

Innovation Panel response outcomes

This document provides response outcome tables (response rates) for the Understanding Society Innovation Panel (University of Essex, Institute for Social and Economic Research, 2025).

This document accompanies the Innovation Panel User Guide (Institute for Social and Economic Research, 2025).

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Response outcomes at Wave 1

For household-level response at Wave 1, interviews were achieved at 1489 households. The household response rate was 59.0%, not counting ineligible addresses. Fieldwork achieved a total of 2393 individual interviews. Individual response rates within each wave are conditional on household response; the total individuals are those enumerated in cooperative households. Thus, the conditional individual response rate at Wave 1 is 88.9%.

Table 1 shows the household-level response at IP1 in the top panel and individual-level response in the second panel. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sample units is in the Total rows, in bold.

Table 1 Household and individual response outcomes, Wave 1

	Original sample (Initial IP1)
<i>Household RR</i>	
Complete HH	49.4% <i>1246</i>
Partial HH	9.6% <i>243</i>
Total Responding HH	59.0% <i>1489</i>
Nonresponding HH	41.0% <i>1034</i>
Total HH	2523
<i>Conditional Individual RR</i>	
Responding individuals	88.9% <i>2399</i>
Nonresponding individuals	11.1% <i>298</i>
Total Individuals	2697

Response outcomes at Wave 2

At IP2, only those responding households from IP1 were issued. Wave 2 household-level response rates are based only those issued, i.e. IP1 responding households. IP2 had a mixed-mode design experiment, with households allocated to one of three conditions (see Section 7.2). Response rates were different in each mode.

Table 2 shows the household-level response at IP2 for each of the three conditions and the overall total in the top panel and individual-level response for each in the second panel. For each cell, the percent is reported above the number of units the percent represents, in *italics*. The total number of eligible sampled units is in the Total rows, in **bold**.

Table 2 Household and individual response outcomes, Wave 2

	Face-to-face	CATI: Move one, move all	CATI: Try all	Total
<i>Household RR</i>				
Complete HH	63.0% <i>322</i>	60.2% <i>299</i>	62.9% <i>321</i>	62.1% <i>942</i>
Partial HH	13.7% <i>70</i>	11.5% <i>57</i>	10.4% <i>53</i>	11.9% <i>180</i>
Total Responding HH	76.7% <i>392</i>	71.6% <i>356</i>	73.3% <i>374</i>	73.9% <i>1122</i>
Nonresponding HH	23.3% <i>119</i>	28.4% <i>141</i>	26.7% <i>136</i>	16.1% <i>396</i>
Total HH	511	497	510	1518
<i>Conditional Individual RR</i>				
Responding individuals	86.7% <i>638</i>	81.4% <i>568</i>	83.1% <i>594</i>	83.8% <i>1800</i>
Nonresponding individuals	13.3% <i>98</i>	18.6% <i>130</i>	16.9% <i>121</i>	16.2% <i>349</i>
Total individuals	736	698	715	2149

In total, IP2 obtained response from 1122 households, for a 73.9% response rate. Within these households 1800 individuals were interviewed, an 83.8% response rate.

Given the mixed-mode design, not all individuals responded in the same mode. Table 3 shows the mode of completion for individuals by mixed-mode condition and overall total.

Table 3 Mode of response, Wave 2

	Face-to-face	CATI: Move one, move all	CATI: Try all	Total
<i>Responding mode</i>				
Face-to-face	100%	21.3%	19.9%	48.7%
	638	121	118	877
Telephone	-	78.7%	80.1%	51.3%
		447	476	923
Total individuals	638	568	594	1800

Response outcomes at Wave 3

The sample at IP3 comprised of 1131 households that had responded at IP2 as well as a number of households which had been either not contacted (141) or were “soft” refusals (253). All surveys were conducted via a CAPI face-to-face interview. There were 1027 households interviewed at IP3, a 73.9% response rate. In these enumerated households, there was an 82.2% individual response rates, representing 1621 interviews.

Table 4 Household and individual response outcomes, Wave 3

	Original
<i>Household RR</i>	
Complete HH	52.4%
	<i>808</i>
Partial HH	14.2%
	<i>219</i>
Total Responding HH	66.7%
	<i>1027</i>
Nonresponding HH	33.4%
	<i>514</i>
Total HH	1541
<i>Conditional Individual RR</i>	
Responding individuals	82.2%
	<i>1621</i>
Nonresponding individuals	17.8%
	<i>352</i>
Total Individuals	1973

Table 4 shows the household-level response at IP3 in the top panel and individual-level response conditional on household response in the second panel. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sample units is in the Total rows, in bold.

Response outcomes at Wave 4

There were two samples issued at Wave 4: the continuing original sample and the IP4 refreshment sample. The original sample issued consisted of 1067 households that had responded to IP3 and 284 households that had not responded at IP3. An additional 960 new addresses were issued for the IP4 refreshment sample.

Table 5 presents the household-level response at IP4 in the top panel for the continuing, original sample and for the IP4 refreshment sample. The second, lower panel provides individual-level response conditional on household response for the two samples. For each cell, the percent is reported above the number of units the percent represents, in *italics*. The total number of eligible sampled units is in the Total rows, in **bold**.

For the original sample, in their fourth year of the study, 916 issued households were interviewed, a 69.9% response rate. There were 1456 interviews within these households, an 82.2% response rate. For the IP4 refreshment sample, the household response rate for this initial wave was 54.5%, equating to 465 households. The conditional individual response rate was 81.0%, for 723 individuals interviewed.

Table 5 Household and individual response outcomes, Wave 4

	Original	IP4 refreshment (Initial wave)
<i>Household RR</i>		
Complete HH	53.4%	42.3%
	699	361
Partial HH	16.6%	12.2%
	217	104
Total Responding HH	69.9%	54.5%
	916	465
Nonresponding HH	31.1%	45.5%
	394	389
Total HH	1310	854
<i>Conditional Individual RR</i>		
Responding individuals	81.2%	81.0%
	1456	723
Nonresponding individuals	18.8%	19.0%
	337	170
Total Individuals	1793	893

Response outcomes at Wave 5

The issued sample at IP5 consisted of 1458 households that had responded to IP4 (969 from the original sample and 489 from the refreshment sample) and 160 households that had not responded at IP4 (all original sample households).

IP5 had a mixed-mode design experiment, with households randomly allocated to one of two conditions, either face-to-face only surveys or the mixed-mode design including both web and face-to-face interviews (see Section 7.3). Response rates differed across designs.

Table 6 shows the household-level response at IP5 for the two conditions and the overall total in the top panel and individual-level response for each in the second panel. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 6 Household and individual response outcomes, Wave 5

	Original		IP4 refreshment		Combined		Total
<i>Household RR</i>	F2F	MM	F2F	MM	F2F	MM	
Complete HH	58.2%	51.2%	60.1%	66.4%	58.8%	55.8%	56.8%
	<i>212</i>	<i>371</i>	<i>101</i>	<i>209</i>	<i>313</i>	<i>580</i>	<i>893</i>
Partial HH	19.8%	23.2%	25.0%	15.6%	21.4%	20.9%	21.1%
	<i>72</i>	<i>168</i>	<i>42</i>	<i>49</i>	<i>114</i>	<i>217</i>	<i>331</i>
Total Responding HH	78.0%	74.5%	85.1%	81.2%	80.3%	76.7%	77.9%
	<i>284</i>	<i>539</i>	<i>143</i>	<i>258</i>	<i>427</i>	<i>797</i>	<i>1224</i>
Nonresponding HH	22.0%	25.6%	14.9%	18.1%	19.7%	23.3%	22.1%
	<i>80</i>	<i>185</i>	<i>25</i>	<i>57</i>	<i>105</i>	<i>242</i>	<i>347</i>
Total HH	364	724	168	315	532	1039	1571
<i>Conditional Individual RR</i>	F2F	MM	F2F	MM	F2F	MM	
Responding individuals	82.7%	79.9%	82.9%	87.0%	82.8%	82.2%	82.4%
	<i>459</i>	<i>856</i>	<i>243</i>	<i>437</i>	<i>702</i>	<i>1293</i>	<i>1995</i>
Nonresponding individuals	17.3%	20.1%	17.1%	13.0%	17.2%	17.8%	17.6%
	<i>96</i>	<i>216</i>	<i>50</i>	<i>65</i>	<i>146</i>	<i>281</i>	<i>427</i>
Total Ind.	555	1072	293	502	848	1574	2422

Overall, 1224 households responded (823 original sample, 401 IP4 refreshment sample), for a 77.9% response rate. Within these households 1995 individuals (1315 original sample, 680 IP4 refreshment sample), were interviewed, an 82.4% response rate.

