#### Appendix C





#### Dual Sensory Loss in Scotland

Individual Local Authorities report

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The data in this supplemental report is based on Table 1 (see table 1 of this document) of Robertson and Emerson's 2010  $^{1}$  report and the Scottish Government's Population Estimates Detailed (Current Geographic Boundaries).

This geographical based data comes in 2 forms: in age groups of 5 years and in a broad spectrum "young", working people and "old".

We used the 5 year intervals and matched these age groups to the 10 year age groups in the Robertson and Emerson report.

The newest and most detailed data comes in small regional statistical sections, so-called data zones (the Scottish Governments smallest unit of geographical area, where data is published).

<sup>&</sup>lt;sup>1</sup>Robertson, Janet and Emerson, Eric (2010) Estimating the number of people with co-occurring vision and hearing impairments in the UK. Centre for Disability Research, Lancaster University, Lancaster.

Table 1: First table in Robertson, Janet and Emerson, Eric (2010) . https://eprints.lancs.ac.uk/id/eprint/53364/. All data in %.

	138	men	,	women
age	lower	upper	lower	upper
0-9	0.052	0.334	0.02	0.085
10-19	0.016	0.11	0.029	0.047
20-29	0.036	0.063	0.034	0.124
30-39	0.009	0.066	0.013	0.056
40-49	0.02	0.128	0.029	0.223
50-59	0.053	0.498	0.043	0.316
60-69	0.499	1.253	0.073	0.471
70-79	0.413	1.064	0.628	1.445
80-89	1.77	4.029	1.305	4.419
90+	12.623	12.757	5.571	13.405

# Aberdeen City

		1. W. A.				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	40	23	6	10	6	2
10-19	12	7	2	5	4	3
20-29	12	10	7	24	16	7
30-39	14	8	2	10	6	2
40-49	19	11	3	31	18	4
50-59	69	38	7	45	26	6
60-69	144	101	58	55	32	9
70-79	80	56	31	125	90	54
80-89	128	92	56	222	144	66
90+	64	64	63	158	112	66
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Table 2: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Aberdeen City. upper=upper boundary, lower= lower boundary

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### **Nberdeenshire**

		170 W				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	50	29	8	12	8	3
10-19	17	10	2	7	6	4
20-29	8	6	5	14	9	4
30-39	10	6	1	9	6	2
40-49	23	14	4	40	22	5
50-59	98	54	10	64	36	9
60-69	202	141	80	78	45	12
70-79	125	86	48	182	130	79
80-89	181	130	80	265	172	78
90+	80	80	79	178	126	74
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Table 3: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Aberdeenshire. upper=upper boundary, lower= lower boundary

Table 4: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Angus. upper=upper boundary, lower= lower boundary

# Argyll and Bute

		1 5 0 kg				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	13	8	2	3	2	1
10-19	5	3	1	2	2	1
20-29	3	2	2	4	2	1
30-39	3	2	0	2	2	1
40-49	6	4	1	11	6	1
50-59	33	18	4	22	12	3
60-69	79	55	31	31	18	5
70-79	53	37	21	80	58	35
80-89	82	59	36	124	80	37
90+	35	35	35	73	52	30
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Table 5: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Argyll and Bute. upper=upper boundary, lower= lower boundary

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# City of Edinburgh

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	86	50	13	21	13	5
10-19	27	16	4	11	9	7
20-29	29	23	17	64	41	18
30-39	31	18	4	27	16	6
40-49	43	25	77.6	74	42	10
50-59	156	86	17	99	56	13
60-69	300	210	120	120	70	19
70-79	170	118	66	277	198	120
80-89	291	210	128	489	317	145
90+	158	157	156	382	270	159
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Table 6: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in City of Edinburgh. upper=upper boundary, lower= lower boundary

# Clackmannanshire

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	9	5	1	2	2	1
10-19	3	2	0	1	1	1
20-29	2	2	1	3	2	1
30-39	2	1	0	2	1	0
40-49	4	2	14.6	8	4	1
50-59	20	11	2	13	8	2
60-69	39	28	16	16	9	2
70-79	26	18	10	40	28	17
80-89	34	24	15	50	32	15
90+	18	18	17	33	24	14
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Table 7: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Clackmannanshire. upper=upper boundary, lower= lower boundary

