

2020 Census Self-Response Rates Daily Report

Presented by DSSD at Census Integration Group
September 9, 2020

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Self-Response Rates Summary

	Total self-response rate	Change from yesterday
Total (TEA 1 + 6)	65.5%	0.06%
Mailout areas (TEA 1)	66.7%	0.06%
Update leave (TEA 6)	32.1%	0.20%

As of 11:59 pm of the previous day

Detailed Self-Response Rates

	Total self-response rate	Internet	Phone	Paper	Change from yesterday	Updated Projections
Total (TEA 1 + 6)	65.5%	52.4%	1.1%	11.9%	0.06%	66.3%
Mailout areas (TEA 1)	66.7%	53.7%	1.2%	11.9%	0.06%	66.7%
Internet Choice	56.6%	26.6%	0.9%	29.0%	0.05%	54.6%
Internet First	69.5%	61.0%	1.2%	7.3%	0.06%	70.0%
Cohort 1	66.7%	57.6%	1.3%	7.8%	0.07%	65.9%
Cohort 2	67.9%	58.9%	1.4%	7.6%	0.07%	65.8%
Cohort 3	78.1%	70.3%	1.0%	6.8%	0.04%	81.8%
Cohort 4	64.7%	56.9%	1.2%	6.6%	0.07%	65.9%
English	67.6%	54.7%	1.1%	11.7%	0.06%	68.5%
Bilingual	58.4%	43.4%	1.5%	13.5%	0.09%	49.2%
Update leave (TEA 6)	32.1%	18.1%	0.8%	13.2%	0.20%	54.6%

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State by State Response Rates – TEA 1 & 6

State	Actual	2010 Rate (Final)	2020 Rate (start of NRFU)	2010 Rate (start of NRFU)
U.S. Total	65.5%	66.5%	63.3%	63.5%
Minnesota	74.3%	74.1%	72.5%	71.6%
Washington	71.5%	67.2%	69.1%	63.7%
Wisconsin	71.5%	73.5%	69.7%	71.2%
Nebraska	70.9%	71.1%	69.0%	68.8%
Michigan	70.4%	67.7%	68.9%	65.4%
Iowa	70.3%	73.0%	68.9%	71.0%
Illinois	70.1%	70.5%	68.2%	67.7%
Virginia	70.0%	69.0%	68.0%	66.2%
Utah	70.0%	68.6%	67.5%	65.4%
Maryland	69.8%	69.5%	67.4%	66.5%
Ohio	69.6%	69.0%	67.5%	66.2%
Connecticut	69.6%	69.5%	67.1%	66.3%
Indiana	69.5%	69.6%	67.5%	67.0%
Kansas	69.0%	70.0%	67.2%	67.4%
Colorado	68.8%	67.2%	66.6%	64.4%
Idaho	68.8%	67.1%	67.8%	64.6%
Oregon	68.3%	66.9%	65.7%	63.9%
Pennsylvania	68.2%	70.2%	66.3%	67.8%
Massachusetts	68.0%	68.8%	65.4%	65.6%
California	67.9%	68.2%	64.6%	64.7%
New Jersey	67.8%	67.6%	65.2%	64.4%
Kentucky	67.4%	65.7%	66.0%	63.0%
South Dakota	66.1%	67.1%	64.4%	65.0%
New Hampshire	65.8%	64.4%	63.2%	61.5%
Nevada	65.1%	61.4%	62.4%	58.7%
Missouri	65.0%	67.5%	63.4%	65.3%

