

APPENDIX E. SUPPORTING TABLES

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Note:

A spreadsheet of results by Local Authority is available on request from Sayers and Partners. This does not include disaggregated results by social vulnerability.

Table A Exposed population

Exposed population - (000)'s Population projection Climate future (rise in GMST by 2100)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	6,822	-4%	-4%	1%	1%	15%	15%	-8%	-8%	-4%	-5%	24%	23%
Country													
England	5,972	-4%	-4%	3%	3%	16%	16%	-8%	-8%	-2%	-2%	25%	25%
Wales	481	-4%	-4%	-9%	-9%	8%	8%	-7%	-7%	-20%	-20%	13%	13%
Scotland	284	-5%	-4%	-11%	-10%	3%	5%	-9%	-9%	-25%	-25%	4%	4%
Northern Ireland	84	5%	5%	-4%	-4%	26%	26%	2%	2%	-24%	-25%	33%	32%
Enhanced Whole System													
UK	6,822	-4%	-4%	0%	0%	13%	13%	-8%	-8%	-6%	-6%	19%	18%
Country													
England	5,972	-4%	-4%	2%	2%	14%	13%	-8%	-9%	-4%	-4%	20%	20%
Wales	481	-4%	-4%	-9%	-9%	6%	6%	-7%	-7%	-21%	-21%	9%	9%
Scotland	284	-5%	-4%	-11%	-10%	1%	2%	-11%	-11%	-25%	-26%	-1%	-2%
Northern Ireland	84	5%	5%	-4%	-4%	23%	23%	2%	2%	-24%	-24%	29%	28%
Reduced Whole System													
UK	6,822	-4%	-4%	2%	2%	18%	18%	-7%	-8%	-3%	-4%	27%	27%
Country													
England	5,972	-4%	-4%	4%	4%	19%	19%	-8%	-8%	-1%	-1%	29%	29%
Wales	481	-4%	-4%	-8%	-8%	11%	11%	-7%	-7%	-20%	-20%	17%	17%
Scotland	284	-5%	-4%	-11%	-10%	6%	7%	-9%	-9%	-25%	-25%	7%	7%
Northern Ireland	84	5%	5%	-4%	-4%	29%	28%	2%	2%	-25%	-25%	36%	35%

Table B People counts in bands - Significant (1in75)

People counts in bands - Significant - (000)'s Population projection Climate future (rise in GMST by 2100)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	1,889	44%	68%	51%	77%	73%	102%	54%	88%	56%	91%	103%	149%
Country													
England	1,554	49%	77%	60%	89%	81%	114%	61%	98%	69%	108%	115%	166%
Wales	148	13%	23%	3%	13%	22%	35%	20%	48%	-4%	20%	36%	73%
Scotland	155	26%	33%	18%	25%	39%	46%	24%	32%	2%	8%	43%	52%
Northern Ireland	33	26%	40%	15%	28%	53%	70%	34%	63%	-2%	17%	77%	116%
Enhanced Whole System													
UK	1,889	23%	44%	28%	50%	45%	70%	31%	61%	31%	62%	67%	108%
Country													
England	1,554	25%	48%	33%	58%	49%	77%	33%	66%	39%	73%	74%	118%
Wales	148	15%	27%	4%	16%	23%	36%	22%	52%	-3%	23%	36%	73%
Scotland	155	14%	22%	6%	14%	23%	32%	10%	19%	-10%	-3%	23%	33%
Northern Ireland	33	26%	41%	14%	29%	50%	69%	34%	64%	-2%	19%	74%	112%
Reduced Whole System													
UK	1,889	52%	79%	61%	89%	86%	118%	73%	108%	78%	115%	135%	185%
Country													
England	1,554	59%	89%	71%	103%	97%	133%	83%	122%	94%	136%	153%	209%
Wales	148	14%	25%	4%	15%	24%	38%	22%	51%	-2%	23%	40%	80%
Scotland	155	26%	33%	18%	25%	41%	49%	26%	33%	3%	8%	49%	57%
Northern Ireland	33	26%	40%	15%	28%	55%	73%	34%	63%	-3%	17%	81%	121%

Table C Expected Annual Damage: Residential (Direct)

Expected Annual Damage: Residential (Direct) - £m	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	476	31%	52%	43%	65%	57%	82%	38%	83%	53%	103%	87%	148%
Country													
England	291	39%	63%	56%	83%	69%	98%	47%	103%	73%	137%	106%	181%
Wales	94	14%	27%	16%	29%	30%	45%	20%	45%	17%	42%	49%	83%
Scotland	69	20%	37%	28%	45%	40%	59%	20%	49%	26%	56%	55%	93%
Northern Ireland	21	32%	56%	34%	57%	65%	94%	44%	85%	29%	66%	107%	166%
Enhanced Whole System													
UK	476	9%	26%	19%	37%	28%	47%	11%	46%	25%	64%	46%	91%
Country													
England	291	12%	31%	25%	46%	33%	55%	15%	57%	36%	84%	55%	109%
Wales	94	7%	19%	11%	23%	20%	34%	8%	31%	11%	35%	33%	64%
Scotland	69	-7%	6%	-1%	13%	6%	21%	-9%	13%	-4%	19%	14%	42%
Northern Ireland	21	24%	45%	28%	51%	52%	79%	30%	66%	23%	58%	81%	131%
Reduced Whole System													
UK	476	45%	71%	59%	87%	80%	112%	61%	120%	80%	146%	131%	215%
Country													
England	291	56%	87%	78%	112%	99%	137%	77%	150%	111%	196%	164%	269%
Wales	94	24%	39%	24%	39%	43%	61%	34%	64%	27%	57%	69%	112%
Scotland	69	29%	49%	35%	56%	54%	78%	36%	75%	38%	77%	83%	136%
Northern Ireland	21	38%	62%	37%	62%	75%	107%	52%	99%	33%	73%	123%	192%