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# Dumfries and Galloway

		- 1 To be				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	23	14	4	6	4	1
10-19	9	5	1	3	2	2
20-29	5	4	3	9	6	2
30-39	5	3	1	4	2	1
40-49	10	6	11/2	19	10	2
50-59	57	32	6	39	22	5
60-69	135	94	54	53	30	8
70-79	94	65	36	137	98	60
80-89	152	110	67	210	136	62
90+	67	67	67	137	97	57
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Table 8: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Dumfries and Galloway. upper=upper boundary, lower= lower boundary

# **Dundee City**

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	26	15	4	6	4	1
10-19	9	5	1	4	3	2
20-29	8	6	5	17	11	5
30-39	7	4	1	6	4	1
40-49	10	6	17.00	18	10	2
50-59	44	24	5	31	18	4
60-69	95	66	38	38	22	6
70-79	56	39	22	93	66	40
80-89	98	70	43	164	106	48
90+	48	48	48	119	84	49
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Table 9: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Dundee City. upper=upper boundary, lower= lower boundary

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# East Ayrshire

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	22	12	3	5	3	1
10-19	7	4	1	3	2	2
20-29	4	3	2	8	5	2
30-39	5	3	1	4	2	1
40-49	9	5	17.6	17	10	2
50-59	45	25	5	31	18	4
60-69	96	67	38	38	22	6
70-79	59	41	23	91	65	39
80-89	89	64	39	132	86	39
90+	34	34	34	84	60	35
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Table 10: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Ayrshire. upper=upper boundary, lower= lower boundary

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## East Dunbartonshire

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	20	12	3	5	3	1
10-19	7	4	1	3	2	2
20-29	4	3	2	6	4	2
30-39	4	2	0	3	2	1
40-49	8	4	14	16	9	2
50-59	39	22	4	28	16	4
60-69	85	60	34	35	20	5
70-79	53	37	21	88	63	38
80-89	100	72	44	156	101	46
90+	46	46	45	101	72	42
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Table 11: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Dunbartonshire. upper=upper boundary, lower= lower boundary

Table 12: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Lothian. upper=upper boundary, lower= lower boundary

#### East Renfrewshire

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	20	12	3	5	3	1
10-19	7	4	1	3	2	2
20-29	3	2	2	6	4	2
30-39	3	2	0	3	2	1
40-49	8	4	17.	15	8	2
50-59	33	18	3	24	14	3
60-69	69	48	27	29	16	4
70-79	41	28	16	70	50	30
80-89	73	52	32	122	79	36
90+	38	38	37	93	66	39
4 - 1 04 000				THE RESIDENCE	10	

Table 13: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Renfrewshire. upper=upper boundary, lower= lower boundary

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		1700×				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	29	17	5	7	4	2
10-19	10	6	1	4	4	3
20-29	6	4	3	11	7	3
30-39	6	4	1	6	4	1
40-49	14	8	2	25	14	3
50-59	61	34	6	40	22	5
60-69	115	80	46	47	27	7
70-79	72	50	28	109	78	47
80-89	106	76	47	169	110	50
90+	48	48	48	102	72	43
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Table 14: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Falkirk. upper=upper boundary, lower= lower boundary

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		1 TO No. 1				
		men	_ V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	67	38	10	16	10	4
10-19	24	14	3	10	8	6
20-29	14	11	8	28	18	8
30-39	14	8	2	13	8	3
40-49	28	16	4	53	30	7
50-59	133	74	14	90	51	12
60-69	284	198	113	114	66	18
70-79	184	128	71	283	203	123
80-89	273	196	120	420	272	124
90+	132	131	130	297	210	123

Table 15: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Fife. upper=upper boundary, lower= lower boundary

# Glasgow City

		175 W 45				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	111	64	17	27	16	6
10-19	34	20	5	14	12	9
20-29	38	30	22	75	48	21
30-39	39	22	5	31	19	7
40-49	48	28	8	84	48	11
50-59	190	105	20	134	76	18
60-69	356	249	142	147	85	23
70-79	179	124	69	291	208	126
80-89	270	194	119	538	348	159
90+	130	130	129	388	274	161
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Table 16: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Glasgow City. upper=upper boundary, lower= lower boundary

lower

average

upper

men

average

Table 17: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010
and the Scottish Government'ss most recent age structured population estimates (Population
Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in
Highland. upper=upper boundary, lower= lower boundary

lower

women

upper

Age

0-9

90+

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	13	8	2	3	2	1
10-19	5	3	1	2	2	1
20-29	3	2	2	5	3	1
30-39	3	2	0	3	2	1
40-49	5	3	11	11	6	1
50-59	30	16	3	21	12	3
60-69	62	44	25	26	15	4
70-79	37	26	14	59	42	26
80-89	53	38	23	100	65	30
90+	26	26	26	68	48	28
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Table 18: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Inverclyde. upper=upper boundary, lower= lower boundary