Given the mixed-mode design, not all individuals responded in the same mode. Table 7 shows the mode of completion for individuals by mixed-mode condition and the overall total.

Table 7 Mode of response, Wave 5

	Original		IP4 refreshment		Combined		Total
<i>Responding mode</i>	F2F	MM	F2F	MM	F2F	MM	
Face-to-face	100%	55.7%	100%	39.6%	100%	50.3%	67.8%
	459	477	243	173	702	650	1352
Web	-	44.3%	-	60.4%	-	49.7%	32.2%
		379		264		643	643
Total Ind.	459	856	243	437	702	1293	1995

Response outcomes at Wave 6

The issued sample at the sixth wave consisted of 1273 households that had responded to IP5 and 181 households that had not responded at IP5.

IP6 continued with the mixed-mode experiment implemented at IP5, and the same sample allocation was maintained. Households were assigned at IP6 to either face-to-face-first or to web-first (see Section 7.3).

Further, at IP6 the mop-up period was also introduced, where non-responding units were contacted and could respond via the web or by telephone, regardless of the allocated mode design.

IP6 achieved an 84.0% overall household response rate, for 1192 interviewed units. The conditional individual response rate within these household was 85.6%, representing 2023 people.

The upper panel of Table 8 shows the household-level response at IP6 for each condition and overall and the lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 8 Household and individual response outcomes, Wave 6

	Original		IP4 refreshment		Combined		Total
<i>Household RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Complete HH	63.8%	65.4%	62.2%	69.9%	63.2%	66.8%	65.5%
	211	413	102	204	313	617	930
Partial HH	21.2%	18.5%	21.3%	13.7%	21.2%	17.0%	18.5%
	70	117	35	40	105	157	262
Total Responding HH	84.9%	83.9%	83.5%	83.6%	84.4%	83.8%	84.0%
	281	530	137	244	418	774	1192
Nonresponding HH	15.1%	16.1%	16.5%	16.4%	15.6%	16.2%	16.0%
	50	102	27	48	77	150	227
Total HH	331	632	164	292	495	924	1419
<i>Conditional Individual RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Responding individuals	82.4%	86.2%	84.8%	88.4%	83.3%	86.9%	85.6%
	446	910	240	427	686	1337	2023
Nonresponding individuals	17.6%	13.8%	15.2%	11.6%	16.7%	13.1%	14.4%
	95	146	43	56	138	202	340
Total Ind.	541	1056	283	483	824	1539	2363

Given the mixed-mode design, not all individuals responded in the same mode.

Table 9 shows the mode of completion for individuals by mixed-mode condition and total overall at IP6 including the mop-up phase.

Table 9 Mode of response, Wave 6

	Original		IP4 refreshment		Combined		Total
<i>Responding mode</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Face-to-face	97.8%	42.8%	95.8%	29.3%	97.1%	38.4%	58.4%
	436	389	230	125	666	514	1180
Web	1.4%	56.8%	3.8%	68.4%	2.2%	60.5%	40.7%
	6	517	9	292	15	809	824
Telephone	0.9%	0.4%	0.4%	2.3%	0.7%	1.1%	0.9%
	4	4	1	10	5	14	19
Total Ind.	446	910	240	427	686	1337	1680

Response outcomes at Wave 7

For original and IP4 refreshment samples, the issued sample at the seventh wave consisted of 1180 households that had responded to IP6 and 194 households that had not responded at IP6. In addition to the continuing original and IP4 refreshment samples, a refreshment sample of 1560 households (1080 issued at the start of fieldwork and a further 480 midway through fieldwork) was also included at IP7.

For the original and IP4 refreshment samples, IP7 continued with the mixed-mode design experiment implemented at IP5 and IP6, and the same sample allocation (F2F-first or Web-first design) was maintained. Fieldwork for the IP7 refreshment sample used a CAPI-only design for this initial wave.

Table 10 displays the household-level response at IP7 for the original and IP4 refreshment samples by CAPI-only and mixed-mode conditions and the overall total response. The lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 10 Household and individual response outcomes for original and IP4 refreshment samples, Wave 7

	Original		IP4 refreshment		Combined		Total
<i>Household RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Complete HH	51.5%	61.8%	55.6%	59.2%	52.9%	61.0%	58.2%
	153	359	85	157	238	516	754
Partial HH	23.2%	19.1%	19.6%	20.0%	22.0%	19.4%	20.3%
	69	111	30	53	99	164	263
Total Responding HH	74.8%	80.9%	75.2%	79.3%	74.9%	80.4%	78.5%
	222	470	115	210	337	680	1017
Nonresponding HH	25.3%	19.1%	24.8%	20.8%	25.1%	19.6%	21.5%
	75	111	38	55	113	166	279
Total HH	297	581	153	265	450	846	1296
<i>Conditional Individual RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Responding individuals	81.3%	82.5%	81.6%	82.1%	81.5%	82.4%	82.0%
	364	773	190	353	554	1126	1680
Nonresponding individuals	18.7%	17.5%	18.4%	17.9%	18.5%	17.6%	18.0%
	84	164	43	77	127	241	368
Total Ind.	448	937	233	430	681	1367	2048

There were 1017 interviewed households from the continuing samples, for a 78.5% overall household response rate. Within these households, 1680 people were interviewed, for a conditional individual response rate of 82.0%.

Table 11 shows the household-level and individual-level response at IP7 for the IP7 refreshment sample. For the IP7 refreshment sample, 488 households were surveyed, a 33.6% response rate. Of all of the enumerated individuals in these households, 657 were interviewed, equalling a 72.2% response rate.

Table 11 Household and individual response outcomes for IP7 refreshment sample, Wave 7

IP7 refreshment sample (Initial wave – CAPI only)	
<i>Household RR</i>	
Complete HH	21.0% 305
Partial HH	12.6% 183
Total Responding HH	33.6% 488
Nonresponding HH	66.4% 966
Total HH	1454
<i>Conditional Individual RR</i>	
Responding individuals	72.2% 657
Nonresponding individuals	27.8% 253
Total Individuals	910

Table 12 Mode of response, Wave 7

	Original		IP4 refreshment		Combined		Total
<i>Responding mode</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Face-to-face	94.2%	38.6%	97.4%	27.8%	95.3%	35.2%	55.0%
	343	298	185	98	528	396	924
Web	5.5%	61.4%	2.6%	71.4%	4.5%	64.6%	44.8%
	20	475	5	252	25	727	752
Telephone	0.3%	0.0%	0.0%	0.9%	0.2%	0.3%	0.2%
	1	0	0	3	1	3	4
Total Ind.	364	773	190	353	554	1126	1680

Given the mixed-mode design used for portions of the original and IP4 refreshment samples at IP7, not all individuals responded in the same mode. Further, at IP7 the mop-up period was again used, where non-responding units in the original and IP4 refreshment samples were contacted and could respond via the web or by telephone, regardless of the allocated mode design. Table 12 shows the mode of completion for individuals in these two samples by mixed-mode condition and total overall at IP7 including the mop-up phase.

Response outcomes at Wave 8

The issued sample at the eighth wave consisted of 1582 households that had responded to IP7 and 156 households that had not responded at IP7. For the original and IP4 refreshment samples, IP7 continued with the mixed-mode design experiment implemented since IP5, and the same sample allocation (F2F-first or web-first design) was maintained, with the noted households estimated to have low propensity to respond by web being assigned to the F2F-first design. Fieldwork for the IP7 refreshment sample used a CAPI-first design for IP8.

Table 13 displays the household-level response at IP8 for the original and IP4 refreshment samples by F2F-first and web-first conditions and the overall total response. The lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 13 Household and individual response outcomes for original and IP4 refreshment samples, IP8

	Original		IP4 refreshment		Combined		Total
<i>Household RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Complete HH	60.8% <i>186</i>	67.9% <i>336</i>	58.7% <i>91</i>	66.7% <i>150</i>	60.2% <i>278</i>	67.5% <i>486</i>	64.6% <i>763</i>
Partial HH	16.7% <i>51</i>	18.6% <i>92</i>	16.1% <i>25</i>	20.0% <i>45</i>	16.5% <i>76</i>	19.0% <i>137</i>	18.0% <i>213</i>
Total Responding HH	77.5% <i>237</i>	86.5% <i>428</i>	74.8% <i>116</i>	86.7% <i>195</i>	76.6% <i>354</i>	86.5% <i>623</i>	82.7% <i>976</i>
Nonresponding HH	22.5% <i>69</i>	13.5% <i>67</i>	25.2% <i>39</i>	13.3% <i>30</i>	23.4% <i>108</i>	13.5% <i>97</i>	17.3% <i>205</i>
Total HH	307	495	155	225	462	720	1181
<i>Conditional Individual RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Responding individuals	84.8% <i>378</i>	85.8% <i>751</i>	86.0% <i>222</i>	84.7% <i>342</i>	85.2% <i>569</i>	85.5% <i>1093</i>	85.4% <i>1662</i>
Nonresponding individuals	15.3% <i>68</i>	14.2% <i>124</i>	14.0% <i>31</i>	15.4% <i>62</i>	14.8% <i>99</i>	14.5% <i>186</i>	14.6% <i>285</i>
Total Ind.	446	875	253	404	668	1279	1947

There were 976 interviewed households from the continuing samples, for an 82.7% overall household response rate. Within these households, 1662 people were interviewed, for a conditional individual response rate of 85.4%.

