Figure 1. Percent where reported sex is inconsistent with Social Security record

Legend:
- 2010 ACS
- 2010 Census

Married
- Same-sex: 57.7 (2010 ACS), 72.7 (2010 Census)
- Opposite-sex: 2.5 (2010 ACS), 0.6 (2010 Census)

Unmarried
- Same-sex: 7.4 (2010 ACS), 6.4 (2010 Census)
- Opposite-sex: 3.7 (2010 ACS), 0.8 (2010 Census)
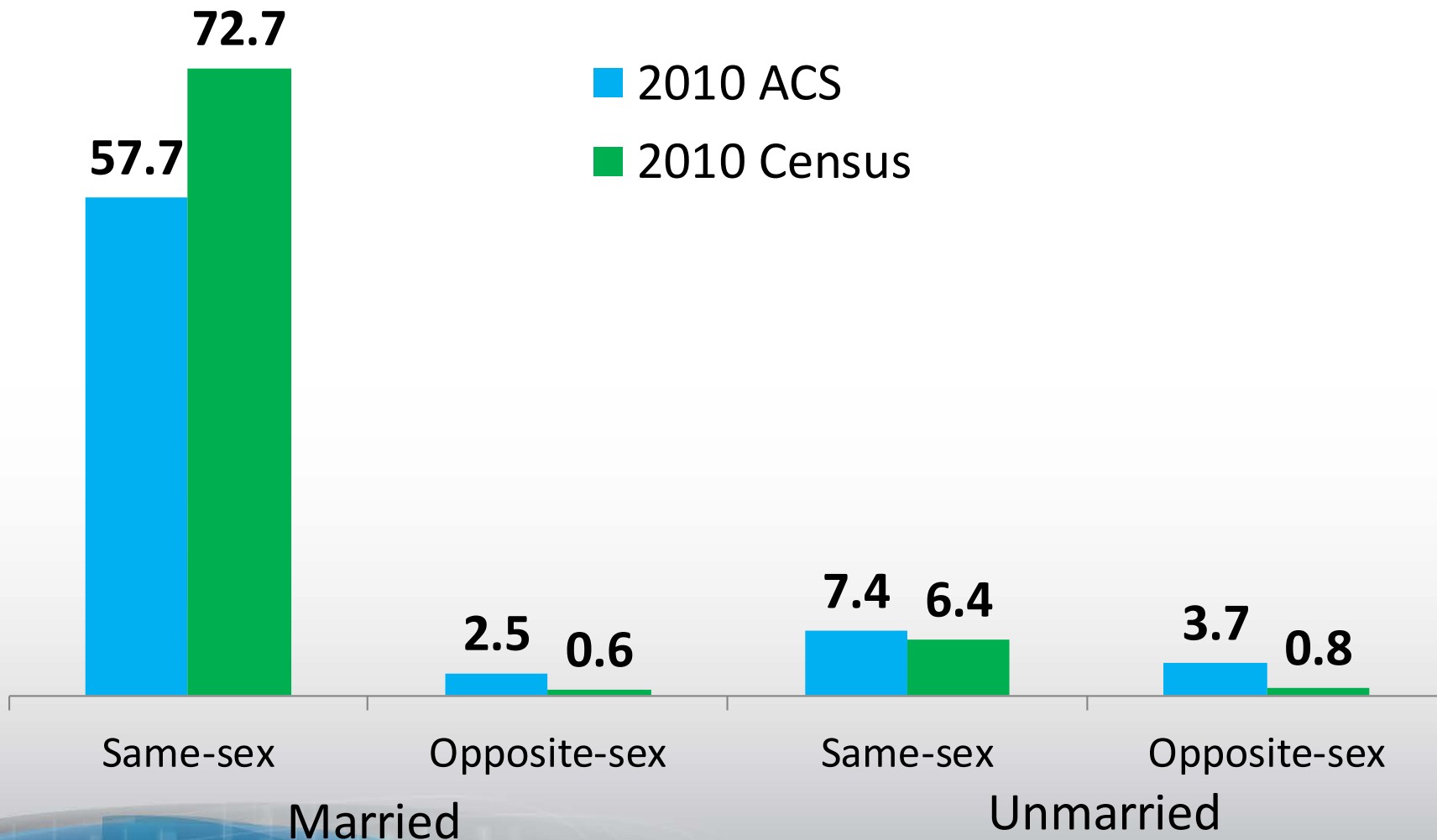
Figure 2. Relationship question: 2010 and revised versions