State	Actual	2010 Rate (Final)	2020 Rate (start of NRFU)	2010 Rate (start of NRFU)
Tennessee	64.8%	67.1%	62.5%	63.8%
North Dakota	64.3%	68.8%	62.7%	66.8%
Rhode Island	63.7%	65.7%	61.0%	62.8%
Delaware	63.3%	64.1%	60.8%	60.8%
Florida	62.2%	63.0%	60.2%	59.6%
Alabama	62.2%	62.5%	60.8%	59.5%
Arizona	62.2%	61.3%	59.9%	58.5%
New York	62.0%	64.6%	59.0%	61.3%
Hawaii	62.0%	64.1%	59.9%	60.7%
District of Columbia	62.0%	66.0%	59.6%	62.2%
North Carolina	61.5%	64.8%	59.3%	62.1%
Texas	61.1%	64.4%	58.3%	60.3%
Georgia	60.8%	62.5%	59.0%	59.5%
Wyoming	59.9%	63.4%	57.6%	61.1%
Oklahoma	59.8%	62.3%	57.9%	58.9%
Arkansas	59.8%	62.3%	57.9%	59.5%
Vermont	59.5%	60.3%	56.9%	58.1%
South Carolina	59.4%	64.7%	57.4%	62.2%
Mississippi	59.2%	61.3%	58.0%	58.1%
Montana	58.8%	64.6%	56.9%	62.3%
Louisiana	58.7%	61.0%	57.3%	57.9%
Maine	57.5%	57.4%	55.5%	55.3%
New Mexico	56.4%	60.0%	53.5%	56.9%
West Virginia	55.8%	59.1%	54.9%	56.8%
Alaska	53.3%	55.6%	49.9%	51.6%
Puerto Rico	33.8%	53.8%	28.7%	51.2%

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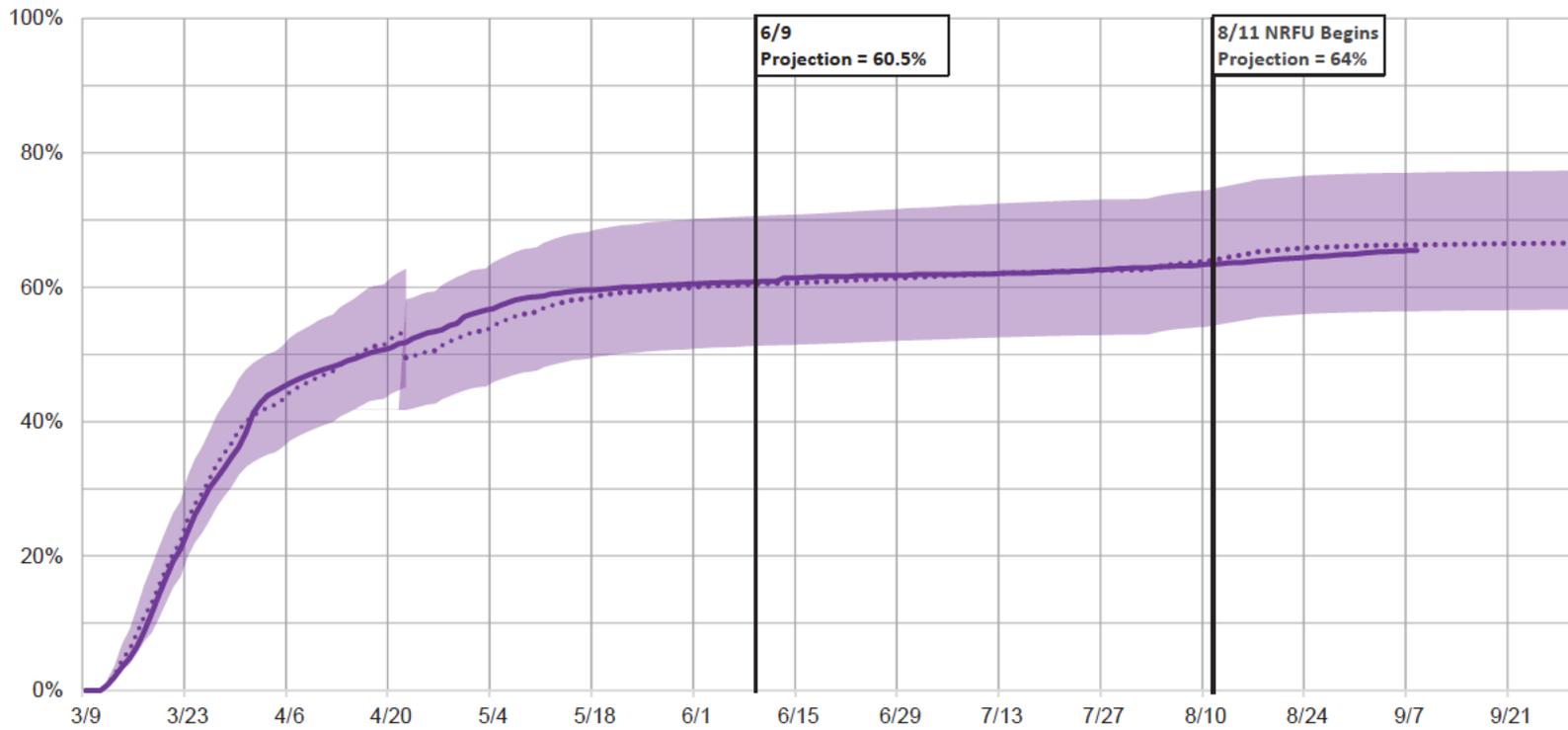
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State by State Response Rates – TEA 1 & 6