Table 14 shows the household-level and individual-level response at IP8 for the IP7 refreshment sample. For the IP7 refreshment sample, 374 households were surveyed, a 76.1% response rate. Of all of the enumerated individuals in these households, 605 were interviewed, equalling an 83.8% response rate.

The response rates for IP7 refreshment sample are similar to other samples at IP8 assigned to the face-to-face-first condition. The household response rates, based on households that had responded at some prior wave, are consistently higher for those assigned to the web-first conditions relative to any of the F2F samples. However, this is not the case for the individual conditional response rates. Once a household has accepted the survey request for either mode condition, the individuals within these households respond at similar rates.

Table 14 Household and individual response outcomes for IP7 refreshment sample, Wave 8

	IP7 refreshment sample (F2F-first)
<i>Household RR</i>	
Complete HH	58.7%
	288
Partial HH	17.5%
	86
Total Responding HH	76.1%
	374
Nonresponding HH	23.8%
	117
Total HH	491
<i>Conditional Individual RR</i>	
Responding individuals	83.8%
	605
Nonresponding individuals	16.2%
	117
Total Individuals	722

Given the mixed-mode design used for portions of the original and IP4 refreshment samples at IP8, not all individuals responded in the same mode. Further, at IP8 the mop-up period was again used, where non-responding units in all the samples were contacted and could respond via the web or by telephone, regardless of the allocated mode design. Table 15 shows the mode of completion for individuals in these three samples by mixed-mode condition (for IP1 and IP4 samples) and total overall at IP8 including the mop-up phase. Given the similarities in response rates the IP7 refreshment sample were included with the original and IP4 refreshment samples in the combined figures.

Table 15 Mode of response, IP8

	Original		IP4 refreshment		IP7 refreshment	Combined		Total
<i>Responding mode</i>	F2F first	Web first	F2F first	Web first	F2F first	F2F first	Web first	
Face-to-face	95.5%	31.2%	93.2%	25.2%	95.9%	95.3%	29.3%	63.5%
	361	234	178	86	580	1119	320	1439
Web	3.7%	67.2%	4.2%	74.0%	3.1%	3.5%	69.4%	35.2%
	14	505	8	253	19	41	758	799
Telephone	0.8%	1.6%	2.6%	0.9%	1.0%	1.2%	1.4%	1.3%
	3	12	5	3	6	14	15	29
Total Ind.	378	751	191	342	605	1174	1093	2267

IP8 was the first wave where it was possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in IP7 and IP8 as w_deviceused w_deviceos w_devicemodel w_browserused w_browserversion w_screenresolution in the file w_indresp_ip. The distribution of devices used across all samples in IP8 is presented in Table 16.

Table 16 Device used, web respondents, Wave 8

	IP8 web respondents
PC/Laptop	70.4%
	562
Large tablet	19.5%
	156
Small/medium tablet	3.5%
	28
Smartphone	4.1%
	33
Other	2.5%
	20
Total web respondents	799

Response outcomes at Wave 9

This section sets out the response rates for IP9 as a whole. The issued sample at IP9 consisted of 1,399 households that had responded to IP8 and 152 households that had not responded at IP8. Table 17 displays the household-level response at IP9 for the original and IP4 refreshment samples by face-to-face first and web first design, and the overall total response. The lower panel displays individual response rates. For each cell, the percentage is reported above the number of units the percentage represents, in *italics*. The total number of eligible sampled units is in the Total rows, in **bold**.

Table 17 Household and individual response outcomes for original and IP4 and IP7 refreshment samples, IP9

	Original		IP4 refreshment		IP7 refreshment		Combined		Total
<i>Household RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Complete HH	61.7%	67.5%	65.4%	72.6%	56.4%	63.5%	61.2%	67.4%	65.1%
	163	314	87	148	84	186	334	648	982
Partial HH	22.0%	18.1%	18.8%	18.1%	21.5%	20.1%	21.1%	18.7%	19.6%
	58	84	25	37	32	59	115	180	295
Total responding HH	83.7%	85.6%	84.2%	90.7%	77.9%	83.6%	82.2%	86.1%	84.7%
	221	398	112	185	116	245	449	828	1,277
Nonresponding HH	16.3%	14.4%	15.8%	9.3%	22.2%	16.4%	17.8%	13.9%	15.3%
	43	67	21	19	33	48	97	134	231
Total HH	264	465	133	204	149	293	546	962	1,508
<i>Conditional individual RR</i>	F2F first	Web first	F2F first	Web first	F2F first	Web first	F2F first	Web first	
Responding individuals	82.8%	87.0%	82.1%	87.8%	82.7%	85.9%	82.6%	86.9%	85.4%
	346	724	179	325	181	419	706	1,468	2,174
Nonresponding individuals	17.2%	13.0%	17.9%	12.2%	17.4%	14.1%	17.4%	13.1%	14.6%
	72	108	39	45	38	69	149	222	371
Total Ind.	418	832	218	370	219	488	855	1,690	2,545

There were 1,277 interviewed households from the continuing samples, for an 84.7% overall household response rate. Within these households, 2,174 people were interviewed, for a conditional individual response rate of 76.8%.

Given the mixed-mode design used at IP9, not all individuals responded in the same mode. Further, at IP9 the mop-up period was again used, where non-responding units in all samples were contacted and could respond via the web or by telephone, regardless of the allocated mode design. Table 18 shows the mode of completion for individuals in these three samples by mixed-mode condition and total overall at IP9 including the mop-up phase.

Table 18 Mode of response, IP9

<i>Responding mode</i>	Original		IP4 refreshment		IP7 refreshment		Combined		Total
	F2F first	web first	F2F first	web first	F2F first	web first	F2F first	web first	
Face-to-face	90.5%	22.4%	93.9%	19.1%	93.4%	34.8%	92.1%	25.2%	46.9%
	313	162	168	62	169	146	650	370	1,020
Web	8.4%	75.8%	3.9%	80.0%	5.0%	64.2%	6.4%	73.4%	51.7%
	29	549	7	260	9	269	45	1,078	1,123
Telephone	1.2%	1.8%	2.2%	0.9%	1.7%	1.0%	1.6%	1.4%	1.4%
	4	13	4	3	3	4	11	20	31
Total Ind.	346	724	179	325	181	419	706	1,468	2,174

As at IP8, in IP9 it was also possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in IP7 – IP9 as w_deviceused w_deviceos w_devicemodel w_browserused w_browserversion w_screenresolution in the file w_indresp_ip. The distribution of devices used across all samples in IP9 is presented in Table 19.

Table 19 Device used, web respondents, Wave 9

IP9 web respondents	
PC/Laptop	65.5%
	735
Large tablet	20.9%
	235
Small/medium tablet	6.0%
	67
Smartphone	7.4%
	83
Other	0.3%
	3
Total web respondents	1123

Response outcomes at Wave 10

The issued sample at the tenth wave consisted of 1328 households that had responded to IP10, 1438 IP10 refreshment sample households, and 209 households that had not responded at IP10, but had at some prior wave(s). Fieldwork for continuing sample members was split by CAPI-only and mixed-mode allocations, while IP10 refreshment sample households were all conducted CAPI-only. Table 20 displays the household-level response at IP10 for the original, IP4 and IP7 refreshment samples by CAPI-only and mixed-mode conditions and the overall total response. The lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in *italics*. The total number of eligible sampled units is in the Total rows, in **bold**.