Version 1   2010 relationship response categories

Version 2   New relationship response categories

2. How is this person related to Person 1? *Mark* ☒ *ONE box.*

- ☐ **Husband or wife**
- ☐ Biological son or daughter
- ☐ Adopted son or daughter
- ☐ Stepson or stepdaughter
- ☐ Brother or sister
- ☐ Father or mother
- ☐ Grandchild
- ☐ Parent-in-law
- ☐ Son-in-law or daughter-in-law
- ☐ Other relative
- ☐ Roomer or boarder
- ☐ Housemate or roommate
- ☐ **Unmarried partner**
- ☐ Other nonrelative
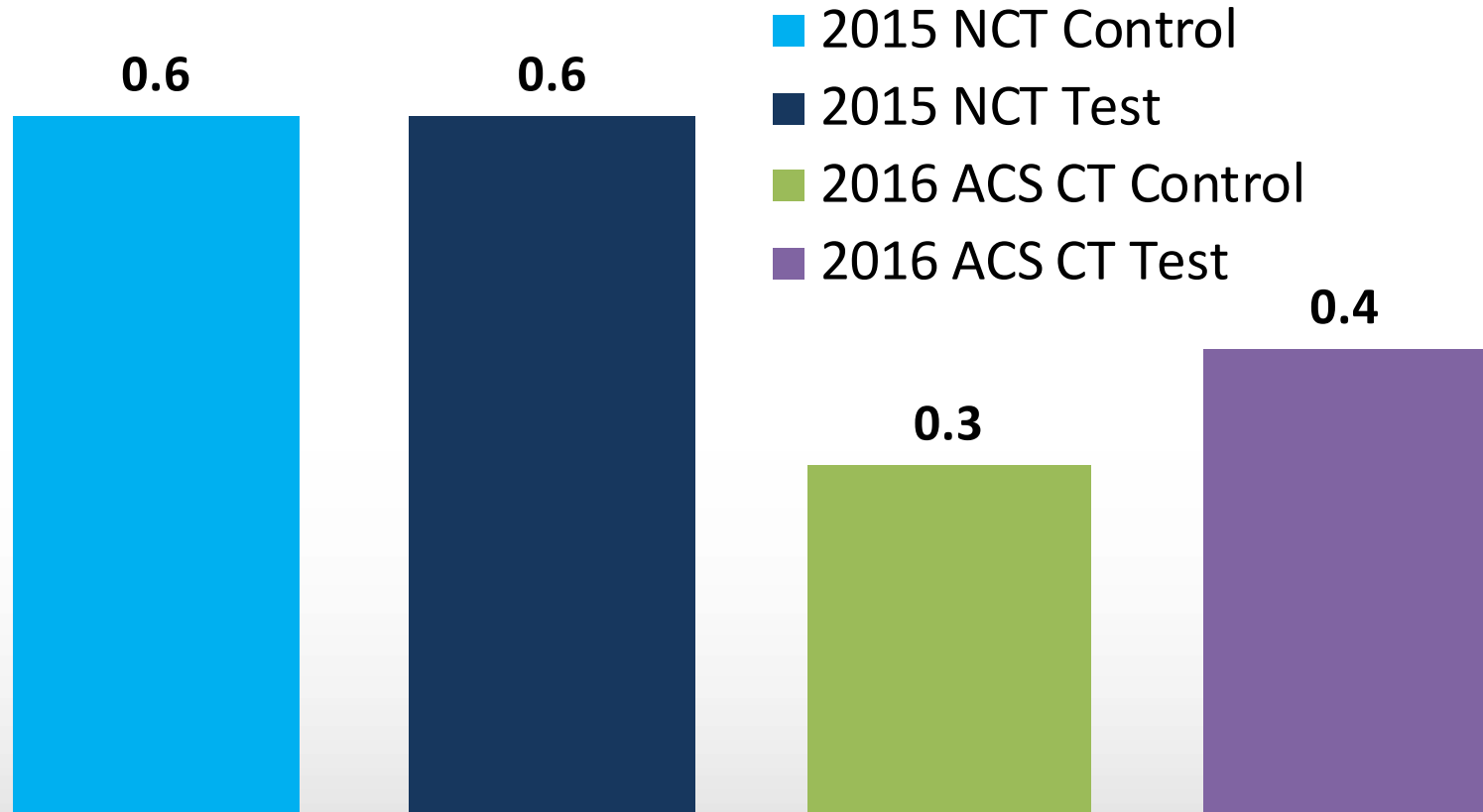
Version 1

Source: U.S. Census Bureau, 2010 Census questionnaire.