State	Actual	2010 Rate (Final)	2020 Rate (start of NRFU)	2010 Rate (start of NRFU)
U.S. Total	65.5%	66.5%	63.3%	63.5%
Alabama	62.2%	62.5%	60.8%	59.5%
Alaska	53.3%	55.6%	49.9%	51.6%
Arizona	62.2%	61.3%	59.9%	58.5%
Arkansas	59.8%	62.3%	57.9%	59.5%
California	67.9%	68.2%	64.6%	64.7%
Colorado	68.8%	67.2%	66.6%	64.4%
Connecticut	69.6%	69.5%	67.1%	66.3%
Delaware	63.3%	64.1%	60.8%	60.8%
District of Columbia	62.0%	66.0%	59.6%	62.2%
Florida	62.2%	63.0%	60.2%	59.6%
Georgia	60.8%	62.5%	59.0%	59.5%
Hawaii	62.0%	64.1%	59.9%	60.7%
Idaho	68.8%	67.1%	67.8%	64.6%
Illinois	70.1%	70.5%	68.2%	67.7%
Indiana	69.5%	69.6%	67.5%	67.0%
Iowa	70.3%	73.0%	68.9%	71.0%
Kansas	69.0%	70.0%	67.2%	67.4%
Kentucky	67.4%	65.7%	66.0%	63.0%
Louisiana	58.7%	61.0%	57.3%	57.9%
Maine	57.5%	57.4%	55.5%	55.3%
Maryland	69.8%	69.5%	67.4%	66.5%
Massachusetts	68.0%	68.8%	65.4%	65.6%
Michigan	70.4%	67.7%	68.9%	65.4%
Minnesota	74.3%	74.1%	72.5%	71.6%
Mississippi	59.2%	61.3%	58.0%	58.1%
Missouri	65.0%	67.5%	63.4%	65.3%

State	Actual	2010 Rate (Final)	2020 Rate (start of NRFU)	2010 Rate (start of NRFU)
Montana	58.8%	64.6%	56.9%	62.3%
Nebraska	70.9%	71.1%	69.0%	68.8%
Nevada	65.1%	61.4%	62.4%	58.7%
New Hampshire	65.8%	64.4%	63.2%	61.5%
New Jersey	67.8%	67.6%	65.2%	64.4%
New Mexico	56.4%	60.0%	53.5%	56.9%
New York	62.0%	64.6%	59.0%	61.3%
North Carolina	61.5%	64.8%	59.3%	62.1%
North Dakota	64.3%	68.8%	62.7%	66.8%
Ohio	69.6%	69.0%	67.5%	66.2%
Oklahoma	59.8%	62.3%	57.9%	58.9%
Oregon	68.3%	66.9%	65.7%	63.9%
Pennsylvania	68.2%	70.2%	66.3%	67.8%
Rhode Island	63.7%	65.7%	61.0%	62.8%
South Carolina	59.4%	64.7%	57.4%	62.2%
South Dakota	66.1%	67.1%	64.4%	65.0%
Tennessee	64.8%	67.1%	62.5%	63.8%
Texas	61.1%	64.4%	58.3%	60.3%
Utah	70.0%	68.6%	67.5%	65.4%
Vermont	59.5%	60.3%	56.9%	58.1%
Virginia	70.0%	69.0%	68.0%	66.2%
Washington	71.5%	67.2%	69.1%	63.7%
West Virginia	55.8%	59.1%	54.9%	56.8%
Wisconsin	71.5%	73.5%	69.7%	71.2%
Wyoming	59.9%	63.4%	57.6%	61.1%
Puerto Rico	33.8%	53.8%	28.7%	51.2%

Actual vs Projected Self-Response Rates (TEA 1 & 6)