Table 20 Household and individual response outcomes for original, IP4 and IP7 refreshment sample by mode design, IP10

	Original sample		IP4 refreshment		IP7 refreshment		Combined		Total
<i>Household RR</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Complete HH	60.5%	63.3%	53.4%	64.3%	55.6%	54.8%	57.5%	61.0%	59.7%
	158	290	70	126	75	154	303	570	873
Partial HH	18.8%	18.8%	21.4%	21.4%	18.5%	20.3%	19.4%	19.8%	19.6%
	54	86	28	42	25	57	102	185	287
Total Responding HH	79.3%	82.1%	74.8%	85.7%	74.1%	75.1%	76.9%	80.8%	79.3%
	207	376	98	168	100	211	405	755	1160
Nonresponding HH	20.7%	17.9%	25.2%	14.3%	25.9%	24.9%	23.2%	19.3%	20.7%
	54	82	33	28	35	70	122	180	302
Total HH	261	458	131	196	135	281	527	935	1462
<i>Conditional Individual RR</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Responding individuals	83.7%	85.5%	82.1%	85.8%	82.4%	82.8%	83.0%	84.8%	84.2%
	323	679	161	297	164	435	648	1336	1984
Nonresponding individuals	16.3%	14.5%	17.9%	14.2%	17.6%	17.2%	17.0%	15.2%	15.8%
	63	115	35	49	35	75	133	239	372
Total Ind.	386	794	196	346	199	435	781	1575	2356

There were 1160 interviewed households from the continuing samples, for a 79.3% overall household response rate. Within these households, 1984 people were interviewed, for a conditional individual response rate of 84.2%.

Table 21 shows the household-level and individual-level response for the IP10 refreshment sample. For this sample, 339 households were surveyed, a 25.1% response rate. Of all of the enumerated individuals in these households, 497 were interviewed, equalling a 77.7% response rate.

Table 21 Household and individual response outcomes for IP10 refreshment sample, IP10

IP10 refreshment sample (Initial wave – CAPI only)	
<i>Household RR</i>	
Complete HH	17.1%
	231
Partial HH	8.0%
	108
Total Responding HH	25.1%
	339
Nonresponding HH	74.9%
	1009
Total HH	1348
<i>Conditional Individual RR</i>	
Responding individuals	77.7%
	497
Nonresponding individuals	22.3%
	143
Total Individuals	640

Given the mixed-mode design used for portions of the original and IP4 and IP7 refreshment samples at IP10, not all individuals responded in the same mode. Further, at IP10 the mop-up period was again used, where non-responding units all the samples were contacted and could respond via the web regardless of the allocated mode design. Nobody responded via the telephone at IP10. Only two respondents in the IP10 refreshment sample completed via the web, with the remaining 495 individuals responding in the IP10 refreshment sample doing so via face-to-face interviewing, consistent with their initially assigned mode. Table 22 shows the mode of completion for individuals in these three samples by mixed-mode condition (for IP1, IP4, and IP7 samples) and total overall at IP10 including the mop-up phase.

Table 22 Mode of response, IP10

	Original sample		IP4 refreshment sample		IP7 refreshment sample		Combined		Total
<i>Responding mode</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Face-to-face	92.3%	24.5%	88.8%	22.2%	95.7%	33.1%	93.3%	26.3%	47.8%
	298	166	143	66	157	119	598	351	949
Web	7.7%	75.5%	11.2%	77.8%	4.3%	66.9%	7.7%	73.3%	52.2%
	25	513	18	231	7	241	50	985	1035
Total Ind.	323	679	161	297	164	360	648	1336	2267

Starting in IP8, it was possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in the IP from the seventh wave as w_deviceused w_deviceos w_devicemodel w_browserused w_browserversion w_screenresolution in the file w_indresp_ip. The distribution of devices among web respondents used across all samples in IP10 is presented in Table 23.

Table 23 Device used, web respondents, IP10

	IP10 web respondents
PC/Laptop	60.1%
	623
Large tablet	18.6%
	182
Small/medium tablet	10.5%
	109
Smartphone	11.9%
	123
Total web respondents	1037

Response outcomes at Wave 11

The issued sample at the eleventh wave consisted of 1579 households that had responded to IP10, 2532 IP11 refreshment sample households, and 279 households that had not responded at IP10, but had at some prior wave(s). Fieldwork for all sample members was split by CAPI-only and mixed-mode allocations. Table 24 displays the household-level response at IP11 for the continuing samples by CAPI-only and mixed-mode conditions and the overall total response. The lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 24 Household and individual response outcomes for continuing samples by mode design, IP11

	Original		IP4 refreshment		IP7 refreshment		IP10 refreshment		Total
<i>Household RR</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Complete HH	58.9%	58.3%	50.0%	57.7%	47.8%	52.7%	35.7%	44.6%	52.9%
	<i>145</i>	<i>268</i>	<i>66</i>	<i>120</i>	<i>64</i>	<i>147</i>	<i>41</i>	<i>103</i>	<i>954</i>
Partial HH	21.5%	19.4%	17.4%	18.3%	23.1%	19.7%	26.1%	21.2%	20.4%
	<i>53</i>	<i>89</i>	<i>23</i>	<i>38</i>	<i>31</i>	<i>55</i>	<i>30</i>	<i>49</i>	<i>368</i>
Total Responding HH	80.5%	77.6%	67.4%	76.0%	70.9%	27.6%	61.7%	65.8%	73.2%
	<i>198</i>	<i>357</i>	<i>89</i>	<i>158</i>	<i>95</i>	<i>77</i>	<i>71</i>	<i>152</i>	<i>1322</i>
Nonresponding HH	19.5%	22.4%	32.3%	24.0%	29.1%	27.6%	38.3%	34.2%	26.8%
	<i>48</i>	<i>103</i>	<i>43</i>	<i>50</i>	<i>39</i>	<i>77</i>	<i>44</i>	<i>79</i>	<i>483</i>
Total HH	246	460	132	208	134	279	115	231	1805
<i>Conditional Individual RR</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Responding individuals	80.8%	83.2%	81.0%	84.2%	78.5%	80.8%	64.5%	77.4%	80.5%
	<i>395</i>	<i>628</i>	<i>141</i>	<i>271</i>	<i>150</i>	<i>329</i>	<i>91</i>	<i>229</i>	<i>2134</i>
Nonresponding individuals	19.2%	16.8%	19.0%	15.8%	21.5%	19.2%	35.5%	22.6%	19.5%
	<i>70</i>	<i>138</i>	<i>33</i>	<i>51</i>	<i>41</i>	<i>78</i>	<i>50</i>	<i>67</i>	<i>517</i>
Total Ind.	365	755	174	322	191	407	141	295	2651

There were 1322 interviewed households from the continuing samples, for a 73.2% overall household response rate. Within these households, 2134 people were interviewed, for a conditional individual response rate of 80.5%.

Table 25 shows the household-level and individual-level response at IP11 for the IP11 refreshment sample. The eleventh wave was the initial wave for this sample, and the percentage allocated to each mode differed from other samples. For the IP11 refreshment sample, 575 households were surveyed, a 24.4% response rate. Of all of the enumerated individuals in these households, 762 were interviewed, equalling a 73.6% conditional individual response rate.

Given the mixed-mode design used, not all individuals responded in the same mode. Further, at IP11 the mop-up period was again used, where non-responding units in all the samples were contacted and could respond via the web or telephone regardless of the allocated mode design. Only one person responded via the telephone at IP11. Table 26 shows the mode of completion for individuals by mode condition and total overall at IP11 including the mop-up phase. The continuing samples (original, IP4 refreshment, IP7 refreshment, and IP10 refreshment) are combined, with the IP11 refreshment sample presented separately given the initial invitation and difference in design for this group this wave.

Table 25 Household and individual response outcomes for IP11 refreshment sample, IP11

<i>Household RR</i>	F2F	MM	Total
Complete HH	16.9%	12.2%	15.3%
	266	96	362
Partial HH	8.4%	10.2%	9.0%
	133	80	213
Total responding HH	25.3%	22.4%	24.4%
	399	176	575
Nonresponding HH	74.7%	77.6%	75.6%
	1176	609	1785
Total HH	1575	785	2365
<i>Conditional Individual RR</i>			
Responding individuals	76.5%	66.8%	73.6%
	555	207	762
Nonresponding individuals	23.6%	33.2%	26.6%
	171	103	274
Total Individuals	726	310	1036

Table 26 Mode of response, IP11

	Continuing samples		IP11 refreshment		Total
<i>Responding mode</i>	F2F	MM	F2F	MM	
Face-to-face	91.6%	20.2%	98.2%	66.2%	55.1%
	<i>620</i>	<i>294</i>	<i>545</i>	<i>137</i>	<i>1596</i>
Telephone	--	0.1%	--	--	0.03%
	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>
Web	8.4%	79.8%	1.8%	33.8%	44.9%
	<i>57</i>	<i>1162</i>	<i>10</i>	<i>70</i>	<i>1299</i>
Total Ind.	677	1457	555	1336	2896

Starting in IP8, it was possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in the IP from the seventh wave as `w_deviceused` `w_deviceos` `w_devicemodel` `w_browserused` `w_browserversion` `w_screenresolution` in the file `w_indresp_ip`. The distribution of devices among web respondents used across all samples in IP11 is presented in Table 27.