How is this person related to Person 1? *Mark (X) ONE box.*

Version 2

- ☐ Opposite-sex husband/wife/spouse
- ☐ Opposite-sex unmarried partner
- ☐ Same-sex husband/wife/spouse
- ☐ Same-sex unmarried partner
- ☐ Biological son or daughter
- ☐ Adopted son or daughter
- ☐ Stepson or stepdaughter
- ☐ Brother or sister
- ☐ Father or mother
- ☐ Grandchild
- ☐ Parent-in-law
- ☐ Son-in-law or daughter-in-law
- ☐ Other relative
- ☐ Roomer or boarder
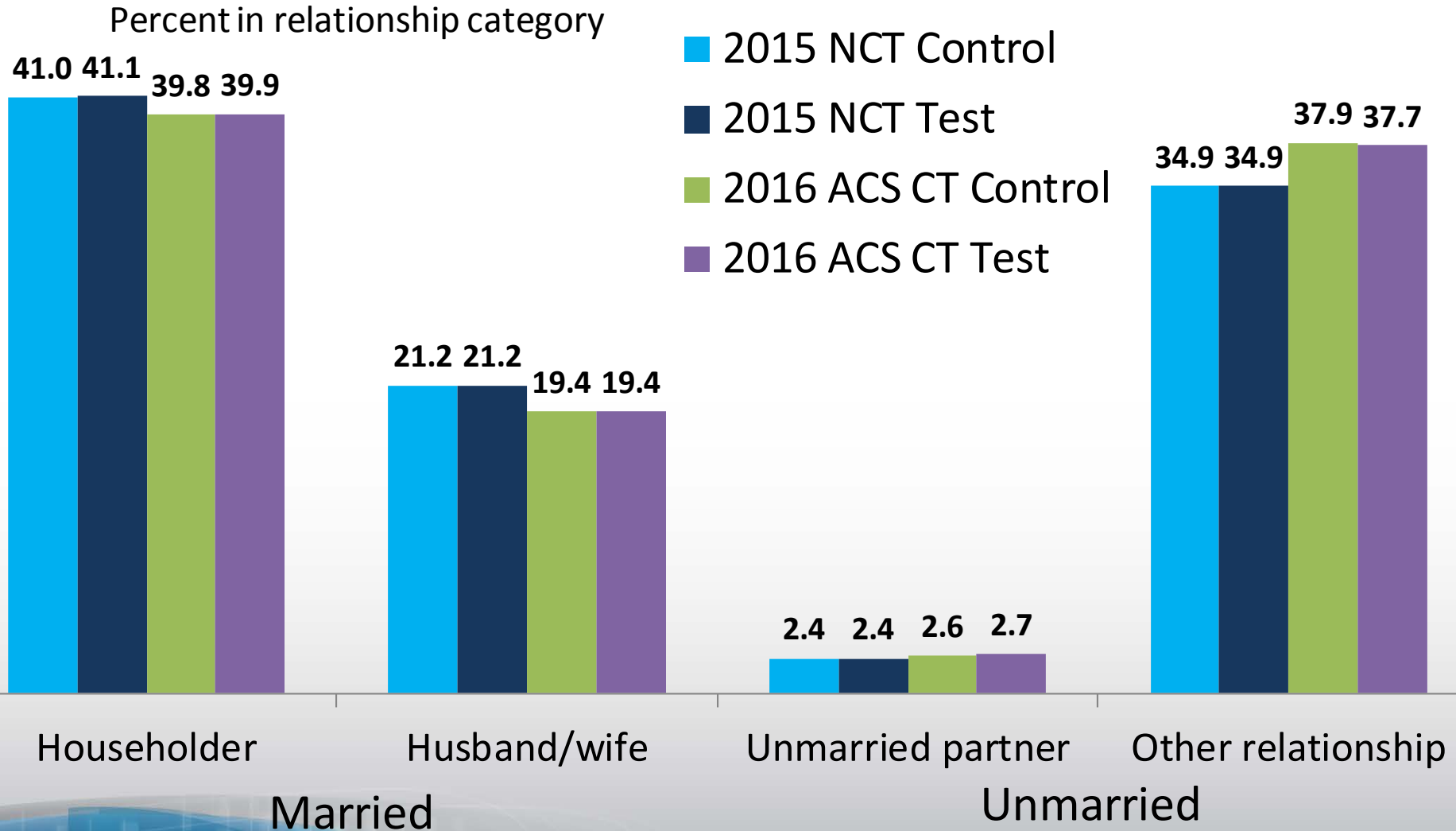- ☐ Housemate or roommate
- ☐ Foster child
- ☐ Other nonrelative