Table D Expected Annual Damage: Non-Residential (Direct)

Expected Annual Damage: Non-Residential (Direct) - £m	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	670	10%	23%	10%	23%	10%	22%	17%	42%	17%	42%	17%	42%
Country													
England	463	17%	31%	17%	31%	17%	31%	25%	51%	25%	51%	25%	51%
Wales	51	-7%	3%	-7%	3%	-7%	3%	2%	23%	2%	23%	1%	23%
Scotland	114	-15%	-6%	-15%	-6%	-16%	-7%	-11%	8%	-10%	8%	-11%	8%
Northern Ireland	42	18%	33%	18%	33%	18%	33%	28%	55%	28%	55%	28%	55%
Enhanced Whole System													
UK	670	-5%	5%	-5%	5%	-5%	5%	1%	21%	1%	20%	1%	20%
Country													
England	463	0%	11%	0%	11%	0%	11%	6%	26%	6%	26%	6%	26%
Wales	51	-11%	-2%	-11%	-2%	-12%	-3%	-4%	16%	-3%	16%	-4%	16%
Scotland	114	-32%	-24%	-31%	-24%	-32%	-24%	-27%	-12%	-27%	-12%	-27%	-12%
Northern Ireland	42	15%	29%	15%	29%	15%	30%	24%	50%	24%	50%	24%	50%
Reduced Whole System													
UK	670	27%	44%	27%	44%	27%	44%	40%	75%	40%	75%	40%	75%
Country													
England	463	36%	54%	36%	54%	36%	54%	50%	88%	50%	88%	50%	88%
Wales	51	8%	25%	8%	25%	8%	25%	23%	58%	24%	59%	23%	58%
Scotland	114	0%	13%	0%	13%	0%	13%	8%	34%	8%	34%	8%	34%
Northern Ireland	42	22%	39%	22%	39%	22%	39%	33%	69%	33%	69%	34%	69%

Note: Population change has no impact on non-residential properties

Table E Expected Annual Damage: Total (direct and indirect)

Expected Annual Damage: Total (direct and indirect) - £m	Population projection	Present day	2050						2080					
			None		Low		High		None		Low		High	
			2	4	2	4	2	4	2	4	2	4	2	4
Climate future (rise in GMST by 2100)														
Current Level of Adaptation (CLA)														
UK	2,042	19%	35%	25%	42%	31%	49%	26%	60%	33%	69%	48%	89%	
Country														
England	1,340	26%	44%	33%	52%	39%	59%	34%	72%	45%	87%	58%	105%	
Wales	266	7%	19%	9%	20%	18%	31%	14%	38%	12%	36%	34%	64%	
Scotland	324	-1%	11%	2%	14%	7%	20%	2%	24%	4%	27%	16%	42%	
Northern Ireland	111	23%	41%	24%	42%	35%	55%	34%	66%	29%	59%	57%	95%	
Enhanced Whole System														
UK	2,042	1%	14%	5%	19%	9%	24%	5%	32%	11%	40%	21%	52%	
Country														
England	1,340	5%	19%	11%	25%	14%	29%	10%	39%	18%	50%	26%	60%	
Wales	266	1%	12%	4%	15%	10%	22%	4%	26%	6%	29%	21%	48%	
Scotland	324	-22%	-12%	-19%	-9%	-16%	-6%	-20%	-2%	-17%	1%	-10%	10%	
Northern Ireland	111	18%	35%	20%	37%	28%	47%	26%	56%	23%	53%	45%	80%	
Reduced Whole System														
UK	2,042	35%	56%	41%	63%	50%	74%	49%	95%	58%	106%	80%	137%	
Country														
England	1,340	44%	68%	53%	78%	62%	88%	61%	114%	75%	133%	97%	163%	
Wales	266	19%	34%	19%	35%	31%	49%	30%	62%	26%	57%	54%	95%	
Scotland	324	11%	28%	14%	30%	21%	39%	19%	50%	20%	51%	38%	75%	
Northern Ireland	111	28%	47%	28%	47%	41%	64%	40%	80%	33%	71%	66%	114%	

Table F Residential counts in bands - Significant (1in75)