Table 27 Device used, web respondents, IP11

	IP11 web respondents
PC/Laptop	56.7% 736
Large tablet	17.9% 233
Small/medium tablet	11.7% 152
Smartphone	13.7% 178
Total web respondents	1299

Response outcomes at Wave 12

The issued sample consisted of 1,957 households that had responded to IP11, and 444 households that had not responded at IP11, but had at some prior wave(s). Fieldwork for all sample members was split across nurse-first, interviewer-first and web-first allocations. Table 28 displays the household-level response at IP12 for the different samples by condition and the overall total response. The lower panel displays individual response rate for each, not including ineligible cases (e.g. moved out of scope, death). For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

Table 28 Household and individual response outcomes for continuing samples by mode design, IP12

Household RR		Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
Nurse	Responding HH	67.4%	64.9%	67.2%	50.9%	52.6%	61.1%
	(Complete + partial)	157	72	88	54	100	471
	Nonresponding HH	32.6%	35.1%	32.8%	49.1%	47.4%	38.9%
		76	39	43	52	90	300
Interviewer	Responding HH	70.5%	61.0%	63.3%	48.6%	48.1%	59.3%
	(Complete + partial)	158	61	81	52	90	442
	Nonresponding HH	29.5%	39.0%	36.7%	51.4%	51.9%	40.8%
		66	39	47	55	97	304
MM	Responding HH	64.5%	60.0%	58.9%	52.5%	59.2%	59.9%
	(Complete + partial)	160	72	86	64	113	495
	Nonresponding HH	35.5%	40.0%	41.1%	47.5%	40.8%	40.2%
		88	48	60	58	78	332
Total	Responding HH	67.4%	61.9%	63.0%	50.8%	54.4%	60.1%
	(Complete + partial)	475	205	255	170	303	1408
	Nonresponding HH	32.6%	38.1%	37.0%	49.3%	46.7%	39.9%
		230	126	150	165	265	936
Total HH		705	331	405	335	568	2344

Conditional Individual RR		Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
Nurse	Responding	82.7%	75.7%	79.6%	71.8%	80.1%	79.2%
		249	112	133	74	141	709
	Nonresponding	17.3%	24.3%	20.4%	28.2%	19.9%	20.8%
		52	36	34	29	35	186
Interviewer	Responding	84.5%	77.8%	75.5%	71.4%	73.9%	78.2%
		256	91	126	75	113	661
	Nonresponding	15.5%	22.2%	24.6%	28.6%	26.1%	21.8%
		47	26	41	30	40	184
MM	Responding	80.7%	88.4%	77.7%	75.0%	72.3%	78.7%
		280	122	136	90	164	792
	Nonresponding	19.3%	11.6%	22.3%	25.0%	27.8%	21.4%
		67	16	39	30	63	215
Total	Responding	82.4%	80.7%	77.6%	72.9%	75.2%	78.7%
		785	325	395	239	418	2162
	Nonresponding	17.5%	19.4%	22.4%	27.1%	24.8%	21.3%
		166	78	114	89	138	585
Total Ind.		951	403	509	328	556	2747

There were 1,408 interviewed households from the continuing samples, for a 60.1% overall household response rate. Within these households, 2,162 people were interviewed, for a conditional individual response rate of 78.7%.

Given the mixed-mode design used, not all individuals responded in the same mode. As noted, however, any non-responding households invited to web were then assigned to interviewers, not nurses. Further, at IP12 the mop-up period was again used, where non-responding units in all the samples were contacted and could respond via the web or telephone regardless of the initially allocated mode. Table 29 shows the mode of completion for individuals by mode condition and total overall at IP12 including the mop-up phase.

Table 29 Mode of response, IP12

<i>Responding mode</i>	Nurse	Interviewer	MM	Total
Nurse	95.5% 677	---	---	31.3% 677
Interviewer	---	85.0% 562	26.4% 209	35.7% 771
Web	4.5% 32	15% 99	73.7% 583	33% 714
Total Ind.	709	661	792	2162

Starting in IP8, it was possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in the IP from the seventh wave as `w_deviceused` `w_deviceos` `w_devicemodel` `w_browserused` `w_browserversion` `w_screenresolution` in the file `w_indresp_ip`. The distribution of devices among web respondents used across all samples in IP12 is presented in Table 30.

Table 30 Device used, web respondents, IP12

	IP12 web respondents
PC/Laptop	58.6% 412
Large tablet	16.1% 113
Small/medium tablet	11.5% 81
Smartphone	13.8% 97
Total web respondents	703

Response outcomes at Wave 13

The issued sample at the thirteenth wave consisted of 2250 households. All households were issued to the same fieldwork design, i.e. web-first mixed-mode, and so Table 31 displays only the household-level response at IP13 for the continuing samples and the overall total response. The lower panel displays the individual response rate conditional on household response for continuing samples and overall. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

There were 1431 interviewed households from the continuing samples, for a 63.6% overall household response rate. Within these households, 2236 people were interviewed, for a conditional individual response rate of 78.6%.

The mixed-mode design meant that while most respondents were interviewed via the web, others were interviewed by a telephone interview. The mop-up period added more opportunity for response via telephone. Table 32 shows the mode of completion for individuals by mode at IP13 including the mop-up phase. The lower panel of this table breaks down web respondents by the type of device used to answer the online self-completion interview.

Table 31 Household and individual response outcomes for Continuing Samples, IP13

	Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
<i>Household RR</i>						
Complete HH	52.2%	45.1%	42.5%	34.6%	34.9%	42.8%
	352	143	171	110	188	964
Partial HH	20.5%	21.8%	20.7%	21.4%	20.2%	20.8%
	138	69	83	68	109	467
Total Responding HH	72.7%	66.9%	63.2%	56.0%	55.1%	63.6%
	490	212	254	178	297	1431
Nonresponding HH	27.3%	33.1 %	36.8%	44.0%	44.9%	36.4%
	184	105	148	140	242	819
Total HH	674	317	402	318	539	2250

	Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
<i>Conditional individual RR</i>						
Responding individuals	82.7% 820	81.4% 358	77.7% 393	72.9% 256	73.3% 409	78.6% 2236
Nonresponding individuals	17.3% 171	18.6% 82	22.3% 113	27.1% 95	26.7% 149	21.4% 610
Total Ind.	1010	444	511	360	574	2899

Table 32 Mode of response and device used, IP13

Respondents	
<i>Responding mode</i>	
Telephone	18.8%
	423
Web	81.2%
	1829
Total Respondents	2252
<i>Web device used</i>	
PC/Laptop	56.5%
	1033
Large tablet	9.0%
	164
Small/medium tablet	15.5%
	302
Smartphone	18.0%
	330
Total web respondents	1829

Response outcomes at Wave 14

The issued sample at the fourteenth wave consisted of 2158 continuing sample households and 6047 refreshment sample households. Table 33 displays the household-level response at IP14 for the continuing samples. Since all households were allocated to web-first, the response rates are shown by sample origin but not split by mode allocation as in previous years. The lower panel displays individual response rates for each sample. For each cell, the percent is reported above the number of units the percent represents, in *italics*. The total number of eligible sampled units is in the Total rows, in **bold**.

There were 1353 interviewed households from the continuing samples, for a 62.7% overall household response rate. Within these households, 2092 people were interviewed, for a conditional individual response rate of 77.2%.

Table 34 shows the household-level and individual-level response at IP14 for the IP14 refreshment sample. The fourteenth wave was the initial wave for this sample. A total of 773 households were surveyed, a 12.8% response rate. Of all of the enumerated individuals in these households, 966 were interviewed, equalling a 67.1% conditional individual response rate.

Given the mixed-mode design used, not all individuals responded in the same mode. Table 35 shows the mode of completion and device used by individuals. The continuing samples (original, IP4 refreshment, IP7 refreshment, IP10 refreshment, and IP11 refreshment) are combined, with the IP14 refreshment sample presented separately given the initial invitation and difference in design for this group this wave.

Starting in IP8, it was possible to access the web survey using any internet-enabled device. In previous waves, smartphones were blocked from accessing the survey, although tablets could access the questionnaire. A number of variables were captured about the device the survey was accessed with, including what type of device was used, the operating system, the device model, the browser used, browser version, and screen resolution. These variables are now available in the IP from the seventh wave as `w_deviceused` `w_deviceos` `w_devicemodel` `w_browserused` `w_browserversion` `w_screenresolution` in the file `w_indresp_ip`. The distribution of devices among web respondents used across all samples in IP14 is presented in Table 35.