Figure 3. Item non-response does not differ between test and control

Percent who did not respond to relationship question

- 2015 NCT Control
- 2015 NCT Test
- 2016 ACS CT Control
- 2016 ACS CT Test

0.6 0.6 0.3 0.4

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Figure 4. Distributions of Relationship do not differ between test and control

Percent in relationship category

Legend:
- 2015 NCT Control
- 2015 NCT Test
- 2016 ACS CT Control
- 2016 ACS CT Test

Householder (Married)
- 41.0
- 41.1
- 39.8
- 39.9

Husband/wife (Married)
- 21.2
- 21.2
- 19.4
- 19.4

Unmarried partner (Unmarried)
- 2.4
- 2.4
- 2.6
- 2.7

Other relationship (Unmarried)
- 34.9
- 34.9
- 37.9
- 37.7

Source: 2015 National Content Test, 2016 ACS Content Test

Figure 5. Relationship Question: 2016 Census Test

Figure 6. Percent of Cases Reported as Nonrelatives, by Treatment Type: 2016 Census Test

■ Control

■ No roomer/boarder

■ No roomer/boarder or roommate/housemate

3.2 **3.2** **3.0**
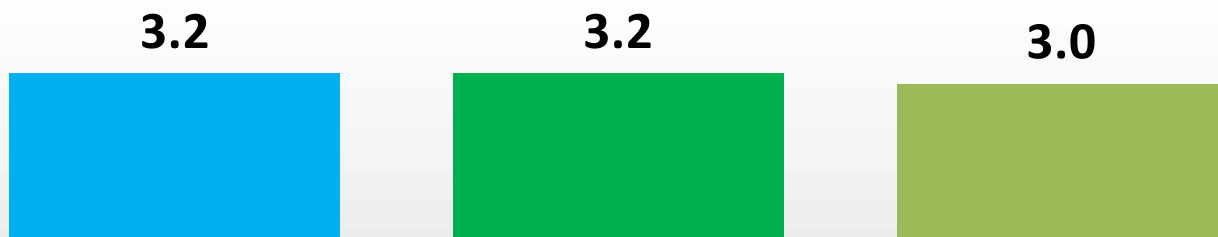
Percent reported nonrelatives