Residential counts in bands - Significant (1in75) - (000)'s	Present day	2050						2080						
		None		Low		High		None		Low		High		
		2	4	2	4	2	4	2	4	2	4	2	4	
Population projection Climate future (rise in GMST by 2100)														
Current Level of Adaptation (CLA)														
UK	827	49%	74%	69%	98%	93%	126%	64%	99%	93%	135%	149%	205%	
Country														
England	678	54%	82%	79%	111%	103%	140%	71%	109%	109%	156%	165%	226%	
Wales	65	17%	28%	15%	26%	37%	51%	28%	58%	16%	46%	65%	110%	
Scotland	70	30%	38%	37%	44%	60%	68%	32%	40%	33%	41%	83%	95%	
Northern Ireland	13	30%	46%	27%	42%	69%	90%	43%	74%	18%	43%	115%	164%	
Enhanced Whole System														
UK	827	26%	48%	43%	67%	61%	89%	36%	68%	59%	97%	102%	150%	
Country														
England	678	28%	52%	48%	75%	66%	97%	40%	73%	69%	110%	110%	163%	
Wales	65	18%	30%	16%	29%	36%	52%	28%	59%	17%	48%	63%	108%	
Scotland	70	14%	23%	20%	30%	37%	48%	12%	22%	14%	23%	51%	63%	
Northern Ireland	13	29%	46%	26%	43%	65%	87%	41%	73%	18%	44%	107%	156%	
Reduced Whole System														
UK	827	59%	87%	82%	114%	110%	147%	87%	125%	123%	169%	194%	255%	
Country														
England	678	66%	98%	94%	130%	123%	164%	99%	140%	144%	195%	217%	285%	
Wales	65	19%	31%	16%	29%	40%	56%	32%	63%	19%	51%	73%	122%	
Scotland	70	33%	40%	38%	46%	65%	74%	38%	46%	36%	44%	97%	107%	
Northern Ireland	13	31%	47%	27%	42%	73%	94%	44%	77%	18%	43%	122%	173%	

Table G Non-Residential counts in bands - Significant (1in75)

Non-Residential counts in bands - Significant (1in75) - (000)'s	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	189	33%	47%	33%	48%	34%	49%	41%	61%	41%	62%	43%	64%
Country													
England	141	37%	53%	38%	54%	38%	54%	45%	67%	46%	68%	48%	70%
Wales	12	16%	26%	16%	25%	17%	27%	25%	50%	23%	48%	27%	52%
Scotland	26	23%	30%	23%	30%	23%	31%	27%	37%	26%	37%	28%	38%
Northern Ireland	11	24%	37%	24%	36%	25%	38%	34%	57%	31%	54%	36%	60%
Enhanced Whole System													
UK	189	19%	33%	20%	33%	21%	34%	25%	45%	25%	45%	27%	47%
Country													
England	141	20%	35%	21%	36%	22%	36%	26%	46%	26%	47%	27%	48%
Wales	12	19%	30%	19%	30%	20%	31%	28%	55%	26%	53%	30%	57%
Scotland	26	13%	21%	13%	21%	13%	21%	16%	26%	15%	26%	16%	27%
Northern Ireland	11	24%	39%	24%	38%	26%	40%	34%	59%	32%	56%	37%	63%
Reduced Whole System													
UK	189	41%	57%	42%	57%	43%	58%	55%	77%	56%	77%	57%	79%
Country													
England	141	48%	65%	49%	66%	50%	67%	64%	87%	65%	88%	66%	90%
Wales	12	17%	28%	17%	28%	18%	30%	27%	54%	26%	51%	29%	56%
Scotland	26	23%	31%	23%	31%	24%	32%	29%	39%	28%	38%	30%	40%
Northern Ireland	11	24%	37%	24%	36%	26%	38%	34%	57%	31%	54%	36%	60%

Table H BMV agricultural land exposed to flooding - Significant (1in30)

BMV agricultural land exposed to flooding - Significant (1in30) - Hectares (000s)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	406	56%	86%	56%	86%	56%	86%	82%	142%	82%	142%	82%	143%
Country													
England	261	56%	90%	56%	90%	56%	90%	88%	151%	88%	151%	88%	152%
Wales	65	33%	50%	33%	50%	33%	50%	45%	106%	45%	106%	46%	107%
Scotland	69	61%	88%	61%	88%	62%	89%	80%	125%	80%	125%	80%	125%
Northern Ireland	11	149%	182%	150%	182%	150%	182%	177%	237%	176%	237%	178%	239%
Enhanced Whole System													
UK	406	56%	86%	56%	86%	56%	86%	81%	141%	81%	141%	82%	142%
Country													
England	261	56%	90%	56%	90%	56%	90%	87%	150%	87%	151%	88%	152%
Wales	65	33%	50%	33%	50%	33%	50%	44%	105%	44%	105%	44%	105%
Scotland	69	61%	88%	61%	88%	61%	88%	80%	125%	80%	125%	80%	125%
Northern Ireland	11	149%	182%	150%	182%	150%	183%	177%	237%	177%	236%	178%	239%
Reduced Whole System													
UK	406	57%	89%	57%	89%	57%	90%	86%	147%	86%	147%	86%	148%
Country													
England	261	58%	95%	58%	95%	58%	95%	94%	158%	94%	159%	94%	160%
Wales	65	33%	51%	33%	51%	33%	51%	47%	109%	47%	109%	47%	110%
Scotland	69	62%	89%	62%	89%	62%	89%	79%	125%	79%	125%	79%	125%
Northern Ireland	11	149%	182%	150%	182%	150%	182%	177%	237%	176%	237%	178%	239%