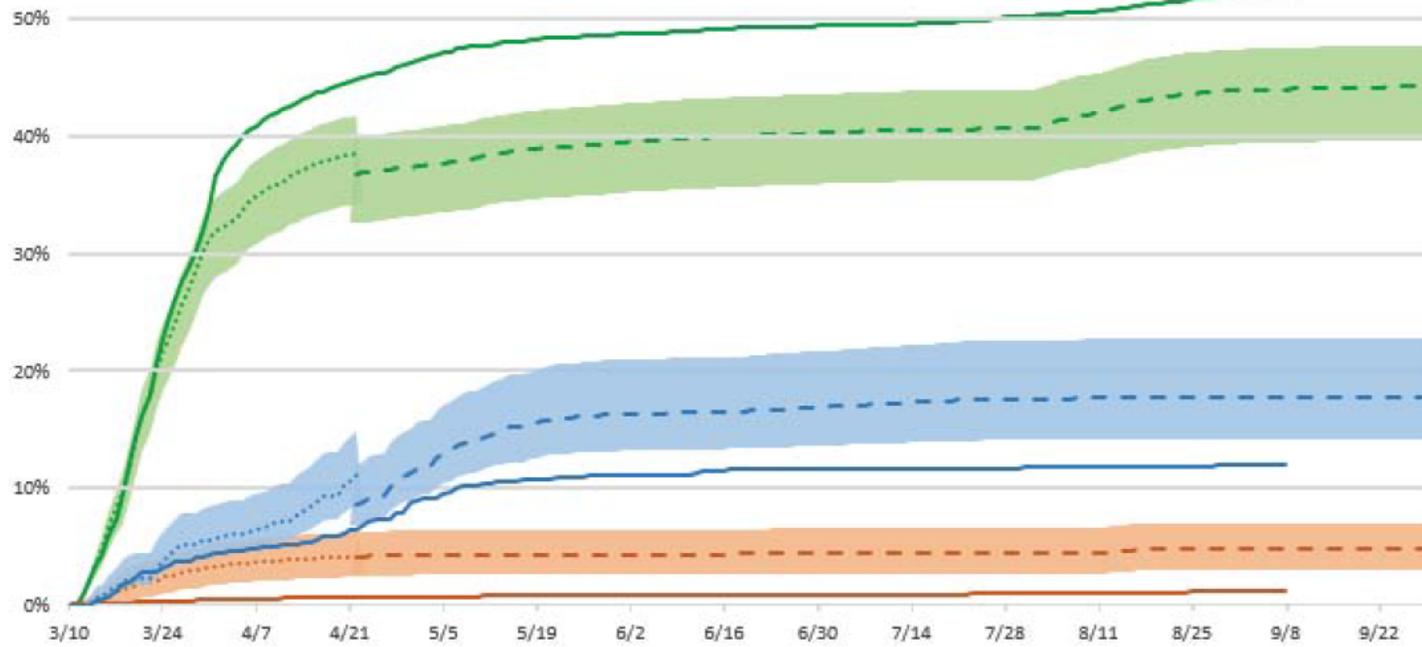


Actual Response	65.5%
Projection	66.3%
Lower Bound	56.5%
Upper Bound	77.1%

Legend

Actual Self-Response Rate	
Projected Self-Response Rate	
Lower & Upper Bound	

Actual vs Projected Self-Response Rates (TEA 1 & 6) by Mode



	Internet	Paper	Phone
Actual Response	52.4%	11.9%	1.1%
Projection	44.0%	17.6%	4.7%
Lower Bound	39.4%	14.1%	2.9%
Upper Bound	47.5%	22.7%	6.9%

Legend

	Internet	Paper	Phone
Actual Self-Response Rate			
Projected Self-Response Rate			
Lower & Upper Bound			

Real-Time Analysis of Data (RTAD) Update

Puerto Rico Tenure Demographic as of 9.3.20

Tenure	Internet	Paper	Phone	NRFU	Total	Benchmark
Owned	75.4%	75.3%	74.7%	65.2%	69.3	68.5%*
Rented	23.6%	18.8%	24.7%	28.9%	26.4%	31.5%*
Multiple	-	1.1%	-	-	0.1%	-
Blank	0.9%	4.9%	0.6%	5.9%	5.9%	3.1%**

*indicates the 13-17 ACS Puerto Rico Response Estimate from the Planning Database