Table 33 Household and individual response outcomes for Continuing Samples, IP14

	Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
<i>Household RR</i>						
Complete HH	49.6%	45.1%	40.9%	32.1%	39.4%	42.6%
	332	139	158	97	194	920
Partial HH	22.7%	20.5%	17.6%	20.9%	17.7%	37.3%
	152	63	68	63	87	433
Total Responding HH	72.4%	65.6%	58.4%	53.0%	57.1%	62.7%
	484	202	226	160	281	1353
Nonresponding HH	27.7%	34.4 %	41.6%	47.0%	42.9%	37.3.%
	185	106	161	142	211	805
Total HH	669	308	387	302	492	2158

	Original	IP4 refreshment	IP7 refreshment	IP10 refreshment	IP11 refreshment	Total
<i>Conditional Individual RR</i>						
Responding individuals	78.9%	79.3%	78.4%	68.7%	76.8%	77.2%
	778	321	355	224	414	2092
Nonresponding individuals	21.1%	20.7%	21.6%	31.3%	23.2%	22.8%
	208	84	98	102	125	617
Total Ind.	986	405	453	326	539	2709

Table 34 Household and individual response outcomes for IP14 refreshment sample, IP14

<i>Household RR</i>	Total
Complete HH	7.0%
	425
Partial HH	5.8%
	213
Total Responding HH	12.8%
	773
Nonresponding HH	87.2%
	5274
Total HH	6047
<i>Conditional Individual RR</i>	
Responding individuals	67.1%
	966
Nonresponding individuals	32.9%
	473
Total Individuals	1439

Table 35 Mode of response and device used, IP14 continuing respondents and IP14 refreshment

	Continuing respondents	IP14 refreshment
<i>Responding mode</i>		
Telephone	12.8%	NA
	266	
Web	87.3%	100.0%
	1821	966
Total Respondents	2087	966
<i>Web device used</i>		
PC/Laptop	55.3%	62.3%
	1153	602
Large tablet	5.2%	4.8%
	109	46
Small/medium tablet	19.4%	16.9%
	405	154
Smartphone	20.1%	16.9%
	420	163
Total web respondents	2087	966

Response outcomes at Wave 15

The issued sample at the 15th wave consisted of 2966 households. Fieldwork for all sample members was split by CAPI-first and web-first allocations. Table 36 displays the household-level response at IP15 for the continuing samples by CAPI-first (labelled face-to-face, FTF, in the table) and web-first (labelled mixed mode, MM) conditions and the overall total response. The lower panel displays individual response rate for each. For each cell, the percent is reported above the number of units the percent represents, in italics. The total number of eligible sampled units is in the Total rows, in bold.

There were 1797 interviewed households from the continuing samples, for a 60.6% overall household response rate. Within these households, 2686 people were interviewed, for a conditional individual response rate of 76.5%.

Given the mixed-mode design used, not all individuals responded in the same mode. Further, at IP15 the mop-up period was again used, where non-responding units in all the samples were contacted and could respond via the web or telephone regardless of the allocated mode design. Only 53 people responded via the telephone at IP15. Table 37 shows the mode of completion for individuals by mode condition and total overall at IP15 including the mop-up phase.

Table 38 documents the devices that the 1895 web respondents used to complete the survey.

Table 36 Household and individual response outcomes for continuing samples by mode design, IP15

	Original		IP4 refreshment		IP7 refreshment		IP10 refreshment		IP11 refreshment		IP14 refreshment		Total
<i>Household RR</i>	F2F	MM	F2F	MM	F2F	MM	F2F	MM	F2F	MM	F2F	MM	
Complete HH	39.7%	44.2%	35.2%	47.9%	31.5%	39.2%	24.5%	35.3%	32.0%	35.9%	31.1%	50.9%	39.8%
	87	204	38	101	40	104	24	71	106	56	83	265	1,179
Partial HH	21.9%	22.5%	14.8%	18.5%	18.1%	21.5%	20.4%	19.4%	13.9%	14.7%	22.1%	27.6%	20.8%
	48	104	16	39	23	57	20	39	46	23	59	144	618
Total Responding HH	61.6%	66.7%	50.0%	66.4%	49.6%	60.7%	44.9%	54.7%	45.9%	50.6%	53.2%	78.5%	60.6%
	135	308	54	140	63	161	44	110	152	79	142	409	1797
Nonresponding HH	38.4%	33.3%	50.0%	33.6%	50.4%	39.2%	55.1%	45.3%	54.1%	49.4%	46.8%	21.5%	39.4%
	84	154	54	71	64	104	54	91	179	77	125	112	1,169
Total HHs	219	462	108	211	127	265	98	201	331	156	267	521	2,966

	Original		IP4 refreshment		IP7 refreshment		IP10 refreshment		IP11 refreshment		IP14 refreshment		Total
Conditional Individual RR													
Responding individuals	76.0%	78.4%	83.7%	80.3%	77.8%	75.5%	66.3%	74.7%	77.4%	80.0%	71.6%	75.4%	76.5%
	200	501	82	233	105	241	59	162	226	104	204	569	2,686
Nonresponding individuals	24.0%	21.6%	16.3%	19.7%	22.2%	24.5%	33.7%	25.3%	22.6%	20.0%	28.4%	24.6%	23.5%
	63	138	16	57	30	78	30	55	66	26	81	186	826
Total Individuals	263	639	98	290	135	319	89	217	292	130	285	755	3,512

Table 37 Mode of response by mode of issue, IP15

Responding mode	Original sample		IP4 refreshment		IP7 refreshment		IP10 refreshment		IP11 refreshment		IP14 refreshment		Total
	F2F-first	Web-first	F2F-first	Web-first	F2F-first	Web-first	F2F-first	Web-first	F2F-first	Web-first	F2F-first	Web-first	
Face-to-face	66.5%	9.0%	78.0%	6.4%	77.1%	9.5%	62.7%	7.4%	74.3%	12.5%	57.8%	5.1%	27.5%
	133	45	64	15	81	23	37	12	168	13	118	29	738
Telephone	3.5%	1.4%	6.1%	0.4%	1.9%	0.8%	3.4%	0.6%	4.4%	1.0%	4.9%	0.9%	2.0%
	7	7	5	1	2	2	2	1	10	1	10	5	53
Web	30.0%	89.6%	15.9%	93.1%	21.0%	89.6%	33.9%	92.0%	21.2%	86.5%	37.3%	94.0%	70.6%
	60	449	13	217	22	216	20	149	48	90	76	535	1,895
Total Individuals	200	501	82	233	105	241	59	162	226	104	204	569	2,686

Table 38 Device used, web respondents, IP15

	IP15 web respondents
PC/Laptop	51.4%
	<i>973</i>
Large tablet	6.0%
	<i>113</i>
Small/medium tablet	18.9%
	<i>358</i>
Smartphone	23.8%
	<i>451</i>
Total web respondents	1,895

Response outcomes at Wave 16

For the convenience of data users who use both the Innovation Panel and the Main Understanding Society data, we have changed which tables of response rates we calculate for the Innovation Panel. The response rate tables provided for IP16 now more closely follow those released for the Main panel.

For **household responses**, the **w_hhsamp** file is used to create the household outcome summary variable. The household interview outcome variable (**w_ivfho**) is used to identify household response statuses as follows:

Codes	Household response status
10 (all eligible hh intv)	"Fully responding households"
11 (interviews + proxies)	"Partially responding households" (i.e., at least one adult interview)
12 (interviews + refusal)	
14 (hh grid + indiv only (no hh ques)	
13 (hh grid + hh ques only)	"Other non-interview"
39 (lost on laptop)	
50 (address not found)	"Untraced mover"
51 (no hh member contact)	"Non-contact"
52 (unable to locate address)	
53 (contact made but not with correct)	
54 (address inaccessible)	
55 (no phone contact with CATI hhold)	
56 (unknown eligibility)	
59 (other non-contact)	
60 (refuse to research centre)	"Refusal"
61 (refusal to interviewer)	
66 (no web response/web-only hh)	
15 (hh grid + proxies only)	"Other non-interview households"
16 (hh grid only)	
62 (language problems)	
63 (no intv.: age/health)	
65 (ill during survey period)	
70-98	Ineligible and not included in the tables

In addition, households with a final interviewer outcome code (**w_outcome**) of 611 (Office use only: Not issued to interviewer) are excluded from the tables as these represent households that were not worked by the fieldwork agency.

