |  | Family Income (3 category) |  |  |  | Census Region |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Democrat | Independent | Republican | Under \$50K | \$50-100K | \$100K or more | Prefer not to say | Northeast | Midwest | South | West |
| Very worried | 9\% | 11\% | 8\% | 7\% | 12\% | 3\% | 15\% | 4\% | 8\% | 9\% | 5\% | 16\% |
| Somewhat worried | 16\% | 16\% | 18\% | 13\% | 18\% | 21\% | 4\% | 2\% | 14\% | 21\% | 15\% | 14\% |
| Not very worried | 28\% | 25\% | 32\% | 24\% | 25\% | 27\% | 32\% | 43\% | 30\% | 20\% | 35\% | 22\% |
| Not at all worried | 42\% | 43\% | 38\% | 49\% | 40\% | 45\% | 44\% | 40\% | 43\% | 45\% | 38\% | 46\% |
| Not sure | 5\% | 7\% | 3\% | 6\% | 5\% | 3\% | 5\% | 11\% | 5\% | 4\% | 8\% | 1\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |
| (Unweighted N) | (456) | (156) | (183) | (117) | (177) | (157) | (76) | (46) | (78) | (131) | (163) | (84) |

## YouGov

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| Interviewing Dates | July $13-14,2016$ |
| :--- | :--- |
| Target population | U.S. citizens, aged 18 and over. |
| Sampling method | Respondents were selected from <br> matching. A random sample (strat <br> registration, political ideology, pa <br> voter registration) was selected fr <br> Voter registration and party ident <br> 2014 Current Population Survey R |
| Weighting | The sample was weighted using <br> race, education, political ideology <br> The weights range from 0.002 to <br> deviation of 1.318. |
| Number of respondents | 1000 |
| Margin of error | $\pm 5.1 \%$ (adjusted for weighting) |
| Survey mode | Web-based interviews |
| Questions not reported | 20 questions not reported. |