Table I Most important habitats exposed to flooding - Significant (1in30)

Most important habitats exposed to flooding - Significant (1in30) - Hectares (000s)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	369	40%	60%	40%	60%	40%	60%	54%	92%	54%	92%	54%	92%
Country													
England	67	35%	57%	35%	57%	35%	57%	58%	95%	58%	95%	58%	95%
Wales	68	25%	41%	25%	41%	25%	41%	41%	93%	41%	93%	41%	93%
Scotland	225	46%	67%	46%	67%	46%	67%	57%	90%	57%	90%	57%	90%
Northern Ireland	10	52%	70%	52%	70%	52%	70%	65%	104%	65%	104%	65%	105%
Enhanced Whole System													
UK	369	40%	60%	40%	60%	40%	60%	54%	92%	54%	92%	55%	92%
Country													
England	67	35%	57%	35%	57%	35%	57%	58%	93%	58%	93%	58%	93%
Wales	68	25%	41%	25%	41%	25%	41%	41%	93%	41%	93%	41%	93%
Scotland	225	46%	66%	46%	66%	46%	66%	57%	90%	57%	90%	57%	90%
Northern Ireland	10	52%	70%	52%	70%	52%	71%	65%	104%	65%	104%	65%	104%
Reduced Whole System													
UK	369	42%	63%	42%	63%	42%	63%	57%	95%	57%	95%	57%	95%
Country													
England	67	37%	60%	37%	60%	37%	60%	61%	94%	61%	94%	61%	94%
Wales	68	27%	47%	27%	47%	27%	47%	47%	100%	47%	100%	47%	100%
Scotland	225	47%	69%	47%	69%	47%	69%	59%	93%	59%	93%	59%	93%
Northern Ireland	10	52%	72%	52%	72%	52%	73%	66%	117%	66%	117%	66%	117%

Table J Category A infrastructure - Significant (1in75)

Category A infrastructure - Significant (1in75) - No.	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	2,373	21%	31%	21%	31%	22%	32%	30%	46%	30%	46%	32%	49%
Country													
England	1,452	29%	42%	29%	43%	30%	44%	41%	60%	41%	61%	42%	63%
Wales	309	4%	9%	4%	9%	6%	11%	8%	20%	7%	18%	11%	24%
Scotland	124	1%	4%	1%	3%	1%	4%	2%	7%	2%	7%	3%	7%
Northern Ireland	487	11%	18%	11%	18%	13%	21%	17%	31%	16%	30%	21%	36%
Enhanced Whole System													
UK	2,373	20%	31%	21%	31%	22%	33%	29%	46%	29%	46%	31%	49%
Country													
England	1,452	27%	40%	28%	41%	28%	41%	38%	57%	38%	58%	39%	59%
Wales	309	7%	12%	7%	12%	9%	14%	12%	24%	10%	22%	14%	28%
Scotland	124	2%	5%	2%	5%	3%	5%	4%	8%	4%	8%	4%	8%
Northern Ireland	487	14%	23%	14%	23%	16%	25%	21%	36%	19%	34%	24%	40%
Reduced Whole System													
UK	2,373	20%	30%	20%	31%	21%	32%	30%	46%	30%	46%	32%	49%
Country													
England	1,452	29%	43%	30%	44%	31%	45%	43%	63%	44%	64%	45%	65%
Wales	309	1%	7%	1%	7%	3%	9%	6%	18%	5%	16%	9%	22%
Scotland	124	-1%	1%	-1%	1%	-1%	1%	0%	4%	0%	4%	0%	4%
Northern Ireland	487	7%	14%	7%	14%	9%	16%	13%	27%	12%	25%	16%	31%

Note: Population change has no impact on Cat A infrastructure

Table K Category B infrastructure - Significant (1in75)

Category B infrastructure - Significant (1in75) - No.	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	6,822,048	-4%	-4%	1%	1%	15%	15%	-8%	-8%	-4%	-5%	24%	23%
Country													
England	5,972,144	-4%	-4%	3%	3%	16%	16%	-8%	-8%	-2%	-2%	25%	25%
Wales	481,258	-4%	-4%	-9%	-9%	8%	8%	-7%	-7%	-20%	-20%	13%	13%
Scotland	284,163	-5%	-4%	-11%	-10%	3%	5%	-9%	-9%	-25%	-25%	4%	4%
Northern Ireland	84,484	5%	5%	-4%	-4%	26%	26%	2%	2%	-24%	-25%	33%	32%
Enhanced Whole System													
UK	6,822,048	-4%	-4%	0%	0%	13%	13%	-8%	-8%	-6%	-6%	19%	18%
Country													
England	5,972,144	-4%	-4%	2%	2%	14%	13%	-8%	-9%	-4%	-4%	20%	20%
Wales	481,258	-4%	-4%	-9%	-9%	6%	6%	-7%	-7%	-21%	-21%	9%	9%
Scotland	284,163	-5%	-4%	-11%	-10%	1%	2%	-11%	-11%	-25%	-26%	-1%	-2%
Northern Ireland	84,484	5%	5%	-4%	-4%	23%	23%	2%	2%	-24%	-24%	29%	28%
Reduced Whole System													
UK	6,822,048	-4%	-4%	2%	2%	18%	18%	-7%	-8%	-3%	-4%	27%	27%
Country													
England	5,972,144	-4%	-4%	4%	4%	19%	19%	-8%	-8%	-1%	-1%	29%	29%
Wales	481,258	-4%	-4%	-8%	-8%	11%	11%	-7%	-7%	-20%	-20%	17%	17%
Scotland	284,163	-5%	-4%	-11%	-10%	6%	7%	-9%	-9%	-25%	-25%	7%	7%
Northern Ireland	84,484	5%	5%	-4%	-4%	29%	28%	2%	2%	-25%	-25%	36%	35%