Source: 2016 Census Test

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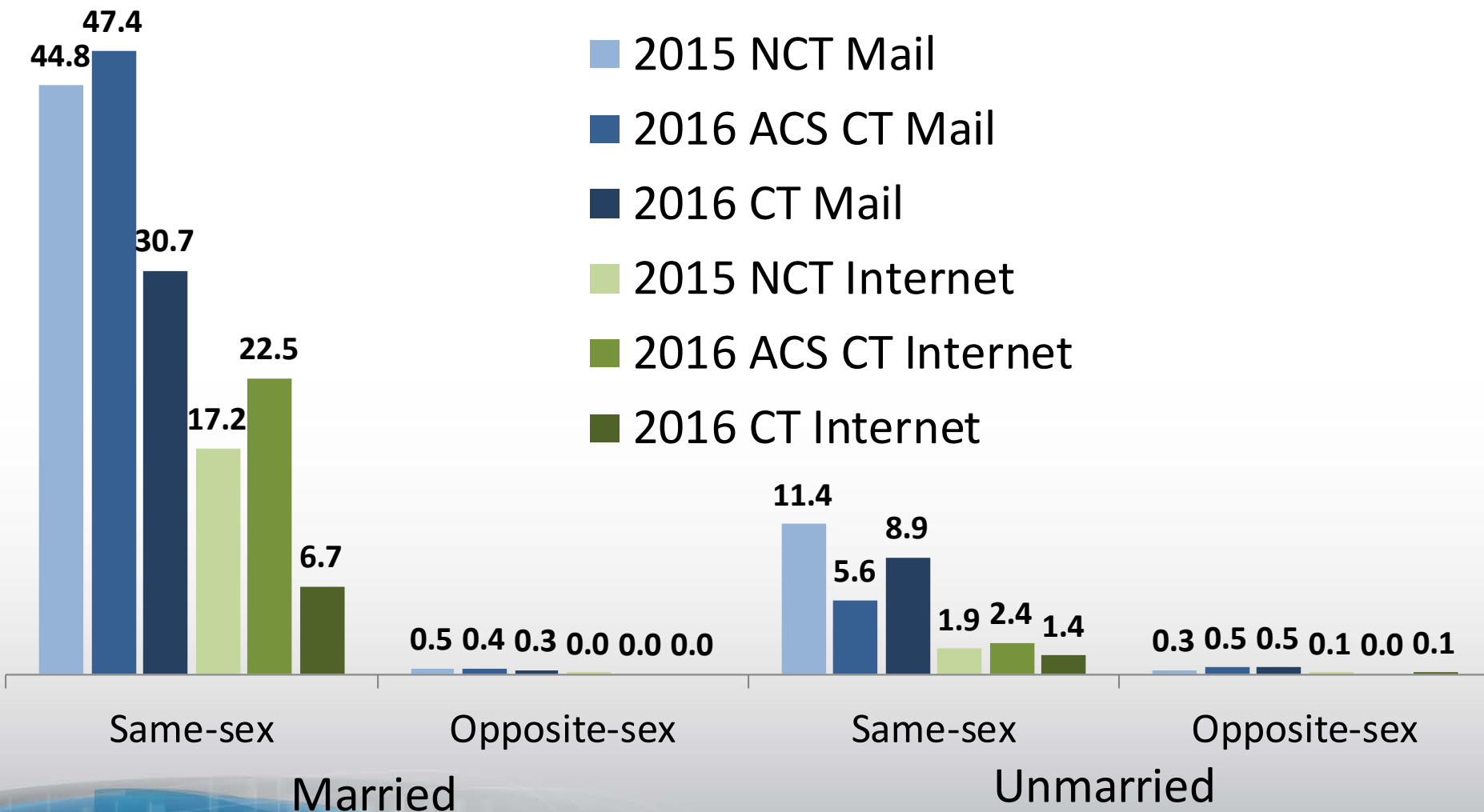census.gov