**Missing rate from 2015 National Content Test

Sex Demographic: Mode at National Level

- Puerto Rico DDP response data as of 8/30

	Mode				Total	Benchmark
	Internet	Paper	Phone	NRFU		
Sex						
Female	53.0%	52.1%	55.8%	51.5%	52.2%	52.3%*
Male	45.2%	46.3%	43.4%	46.5%	46.0%	47.7%*
Male and Female****	.	0.1%	.	.	0.01%	
Missing	1.9%	1.6%	0.8%	2.0%	1.9%	1.0%**
Total	100.0%	100.0%	100.0%	100.0%	100.0%	

*National Distribution from 2013-2017 five-year ACS data

**Missing rate from 2015 National Content Test

Age Demographic: Mode at National Level

- Puerto Rico DDP response data as of 8/30

	Mode				Total	Benchmark
	Internet	Paper	Phone	NRFU		
Age						
Under 5 years	3.2%	1.3%	1.2%	3.3%	3.1%	5.0%*
5 to 17 years	13.8%	7.3%	6.0%	12.4%	12.4%	16.1%*
18 to 24 years	9.2%	6.2%	5.0%	8.1%	8.3%	10.0%*
25 to 44 years	24.1%	14.0%	11.5%	20.5%	21.1%	25.2%*
45 to 64 years	28.8%	30.0%	29.7%	24.7%	26.6%	25.6%*
65+ years	19.1%	39.9%	45.8%	20.9%	22.1%	18.2%*
Missing or invalid age response	1.9%	1.2%	0.9%	10.3%	6.5%	1.1%**
Total	100.0%	100.0%	100.0%	100.0%	100.0%	

*National Distribution from 2013-2017 five-year ACS data

**Missing rate from 2015 National Content Test

Race and Hispanic Origin by mode- Puerto Rico

Data as of 9/7 (for only DDPs)

Race and Hispanic Origin Categories	Internet	Paper	Phone	NRFU	Total	Benchmarks
Hispanic	96.7%	98.3%	98.3%	95.7%	96.3%	98.7%
Non-Hispanic	1.4%	0.7%	0.7%	1.1%	1.2%	1.3%
White alone	48.5%	57.5%	68.1%	56.7%	54.4%	65.1%
Black alone	9.4%	12.0%	11.6%	13.4%	12.0%	12.5%
AIAN alone	1.0%	0.6%	1.0%	0.7%	0.8%	0.1%
Asian alone	0.2%	0.1%	0.0%	0.1%	0.1%	0.2%
NHPI alone	0.1%	0.0%	0.0%	0.0%	0.1%	0.02%
Some other race alone	30.3%	14.3%	11.4%	19.5%	22.3%	17.3%
Two or More races	6.5%	4.4%	3.6%	2.9%	4.1%	4.8%
Missing Hispanic Origin only (not race)	0.0%	0.7%	0.2%	0.2%	0.2%	
Missing Race only (not Hispanic Origin)	2.0%	10.7%	3.4%	3.8%	3.8%	
Missing both Hispanic Origin and Race	1.9%	0.3%	0.8%	3.0%	2.4%	

Includes ID and matched non-ID cases

Race benchmarks from 2018 ACS Estimates.

Race and Hispanic Origin responses are considered missing if no checkboxes are checked and no textboxes are filled.

Mode	2015 NCT Missing Rate: Combined Question
Internet push strategy	1.3%
Internet choice strategy	0.07%

Informational Slides

2020 Census Self-Response Mail Strategy

- Two-panel design: Internet First (invitation letter on first contact) and Internet Choice (questionnaire on first contact)
- Internet First panel is divided into four cohorts to best distribute calls to Census Questionnaire Assistance
- Internet Choice panel is in a single cohort, mailed on the same schedule as Internet First, Cohort 2

MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7				1	2	3	4
8	9	10	11	12	13	14	5	6	7	8	9	10	11
15	16	17	18	19	20	21	12	13	14	15	16	17	18
22	23	24	25	26	27	28	19	20	21	22	23	24	25
29	30	31					26	27	28	29	30		