Table L Expected Annual Damage: Total (direct and indirect) - By source

Expected Annual Damage: Total (direct and indirect) - By source - £m	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	33%	51%	38%	57%	47%	68%	42%	74%	47%	81%	69%	109%
Fluvial	266	8%	15%	13%	21%	17%	26%	4%	27%	11%	35%	21%	48%
Coastal	324	32%	71%	38%	78%	44%	86%	68%	138%	78%	153%	96%	180%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Enhanced Whole System													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	22%	38%	27%	44%	34%	52%	29%	57%	36%	66%	51%	86%
Fluvial	266	-15%	-9%	-11%	-5%	-9%	-2%	-19%	-2%	-14%	4%	-8%	11%
Coastal	324	15%	44%	20%	50%	23%	55%	40%	93%	48%	104%	59%	120%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Reduced Whole System													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	36%	54%	40%	60%	51%	72%	52%	87%	58%	95%	84%	128%
Fluvial	266	26%	36%	33%	43%	41%	52%	25%	54%	33%	63%	51%	85%
Coastal	324	60%	119%	68%	131%	78%	146%	119%	234%	132%	255%	165%	309%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%

Table M Exposed population (most socially vulnerable neighbourhoods)

Exposed population - (000)'s Population projection Climate future (rise in GMST by 2100)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	1,724	-5%	-5%	1%	1%	17%	17%	-9%	-9%	-4%	-4%	27%	27%
Country													
England	1,533	-5%	-5%	3%	3%	18%	18%	-9%	-9%	-2%	-2%	29%	29%
Wales	112	-4%	-4%	-8%	-8%	10%	10%	-7%	-7%	-20%	-20%	15%	15%
Scotland	55	-5%	-3%	-13%	-11%	3%	4%	-9%	-9%	-27%	-27%	2%	1%
Northern Ireland	25	4%	4%	-9%	-9%	22%	22%	1%	0%	-31%	-31%	26%	25%
Enhanced Whole System													
UK	1,724	-5%	-5%	0%	0%	13%	13%	-9%	-10%	-6%	-7%	20%	20%
Country													
England	1,533	-5%	-5%	1%	1%	14%	14%	-10%	-10%	-4%	-4%	21%	21%
Wales	112	-4%	-4%	-9%	-9%	7%	7%	-7%	-7%	-21%	-21%	11%	11%
Scotland	55	-5%	-4%	-13%	-11%	0%	2%	-11%	-12%	-28%	-29%	-4%	-5%
Northern Ireland	25	4%	4%	-9%	-9%	18%	18%	1%	0%	-31%	-31%	21%	20%
Reduced Whole System													
UK	1,724	-5%	-5%	2%	2%	20%	20%	-8%	-8%	-3%	-3%	32%	32%
Country													
England	1,533	-5%	-5%	4%	4%	21%	21%	-9%	-9%	0%	0%	34%	34%
Wales	112	-4%	-4%	-8%	-8%	12%	12%	-7%	-7%	-19%	-19%	19%	20%
Scotland	55	-5%	-3%	-13%	-11%	4%	6%	-8%	-8%	-28%	-28%	5%	5%
Northern Ireland	25	4%	4%	-9%	-9%	24%	24%	1%	0%	-31%	-31%	29%	28%

Table N People counts in bands - Significant (1in75) (most socially vulnerable neighbourhoods)

People counts in bands - Significant - (000)'s Population projection Climate future (rise in GMST by 2100)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	387	52%	86%	60%	94%	86%	125%	67%	106%	69%	110%	125%	179%
Country													
England	317	59%	97%	71%	111%	97%	143%	76%	119%	85%	131%	142%	203%
Wales	32	13%	24%	2%	13%	23%	36%	21%	52%	-5%	22%	39%	81%
Scotland	29	32%	38%	21%	26%	43%	49%	28%	36%	1%	7%	43%	52%
Northern Ireland	9	28%	48%	11%	29%	51%	75%	40%	73%	-7%	14%	76%	119%
Enhanced Whole System													
UK	387	23%	53%	27%	58%	46%	81%	34%	69%	32%	68%	73%	120%
Country													
England	317	24%	58%	32%	67%	50%	90%	38%	75%	42%	81%	82%	133%
Wales	32	14%	25%	3%	14%	23%	36%	22%	53%	-5%	22%	37%	78%
Scotland	29	13%	23%	3%	12%	21%	31%	7%	18%	-17%	-8%	15%	27%
Northern Ireland	9	28%	48%	11%	29%	47%	71%	40%	73%	-7%	14%	70%	111%
Reduced Whole System													
UK	387	66%	106%	76%	118%	106%	155%	101%	142%	107%	151%	181%	242%
Country													
England	317	75%	122%	90%	139%	121%	178%	117%	163%	131%	181%	209%	278%
Wales	32	13%	26%	2%	15%	24%	40%	23%	54%	-3%	25%	43%	88%
Scotland	29	32%	38%	20%	26%	45%	52%	31%	37%	2%	7%	50%	57%
Northern Ireland	9	28%	48%	11%	29%	54%	78%	40%	73%	-7%	14%	80%	125%