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Figure 7. Percent of Cases with Inconsistent Relationship and Sex Reports, by Mode
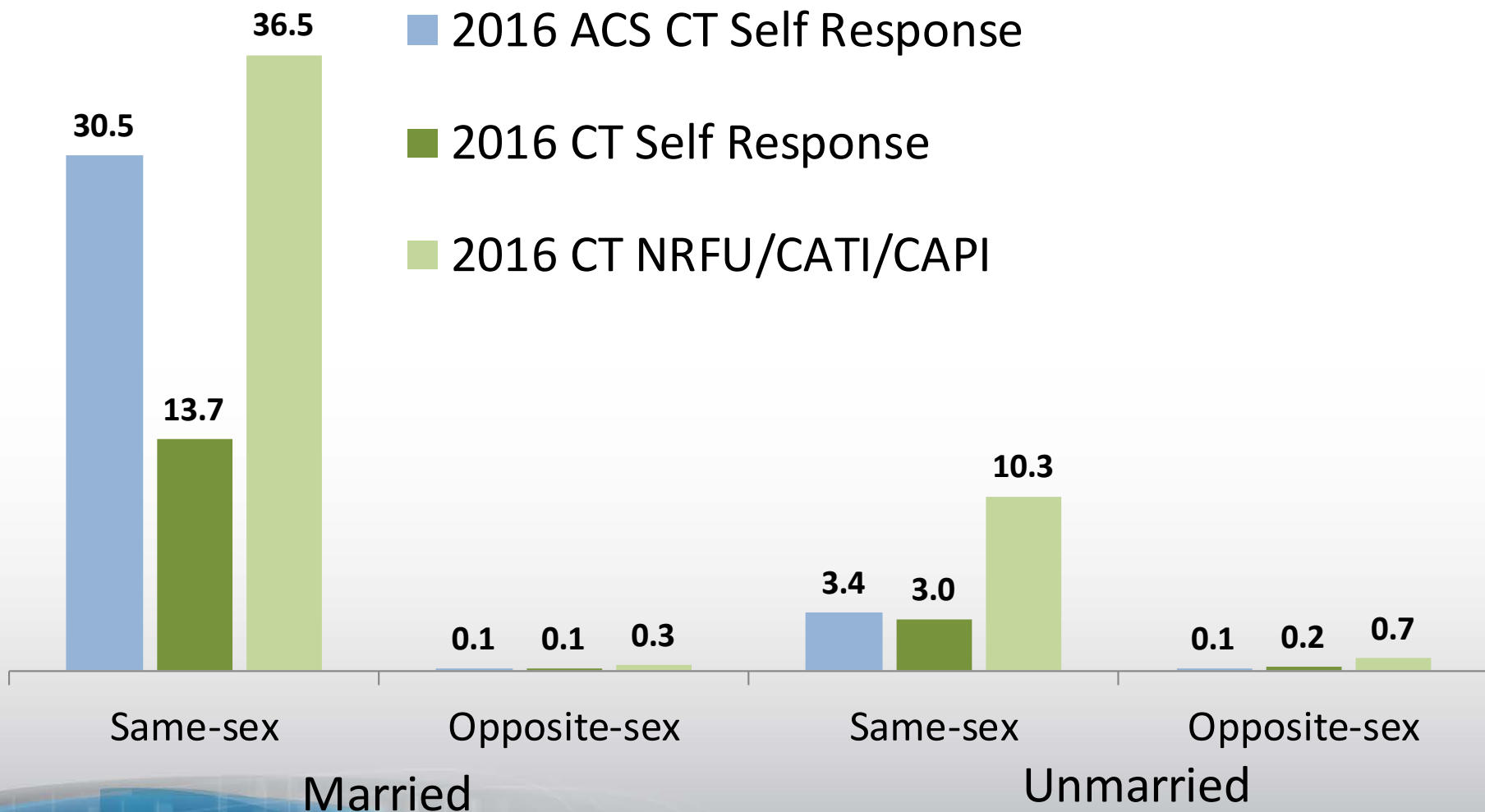
Source: 2016 ACS Content Test and 2016 Census Test

Figure 8. Percent of Cases with Inconsistent Relationship and Sex Reports, by Mode

Legend:
- 2015 NCT Mail
- 2016 ACS CT Mail
- 2016 CT Mail
- 2015 NCT Internet
- 2016 ACS CT Internet
- 2016 CT Internet

Married — Same-sex: 44.8, 47.4, 30.7, 17.2, 22.5, 6.7
Married — Opposite-sex: 0.5, 0.4, 0.3, 0.0, 0.0, 0.0
Unmarried — Same-sex: 11.4, 5.6, 8.9, 1.9, 2.4, 1.4
Unmarried — Opposite-sex: 0.3, 0.5, 0.5, 0.1, 0.0, 0.1

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Figure 9. Image of Relationship Confirmation Question

Figure 10. Image of Sex Confirmation Question

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2015 National Content Test

Instructions   FAQs   Save and Log Out

Householder is recorded as female. Is that correct?

○ Yes

○ No

[Previous]   [Next]

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Figure 11. 2016 ACS Content Test Automated Check Screenshots

Figure 12. 2016 ACS Content Test Automated Check Screenshots

Figure 13. 2016 ACS Content Test Automated Check Screenshots

Figure 14. 2016 ACS Content Test Automated Check Screenshots

Figure 15. Percent of Cases with Inconsistent Relationship and Sex Reports, by Mode