For **individual responses**, the **w_indsamp** file is used to create the individual outcome summary variable. The individual interview outcome variable (**w_ivfio**) is used to identify individuals' response statuses as follows:

Codes	Household response status
1 (full interview)	"full interview"
2 (proxy interview)	"proxy interview"
9 (lost capi interview)	"other non-interview"
11 (other non-intvw)	
14 (ill/away during survey period)	
15 (too infirm/elderly)	
16 (language difficulties)	
18 (unknown eligibility)	
10 (refusal)	"refusal"
21 (youth interview)	All the outcome codes that refer to children are coded as ineligible for the adult response tables.
22 (youth: refusal)	
23 (youth: oth non-int)	
24 (child under 10)	
25 (youth non-interview)	
60 (child <16 ref/non-int hh)	
61 (chd <16 lang prob/non-int hh)	
62 (chd <16 infirm/non-int hh)	
63 (chd <16 non-cont/non-int hh)	
64 (chd <16 o-o-scope/non-int hh)	
67 (chd <16 ill/away - non-int hhold)	
80 (tsm – no osm/psm)	Ineligible
81 (prev wave adamant refusal)	
82 (l-t untrace, w-drawn)	
83 (withdrawn before field)	
84 (other ineligible)	
98 (other retiring (due to health))	
99 (dead)	

Other outcome codes that refer to specific outcomes within a non-interviewed household are replaced with their household response variable (see above) and that is used to categorise them as refusals, non-contacts or other non-interview (e.g., the individual outcome is coded as a household non-contact if the household outcome is non-contact).

As above, individuals from households where the final interviewer outcome code is 611 are excluded from the tables.

Table 39 documents the household response rates and sample sizes by sample origin. Table 40 documents the individual response rates, based on all enumerated adults in respondent households. Table 41 documents the re-interview rates of adults who completed the survey at IP15, by sample origin. Table 42 documents the household response rates by mode of issue. Table 43 documents the reinterview rates of individuals with full interviews at IP15, by mode of issue.

Table 39 IP16 household response rates by sample origin

IP16 household outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Fully responding	314 53.9%	151 58.8%	157 50.3%	108 49.3%	159 42.0%	377 49.9%	1,266 50.5%
Partially responding	135 23.2%	48 18.7%	66 21.2%	39 17.8%	65 17.2%	129 17.1%	482 19.2%
All responding	449 77.0%	199 77.4%	223 71.5%	147 67.1%	224 59.1%	506 67.0%	1,748 69.8%
Non-contact	61 10.5%	26 10.1%	44 14.1%	27 12.3%	73 19.3%	94 12.5%	325 13.0%
Untraced mover	15 2.6%	12 4.7%	10 3.2%	10 4.6%	15 4.0%	28 3.7%	90 3.6%
Refusal	47 8.1%	13 5.1%	28 9.0%	27 12.3%	54 14.2%	102 13.5%	271 10.8%
Other non-interview	11 1.9%	7 2.7%	7 2.2%	8 3.7%	13 3.4%	25 3.3%	71 2.8%
Total	583 100.0%	257 100.0%	312 100.0%	219 100.0%	379 100.0%	755 100.0%	2,505 100.0%

Table 40 IP16 cross-sectional individual adult response rates by sample origin

IP16 adult outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Full interview	741 63.3%	350 67.0%	365 57.8%	234 54.7%	339 45.0%	796 55.5%	2,825 57.2%
Proxy interview	10 0.9%	3 0.6%	1 0.2%	2 0.5%	1 0.1%	5 0.3%	22 0.4%
Other non-interview	90 7.7%	40 7.7%	50 7.9%	27 6.3%	66 8.8%	103 7.2%	376 7.6%
Refusal	76 6.5%	28 5.4%	40 6.3%	34 7.9%	44 5.8%	92 6.4%	314 6.4%
Household non-contact	118 10.1%	47 9.0%	88 13.9%	61 14.3%	162 21.5%	194 13.5%	670 13.6%
Household refusal	97 8.3%	23 4.4%	62 9.8%	51 11.9%	101 13.4%	187 13.0%	521 10.5%
Household other non-interview	5 0.4%	2 0.4%	2 0.3%	3 0.7%	6 0.8%	7 0.5%	25 0.5%
Household untraced	32 2.7%	29 5.6%	20 3.2%	14 3.3%	30 4.0%	47 3.3%	172 3.5%
Household ineligible	1 0.1%		3 0.5%	2 0.5%	4 0.5%	4 0.3%	14 0.3%
Total	1,170 100.0%	522 100.0%	631 100.0%	428 100.0%	753 100.0%	1,435 100.0%	4,939 100.0%

Table 41 IP16 longitudinal re-interview rates for adults with full interview at IP15 by sample origin

IP16 adult outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Full interview	615 86.7%	279 87.5%	297 84.6%	193 86.5%	253 77.1%	629 79.5%	2,266 83.3%
Proxy interview	1 0.1%	1 0.3%					2 0.1%
Other non-interview	25 3.5%	11 3.4%	12 3.4%	5 2.2%	17 5.2%	37 4.7%	107 3.9%
Refusal	11 1.6%	7 2.2%	8 2.3%	6 2.7%	6 1.8%	22 2.8%	60 2.2%
Household non-contact	33 4.7%	12 3.8%	22 6.3%	8 3.6%	33 10.1%	47 5.9%	155 5.7%
Household refusal	17 2.4%	6 1.9%	9 2.6%	8 3.6%	16 4.9%	44 5.6%	100 3.7%
Household other non-interview	3 0.4%	1 0.3%	2 0.6%	1 0.4%	1 0.3%	1 0.1%	9 0.3%
Household untraced	3 0.4%	2 0.6%		2 0.9%	2 0.6%	9 1.1%	18 0.7%
Household ineligible	1 0.1%		1 0.3%			2 0.3%	4 0.1%
Total	709 100.0%	319 100.0%	351 100.0%	223 100.0%	328 100.0%	791 100.0%	2,721 100.0%

Table 42 IP16 household response rates by mode of issue

IP16 household outcome	CAPI first	Web first	Total
Fully responding	425 42.6%	841 55.8%	1,266 50.5%
Partially responding	194 19.5%	288 19.1%	482 19.2%
All responding	619 62.1%	1,129 74.9%	1,748 69.8%
Non-contact	178 17.9%	147 9.7%	325 13.0%
Untraced mover	47 4.7%	43 2.9%	90 3.6%
Refusal	134 13.4%	137 9.1%	271 10.8%
Other non-interview	19 1.9%	52 3.4%	71 2.8%
Total	997 100.0%	1,508 100.0%	2,505 100.0%

Table 43 IP16 longitudinal re-interview rates for adults with full interview at IP15 by mode of issue

IP16 adult outcome	CAPI first	Web first	Total
Full interview	674 77.1%	1,592 86.2%	2,266 83.3%
Proxy interview	0 0.0%	2 0.1%	2 0.1%
Other non-interview	37 4.2%	70 3.8%	107 3.9%
Refusal	13 1.5%	47 2.5%	60 2.2%
Household non-contact	82 9.4%	73 4.0%	155 5.7%
Household refusal	52 5.9%	48 2.6%	100 3.7%
Household other non-interview	6 0.7%	3 0.2%	9 0.3%
Household untraced	9 1.0%	9 0.5%	18 0.7%
Household ineligible	1 0.1%	3 0.2%	4 0.1%
Total	874 100.0%	1,847 100.0%	2,721 100.0%

Response outcomes at Wave 17

At Wave 17, we report the same response outcome tables as at Wave 16. See the information above for a detailed description of assumptions included in these calculations.

One additional coding decision was made to handle the data issue where household response data was lost for around 5% of the sample. See the Innovation Panel User Guide section on known data issues at IP17 for information about the underlying issue. Most of these cases are recorded with a household outcome (**q_ivfho**) coded 17 (individual interviews only (no grid)). These are typically cases where someone in the household had completed the household grid / questionnaire online and subsequently an individual interview was conducted face-to-face. Consequently, we know the household (at least) partially responded and in many cases it will have been a full completion (e.g., where one member of a couple completed online and the other face-to-face). As we are unable to identify definitively whether these cases are full or partial completion households, we code them as ineligible and omit them from the tables. This ensures the estimates of response rates are conservative. For internal consistency, and because we cannot definitively allocate the individuals to the households they were in at this wave, we also drop these cases from the reports of individual response rates.