Table O Expected Annual Damage: Residential (Direct) (most socially vulnerable neighbourhoods)

UK	96	39%	64%	50%	78%	68%	99%	53%	107%	67%	126%	112%	184%
Country													
England	53	53%	86%	72%	109%	91%	131%	75%	148%	104%	187%	152%	250%
Wales	26	15%	27%	16%	29%	31%	46%	21%	45%	18%	42%	53%	87%
Scotland	11	27%	46%	34%	53%	48%	70%	27%	65%	30%	68%	65%	114%
Northern Ireland	6	38%	66%	34%	61%	65%	99%	54%	100%	27%	65%	105%	168%
Enhanced Whole System													
UK	96	16%	37%	25%	47%	36%	60%	25%	67%	37%	83%	65%	119%
Country													
England	53	23%	49%	37%	65%	48%	78%	38%	94%	60%	122%	88%	158%
Wales	26	8%	19%	11%	23%	22%	36%	9%	31%	13%	36%	36%	66%
Scotland	11	-7%	8%	-2%	13%	6%	23%	-8%	18%	-5%	21%	16%	49%
Northern Ireland	6	30%	56%	30%	55%	53%	83%	39%	80%	22%	59%	81%	134%
Reduced Whole System													
UK	96	55%	87%	69%	103%	94%	134%	82%	149%	100%	173%	165%	261%
Country													
England	53	75%	119%	100%	149%	129%	183%	116%	208%	157%	260%	232%	364%
Wales	26	25%	38%	24%	38%	44%	61%	33%	60%	26%	53%	70%	109%
Scotland	11	35%	59%	39%	64%	61%	89%	46%	98%	44%	94%	95%	164%
Northern Ireland	6	43%	72%	36%	63%	75%	111%	61%	117%	30%	73%	121%	199%

Table P Expected Annual Damage: Non-Residential (Direct) (most socially vulnerable neighbourhoods)

Expected Annual Damage: Non-Residential (Direct) - £m	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	138	16%	32%	16%	32%	16%	32%	27%	56%	27%	56%	27%	56%
Country													
England	104	21%	37%	21%	37%	21%	37%	32%	61%	32%	61%	32%	61%
Wales	9	-1%	10%	-1%	10%	-2%	9%	9%	33%	10%	34%	8%	33%
Scotland	16	-11%	0%	-11%	0%	-11%	0%	-6%	18%	-5%	18%	-6%	18%
Northern Ireland	10	23%	50%	23%	50%	23%	51%	42%	81%	42%	81%	42%	81%
Enhanced Whole System													
UK	138	-4%	9%	-4%	9%	-4%	9%	5%	27%	5%	27%	5%	26%
Country													
England	104	-1%	11%	-1%	11%	-1%	11%	8%	28%	8%	28%	7%	28%
Wales	9	-4%	6%	-4%	6%	-5%	6%	5%	27%	6%	28%	4%	28%
Scotland	16	-37%	-28%	-37%	-28%	-37%	-28%	-32%	-14%	-32%	-14%	-32%	-14%
Northern Ireland	10	20%	46%	20%	46%	20%	47%	37%	76%	37%	76%	38%	76%
Reduced Whole System													
UK	138	36%	57%	36%	57%	35%	57%	54%	95%	54%	95%	54%	95%
Country													
England	104	43%	65%	43%	65%	43%	65%	63%	104%	63%	104%	63%	104%
Wales	9	12%	26%	12%	27%	12%	26%	25%	55%	26%	55%	24%	55%
Scotland	16	3%	18%	3%	18%	3%	18%	13%	47%	13%	47%	13%	47%
Northern Ireland	10	28%	59%	28%	59%	28%	59%	48%	116%	48%	116%	49%	116%

Table Q Expected Annual Damage: Total (direct and indirect) (most socially vulnerable neighbourhoods)