Panel	Cohort	Mailing 1 <i>Letter (Internet First) or Letter + Questionnaire (Internet Choice)</i>	Mailing 2 <i>Letter</i>	Mailing 3* <i>Postcard</i>	Mailing 4* <i>Letter + Questionnaire</i>	Mailing 5* <i>"It's not too late" Postcard</i>
Internet First	1	March 12, 2020	March 16, 2020	March 26, 2020	April 8, 2020	April 20, 2020
	2	March 13, 2020	March 17, 2020	March 27, 2020	April 9, 2020	April 20, 2020
	3	March 19, 2020	March 23, 2020	April 2, 2020	April 15, 2020	April 27, 2020
	4	March 20, 2020	March 24, 2020	April 3, 2020	April 16, 2020	April 27, 2020
Internet Choice	N/A	March 13, 2020	March 17, 2020	March 27, 2020	April 9, 2020	April 20, 2020

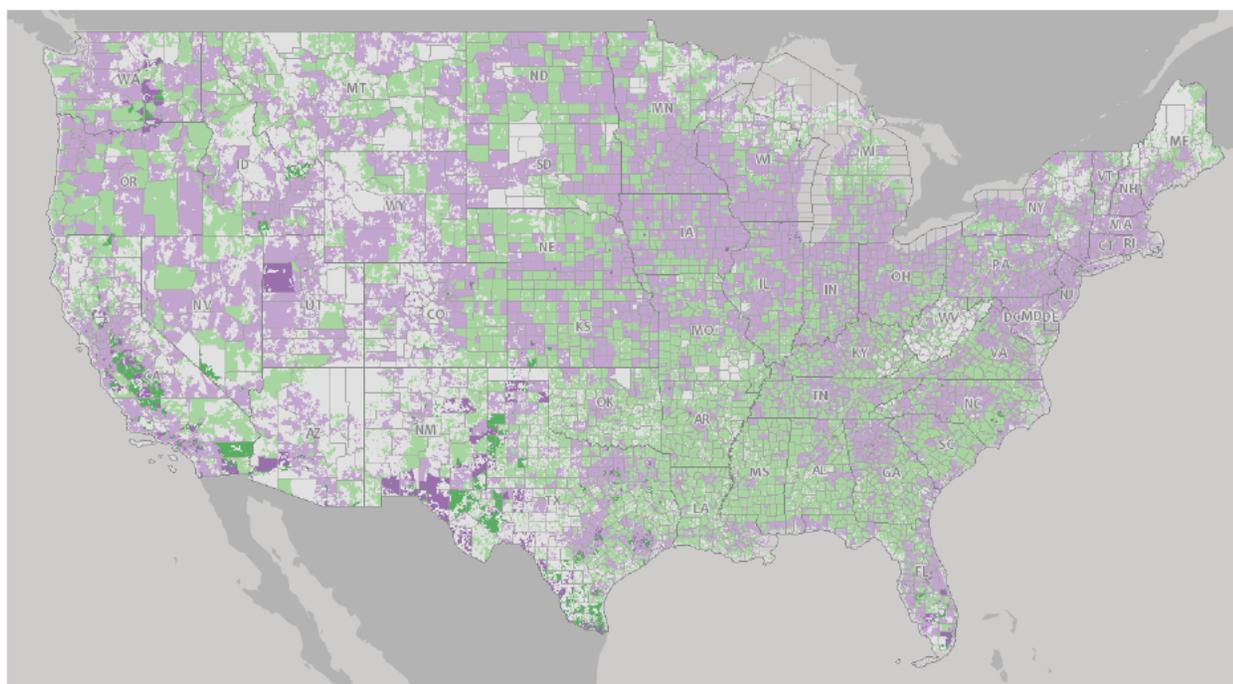
Self-Response Rates Definition

$$\text{Overall self-response rate} = \frac{(\text{Paper responses} + \text{Suff. CQA resp} + \text{Suff. Internet resp})}{\text{Self-Response Rate Universe}} * 100$$

Note that the rates in this report do not match the self-response rates available in the UTS self-response reports because this report (1) counts paper responses as soon as they are identified as in the mail stream or checked in; and (2) includes Update Leave enumeration areas (TEA 6) in the calculations.

The rates in this report are the same as those available in the public-facing map.

Self-Response Rates Contact Strategy Map



Mail Contact Strategy

<u>Panel / Language</u>	<u>% of TEA1 HUs</u>
Internet First / English	72.6
Internet First / Bilingual	5.7
Internet Choice / English	18.1
Internet Choice / Bilingual	3.7

<https://www.census.gov/newsroom/press-releases/2019/contact-strategies-viewer.html>

Questions?

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