Table 44 IP17 household response rates by sample origin

IP17 household outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Fully responding	279 50.5%	120 51.5%	117 40.2%	92 41.8%	131 36.5%	280 42.5%	1,019 44.0%
Partially responding	91 16.5%	39 16.7%	61 21.0%	36 16.4%	46 12.8%	109 16.5%	382 16.5%
All responding	370 67.0%	159 68.2%	178 61.2%	128 58.2%	177 49.3%	389 59.0%	1,401 60.5%
Non-contact	98 17.8%	42 18.0%	50 17.2%	50 22.7%	83 23.1%	130 19.7%	453 19.6%
Untraced mover	6 1.1%	1 0.4%	6 2.1%	5 2.3%	4 1.1%	11 1.7%	33 1.4%
Refusal	59 10.7%	23 9.9%	46 15.8%	32 14.5%	81 22.6%	104 15.8%	345 14.9%
Other non-interview	19 3.4%	8 3.4%	11 3.8%	5 2.3%	14 3.9%	25 3.8%	82 3.5%
Total	552 100.0%	233 100.0%	291 100.0%	220 100.0%	359 100.0%	659 100.0%	2,314 100.0%

Table 45 IP17 cross-sectional individual adult response rates by sample origin

IP17 adult outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Full interview	674 58.5%	301 60.9%	305 49.0%	207 48.6%	296 41.1%	681 51.1%	2,464 51.9%
Proxy interview	9 0.8%	4 0.8%	2 0.3%	2 0.5%	5 0.7%	8 0.6%	30 0.6%
Other non-interview	111 9.6%	55 11.1%	86 13.8%	49 11.5%	74 10.3%	128 9.6%	503 10.6%
Refusal	45 3.9%	14 2.8%	29 4.7%	9 2.1%	22 3.1%	49 3.7%	168 3.5%
Household non-contact	189 16.4%	79 16.0%	91 14.6%	86 20.2%	168 23.3%	244 18.3%	857 18.0%
Household refusal	112 9.7%	40 8.1%	98 15.8%	66 15.5%	140 19.4%	197 14.8%	653 13.8%
Household other non-interview	6 0.5%		2 0.3%	1 0.2%	7 1.0%	4 0.3%	20 0.4%
Household untraced	6 0.5%	1 0.2%	9 1.4%	6 1.4%	5 0.7%	20 1.5%	47 1.0%
Household ineligible					4 0.6%	2 0.2%	6 0.1%
Total	1,152 100.0%	494 100.0%	622 100.0%	426 100.0%	721 100.0%	1,333 100.0%	4,748 100.0%

Table 46 IP17 longitudinal re-interview rates for adults with full interview at IP16 by sample origin

IP17 adult outcome	Original	IP4	IP7	IP10	IP11	IP14	Total
Full interview	598 79.8%	265 76.4%	267 73.0%	182 76.5%	244 70.9%	586 74.0%	2,142 75.5%
Proxy interview	1 0.1%			1 0.4%	1 0.3%	2 0.3%	5 0.2%
Other non-interview	38 5.1%	28 8.1%	30 8.2%	20 8.4%	21 6.1%	49 6.2%	186 6.6%
Refusal	14 1.9%	8 2.3%	14 3.8%	2 0.8%	11 3.2%	34 4.3%	83 2.9%
Household non-contact	78 10.4%	31 8.9%	36 9.8%	27 11.3%	41 11.9%	71 9.0%	284 10.0%
Household refusal	18 2.4%	15 4.3%	19 5.2%	5 2.1%	25 7.3%	45 5.7%	127 4.5%
Household other non-interview	2 0.3%			1 0.4%	1 0.3%	1 0.1%	5 0.2%
Household untraced						4 0.5%	4 0.1%
Total	749 100.0%	347 100.0%	366 100.0%	238 100.0%	344 100.0%	792 100.0%	2,836 100.0%

Table 47 IP17 household response rates by mode of issue

IP17 household outcome	CAPI first	Web first	Total
Fully responding	304 33.9%	715 50.5%	1,019 44.0%
Partially responding	128 14.3%	254 17.9%	382 16.5%
All responding	432 48.1%	969 68.4%	1,401 60.5%
Non-contact	254 28.3%	199 14.1%	453 19.6%
Untraced mover	12 1.3%	21 1.5%	33 1.4%
Refusal	176 19.6%	169 11.9%	345 14.9%
Other non-interview	24 2.7%	58 4.1%	82 3.5%
Total	898 100.0%	1,416 100.0%	2,314 100.0%

Table 48 IP17 longitudinal re-interview rates for adults with full interview at IP16 by mode of issue

IP17 adult outcome	CAPI first	Web first	Total
Full interview	639 67.3%	1,503 79.7%	2,142 75.5%
Proxy interview	2 0.2%	3 0.2%	5 0.2%
Other non-interview	63 6.6%	123 6.5%	186 6.6%
Refusal	20 2.1%	63 3.3%	83 2.9%
Household non-contact	151 15.9%	133 7.1%	284 10.0%
Household refusal	71 7.5%	56 3.0%	127 4.5%
Household other non-interview	4 0.4%	1 0.1%	5 0.2%
Household untraced		4 0.2%	4 0.1%
Total	950 100.0%	1,886 100.0%	2,836 100.0%

Longitudinal response outcomes

As well as the tables presenting wave-to-wave longitudinal repeated response (i.e., response at wave N conditional on response at wave N-1), reported from Wave 16 onward, we have continued to calculate an overall longitudinal response rate table.

The individual re-interview rate is an important outcome in a longitudinal survey for any analyses requiring pairs of observations of the same units at different times. Re-interview rates are calculated as the percentage of eligible units responding at later waves who were also surveyed at the initial wave. For those in the original sample, the percentage is predicated on response at IP1, while the fourth wave is the initial wave for the IP4 refreshment sample, the seventh wave was the first for the IP7 refreshment sample, the tenth wave was the first for the IP10 refreshment sample, the eleventh was the first for the IP11 refreshment sample, and the fourteenth wave was the first for the IP14 refreshment sample.

The total number of people included in this table is smaller than in the other tables as inclusion in this table is conditional on adult response at the first wave for the individual's relevant sample origin. Consequently, it excludes, for example, household members who were children in earlier waves and who have aged into eligibility for adult interviews.

Compared to versions of this table reported in editions of the Innovation Panel User Guide prior to Wave 16, some changes have been made to the calculation of this table, resulting in small changes to the reported response rates. Since Wave 16, the calculations now assume that individuals who become ineligible in one wave remain ineligible in all future waves. For individuals who have died, this assumption will always be correct; for other individuals, there is a possibility that they could have become eligible again (e.g., an emigrant who moves back to the UK). Since we make no other adjustments for people of unknown status becoming ineligible, this assumption very likely still produces a conservative estimate of these response rates.

Table 49 presents the longitudinal individual re-interview rates for the original sample (for IP2-IP17), the IP4 refreshment sample (for IP5-IP17), IP7 (for IP8-IP17), IP10 (IP11-IP17), IP11 (IP12-IP17), and IP14 (IP15-IP17). For each cell, the percent is reported below the number of individuals the percent represents.

As with any longitudinal study, there has been attrition at each wave, decreasing the overall numbers for each sample. At IP17, 458 individuals from the original sample who responded at IP1 were successfully interviewed, representing a 21.9% re-interview rate. For the IP4 refreshment sample, IP17 was their fourteenth wave and 211 responded, for a 31.6% re-interview rate. IP17 was the eleventh wave for the IP7 refreshment sample, with 222 responses for a 36.8% re-interview rate. The IP10 refreshment sample was in its eighth wave at IP17, with 170 responding for a 36.8% re-interview rate. The IP11 refreshment sample was asked to participate for the seventh time at IP17, and had 231 completes, a 32.6% re-interview rate. The IP14 refreshment sample was asked to participate for the fourth time at IP17, with 546 completes for a 58.2% re-interview rate.

Table 49 Longitudinal re-interview rates

	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17
Original sample	1,654 69.5%	1,442 61.4%	1,270 56.3%	1,095 49.1%	1,100 49.7%	917 41.7%	867 39.7%	814 39.6%	746 34.7%	691 32.4%	600 28.3%	609 28.8%	558 26.5%	503 24.0%	519 24.8%	458 21.9%
IP4 refreshment				586 82.0%	554 77.8%	447 63.0%	423 60.3%	396 60.5%	350 50.2%	321 46.2%	258 37.6%	272 39.8%	250 36.8%	227 33.5%	241 35.5%	211 31.6%
IP7 refreshment							520 79.5%	487 83.2%	404 62.9%	371 58.3%	309 49.0%	299 47.8%	271 43.7%	255 41.5%	257 42.2%	222 36.8%
IP10 refreshment										297 60.5%	216 44.5%	222 46.3%	195 40.8%	187 39.5%	195 41.8%	170 36.8%
IP11 refreshment											371 49.4%	351 47.4%	338 46.1%	272 37.2%	268 36.8%	231 32.6%
IP14 refreshment														657 68.4%	644 67.9%	546 58.2%

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