Expected Annual Damage: Total (direct and indirect) - £m Population projection Climate future (rise in GMST by 2100)	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	416	26%	46%	31%	52%	39%	61%	38%	78%	45%	86%	64%	112%
Country													
England	277	33%	55%	40%	63%	46%	71%	47%	92%	58%	106%	75%	129%
Wales	64	11%	23%	12%	25%	24%	38%	18%	42%	16%	40%	43%	75%
Scotland	48	6%	20%	9%	24%	15%	31%	9%	39%	10%	41%	26%	61%
Northern Ireland	27	29%	56%	27%	54%	40%	70%	47%	88%	36%	75%	67%	115%
Enhanced Whole System													
UK	416	5%	21%	9%	26%	14%	31%	14%	44%	19%	51%	31%	67%
Country													
England	277	8%	25%	13%	31%	17%	35%	19%	52%	27%	62%	37%	75%
Wales	64	5%	16%	7%	19%	16%	29%	8%	30%	11%	34%	29%	57%
Scotland	48	-24%	-12%	-22%	-9%	-18%	-5%	-21%	0%	-20%	2%	-11%	14%
Northern Ireland	27	24%	50%	24%	50%	33%	61%	38%	77%	31%	69%	55%	99%
Reduced Whole System													
UK	416	44%	70%	50%	77%	61%	91%	66%	119%	74%	129%	103%	168%
Country													
England	277	55%	84%	64%	95%	74%	108%	82%	142%	97%	160%	124%	198%
Wales	64	22%	35%	21%	35%	37%	53%	31%	59%	26%	53%	60%	97%
Scotland	48	17%	36%	19%	39%	29%	50%	28%	70%	27%	68%	50%	99%
Northern Ireland	27	34%	64%	31%	60%	46%	80%	53%	116%	41%	99%	78%	149%

Table R Residential counts in bands - Significant (1in75) (most socially vulnerable neighbourhoods)

Residential counts in bands - Significant (1in75) - (000)'s	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	168	59%	94%	80%	119%	109%	154%	81%	123%	112%	161%	180%	246%
Country													
England	136	66%	107%	93%	138%	122%	174%	92%	138%	132%	188%	203%	276%
Wales	14	17%	28%	14%	26%	38%	53%	29%	61%	16%	50%	71%	123%
Scotland	14	37%	43%	41%	47%	66%	74%	37%	46%	33%	42%	87%	99%
Northern Ireland	4	33%	56%	23%	43%	67%	96%	51%	89%	12%	38%	113%	168%
Enhanced Whole System													
UK	168	27%	58%	42%	77%	63%	102%	43%	78%	63%	105%	111%	167%
Country													
England	136	29%	65%	48%	87%	68%	113%	48%	86%	75%	121%	123%	183%
Wales	14	16%	28%	15%	27%	37%	52%	27%	60%	16%	49%	67%	117%
Scotland	14	15%	25%	18%	29%	37%	49%	10%	22%	7%	19%	44%	60%
Northern Ireland	4	32%	54%	22%	43%	62%	89%	48%	84%	12%	38%	102%	153%
Reduced Whole System													
UK	168	74%	118%	100%	148%	134%	191%	121%	166%	162%	217%	255%	331%
Country													
England	136	85%	136%	116%	173%	152%	218%	140%	190%	194%	257%	292%	377%
Wales	14	18%	31%	15%	29%	40%	58%	32%	67%	19%	54%	78%	135%
Scotland	14	40%	46%	42%	49%	72%	79%	44%	52%	37%	45%	101%	112%
Northern Ireland	4	34%	57%	23%	43%	71%	101%	53%	91%	12%	38%	121%	177%

Table S Non-Residential counts in bands - Significant (1in75) (most socially vulnerable neighbourhoods)

Non-Residential counts in bands - Significant (1in75) - (000)'s	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	39	39%	58%	39%	58%	40%	59%	50%	74%	49%	73%	51%	75%
Country													
England	31	42%	62%	42%	63%	43%	63%	53%	76%	53%	76%	54%	78%
Wales	2	17%	28%	16%	27%	19%	29%	27%	55%	24%	51%	29%	58%
Scotland	3	33%	45%	33%	45%	34%	46%	40%	62%	38%	60%	40%	62%
Northern Ireland	2	26%	48%	25%	47%	27%	49%	42%	73%	39%	68%	44%	75%
Enhanced Whole System													
UK	39	18%	36%	18%	36%	19%	37%	25%	48%	25%	47%	26%	49%
Country													
England	31	17%	36%	18%	36%	18%	37%	24%	46%	24%	46%	25%	47%
Wales	2	19%	30%	18%	29%	20%	31%	28%	58%	25%	54%	31%	61%
Scotland	3	18%	31%	17%	30%	18%	31%	21%	43%	19%	41%	22%	44%
Northern Ireland	2	26%	48%	25%	47%	27%	49%	42%	73%	39%	68%	44%	75%
Reduced Whole System													
UK	39	50%	73%	51%	73%	51%	74%	73%	99%	73%	99%	74%	101%
Country													
England	31	56%	81%	57%	81%	57%	82%	81%	107%	82%	108%	83%	109%
Wales	2	17%	29%	17%	28%	19%	30%	28%	57%	25%	53%	30%	60%
Scotland	3	34%	46%	33%	45%	34%	46%	42%	63%	40%	61%	42%	63%
Northern Ireland	2	26%	48%	25%	47%	27%	49%	42%	73%	39%	68%	44%	75%

Table T Category A infrastructure - Significant (1in75) (most socially vulnerable neighbourhoods)