Legend:
- 2015 NCT Mail
- 2015 NCT Internet
- 2016 CT Mail
- 2016 CT Internet

Married

Same-sex: 44.8, 17.2, 30.7, 6.7
Opposite-sex: 0.5, 0.0, 0.3, 0.0

Unmarried

Same-sex: 11.4, 1.9, 8.9, 1.4
Opposite-sex: 0.3, 0.1, 0.5, 0.1

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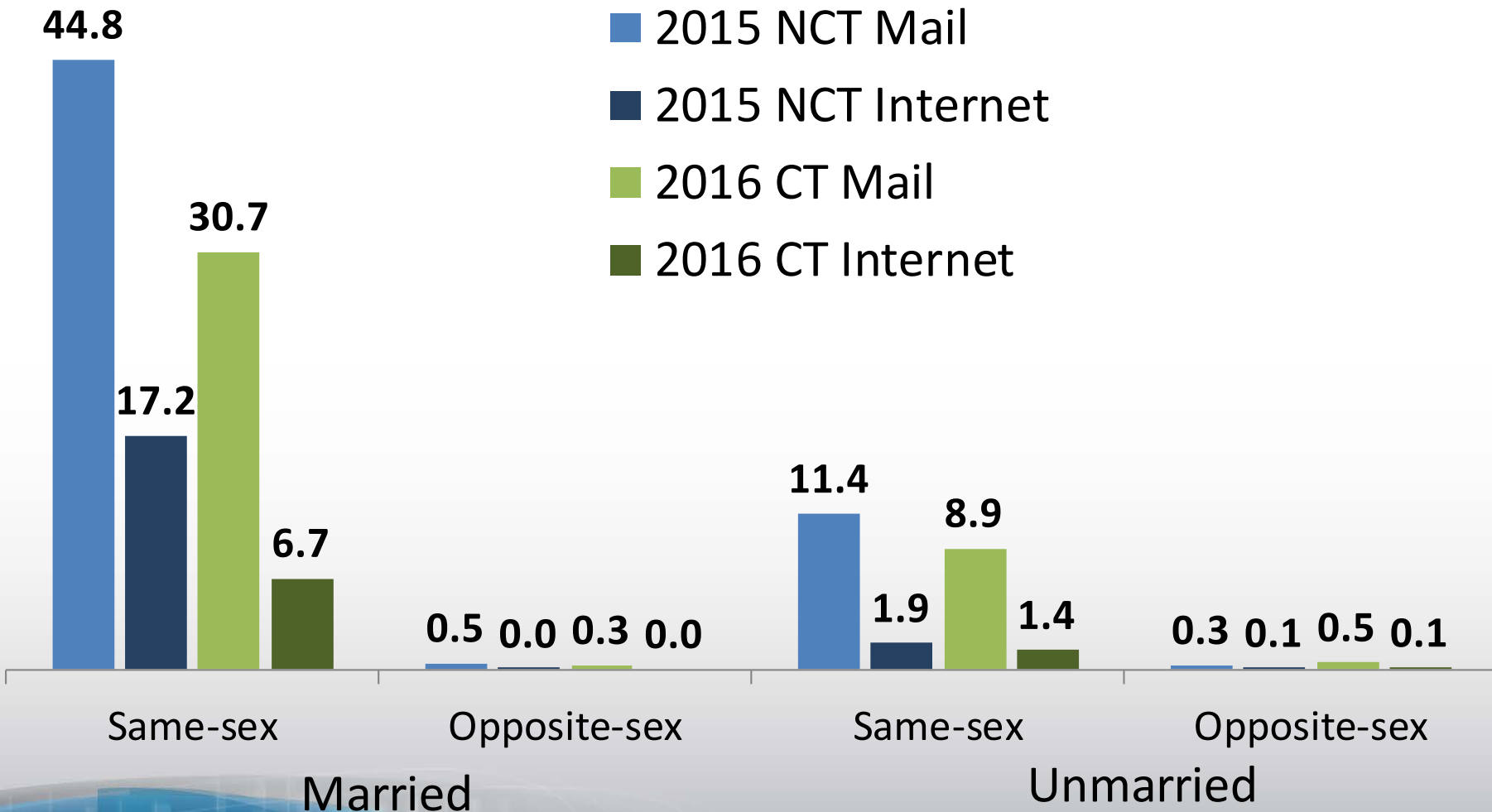
Figure 16. Image of Sex/Rel Automated Edit: 2016 CT

Figure 17. What Respondents Changed in the Automated Check: 2015 NCT

Source: 2015 National Content Test   Note that the percentages above do not add to 100. A small percentage of cases did not answer 'no' to any of the confirmation questions.