Category A infrastructure - Significant (1in75) - No.	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	188	24%	37%	24%	37%	27%	40%	33%	52%	32%	51%	38%	58%
Country													
England	79	34%	54%	36%	56%	37%	57%	47%	75%	49%	77%	50%	79%
Wales	61	17%	21%	17%	22%	21%	25%	21%	29%	20%	27%	28%	38%
Scotland	11	12%	14%	11%	13%	13%	15%	12%	20%	10%	18%	13%	21%
Northern Ireland	36	16%	31%	14%	30%	20%	36%	29%	51%	23%	44%	35%	56%
Enhanced Whole System													
UK	188	22%	35%	22%	35%	25%	38%	30%	49%	28%	47%	34%	54%
Country													
England	79	21%	41%	22%	43%	23%	44%	30%	57%	31%	59%	33%	61%
Wales	61	25%	30%	26%	30%	29%	34%	29%	38%	28%	36%	36%	46%
Scotland	11	13%	15%	12%	14%	14%	16%	13%	22%	11%	20%	14%	23%
Northern Ireland	36	21%	36%	19%	35%	25%	41%	34%	56%	28%	50%	41%	62%
Reduced Whole System													
UK	188	25%	41%	26%	42%	29%	45%	41%	61%	40%	60%	46%	67%
Country													
England	79	44%	71%	46%	72%	47%	74%	73%	102%	74%	104%	77%	107%
Wales	61	15%	19%	16%	20%	19%	24%	19%	27%	18%	26%	26%	36%
Scotland	11	10%	11%	10%	11%	11%	12%	10%	15%	9%	13%	11%	16%
Northern Ireland	36	6%	21%	4%	19%	10%	26%	19%	40%	13%	33%	25%	45%

Table U Category B infrastructure - Significant (1in75) (most socially vulnerable neighbourhoods)

Category B infrastructure - Significant (1in75) - No.	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Current Level of Adaptation (CLA)													
UK	1,724,262	-5%	-5%	1%	1%	17%	17%	-9%	-9%	-4%	-4%	27%	27%
Country													
England	1,532,992	-5%	-5%	3%	3%	18%	18%	-9%	-9%	-2%	-2%	29%	29%
Wales	111,617	-4%	-4%	-8%	-8%	10%	10%	-7%	-7%	-20%	-20%	15%	15%
Scotland	55,128	-5%	-3%	-13%	-11%	3%	4%	-9%	-9%	-27%	-27%	2%	1%
Northern Ireland	24,526	4%	4%	-9%	-9%	22%	22%	1%	0%	-31%	-31%	26%	25%
Enhanced Whole System													
UK	1,724,262	-5%	-5%	0%	0%	13%	13%	-9%	-10%	-6%	-7%	20%	20%
Country													
England	1,532,992	-5%	-5%	1%	1%	14%	14%	-10%	-10%	-4%	-4%	21%	21%
Wales	111,617	-4%	-4%	-9%	-9%	7%	7%	-7%	-7%	-21%	-21%	11%	11%
Scotland	55,128	-5%	-4%	-13%	-11%	0%	2%	-11%	-12%	-28%	-29%	-4%	-5%
Northern Ireland	24,526	4%	4%	-9%	-9%	18%	18%	1%	0%	-31%	-31%	21%	20%
Reduced Whole System													
UK	1,724,262	-5%	-5%	2%	2%	20%	20%	-8%	-8%	-3%	-3%	32%	32%
Country													
England	1,532,992	-5%	-5%	4%	4%	21%	21%	-9%	-9%	0%	0%	34%	34%
Wales	111,617	-4%	-4%	-8%	-8%	12%	12%	-7%	-7%	-19%	-19%	19%	20%
Scotland	55,128	-5%	-3%	-13%	-11%	4%	6%	-8%	-8%	-28%	-28%	5%	5%
Northern Ireland	24,526	4%	4%	-9%	-9%	24%	24%	1%	0%	-31%	-31%	29%	28%

Table V Expected Annual Damage: Total (direct and indirect) - By source (most socially vulnerable neighbourhoods)

Expected Annual Damage: Total (direct and indirect) - By source - £m	Present day	2050						2080					
		None		Low		High		None		Low		High	
		2	4	2	4	2	4	2	4	2	4	2	4
Population projection													
Climate future (rise in GMST by 2100)													
Current Level of Adaptation (CLA)													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	33%	51%	38%	57%	47%	68%	42%	74%	47%	81%	69%	109%
Fluvial	266	8%	15%	13%	21%	17%	26%	4%	27%	11%	35%	21%	48%
Coastal	324	32%	71%	38%	78%	44%	86%	68%	138%	78%	153%	96%	180%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Enhanced Whole System													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	22%	38%	27%	44%	34%	52%	29%	57%	36%	66%	51%	86%
Fluvial	266	-15%	-9%	-11%	-5%	-9%	-2%	-19%	-2%	-14%	4%	-8%	11%
Coastal	324	15%	44%	20%	50%	23%	55%	40%	93%	48%	104%	59%	120%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Reduced Whole System													
UK	54	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%
Country													
Surface water	1,340	36%	54%	40%	60%	51%	72%	52%	87%	58%	95%	84%	128%
Fluvial	266	26%	36%	33%	43%	41%	52%	25%	54%	33%	63%	51%	85%
Coastal	324	60%	119%	68%	131%	78%	146%	119%	234%	132%	255%	165%	309%
Groundwater	111	24%	28%	24%	28%	24%	28%	50%	75%	50%	75%	50%	75%