# Midlothian

		1 NO A				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	20	12	3	5	3	1
10-19	6	4	1	2	2	1
20-29	3	2	2	7	4	2
30-39	4	2	1	4	2	1
40-49	7	4	11/4	14	8	2
50-59	31	17	3	22	12	3
60-69	66	46	26	27	16	4
70-79	42	29	16	65	46	28
80-89	57	41	25	92	60	27
90+	27	27	27	55	39	23
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Table 19: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Midlothian. upper=upper boundary, lower= lower boundary

women

men

Table 20: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Moray. upper=upper boundary, lower= lower boundary

Table 21: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Na h-Eileanan Siar. upper=upper boundary, lower= lower boundary

# North Ayrshire

		170 W				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	23	14	4	5	3	1
10-19	8	4	1	3	2	2
20-29	5	4	3	9	6	3
30-39	4	2	1	4	2	1
40-49	9	5	114	19	10	2
50-59	48	26	5	35	20	5
60-69	111	78	44	46	26	7
70-79	72	50	28	114	82	50
80-89	107	77	47	163	106	48
90+	40	40	39	106	75	44
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Table 22: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in North Ayrshire. upper=upper boundary, lower= lower boundary

#### North Lanarkshire

		STORY AS				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	64	37	10	16	10	4
10-19	23	13	3	9	8	6
20-29	13	10	8	25	16	7
30-39	14	8	2	13	8	3
40-49	28	16	4	51	29	7
50-59	125	69	13	85	48	12
60-69	234	164	93	99	57	15
70-79	133	92	52	218	156	95
80-89	194	140	85	331	214	98
90+	75	74	74	171	121	71
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Table 23: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in North Lanarkshire. upper=upper boundary, lower= lower boundary

# Orkney Islands

		A CONTRACTOR OF THE PROPERTY O				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	4	2	1	1	0	0
10-19	1	0	0	1	0	0
20-29	1	0	0	1	0	0
30-39	1	0	0	1	0	0
40-49	2	1	0	3	2	0
50-59	9	5	1	6	4	1
60-69	20	14	8	7	4	1
70-79	13	9	5	19	14	8
80-89	22	16	10	28	18	8
90+	11	11	11	21	15	9
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Table 24: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Orkney Islands. upper=upper boundary, lower= lower boundary

# Perth and Kinross

		1798 A				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	25	14	4	6	4	1
10-19	9	5	1	4	3	2
20-29	5	4	3	9	6	3
30-39	6	4	1	5	3	1
40-49	11	6	2	21	12	3
50-59	57	32	6	38	22	5
60-69	126	88	50	49	28	8
70-79	82	57	32	124	89	54
80-89	145	104	64	207	134	61
90+	775	74	74	165	116	68
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Table 25: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Perth and Kinross. upper=upper boundary, lower= lower boundary

### Renfrewshire

		170 W				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	32	18	5	8	5	2
10-19	11	6	2	4	4	3
20-29	7	6	4	14	9	4
30-39	8	4	-1	7	4	2
40-49	13	8	2	25	14	3
50-59	66	36	7	46	26	6
60-69	131	92	52	53	30	8
70-79	75	52	29	123	88	53
80-89	119	86	52	202	131	60
90+	65	64	64	126	90	53
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Table 26: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Renfrewshire. upper=upper boundary, lower= lower boundary

### Scottish Borders

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	20	12	3	5	3	1
10-19	7	4	1	3	2	2
20-29	3	2	2	7	4	2
30-39	3	2	0	3	2	1
40-49	8	4	1	16	9	2
50-59	46	26	5	30	17	4
60-69	104	72	41	41	24	6
70-79	71	49	27	103	74	45
80-89	108	78	47	159	103	47
90+	44	44	43	95	68	40

Table 27: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Scottish Borders. upper=upper boundary, lower= lower boundary

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#### Shetland Islands

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	4	2	1	1	0	0
10-19	2	1	0	1	0	0
20-29	1	0	0	1	0	0
30-39	1	0	0	1	0	0
40-49	2	11	0	3	2	0
50-59	9	5	1	5	3	1
60-69	18	12	7	7	4	1
70-79	12	8	5	16	12	7
80-89	18	13	8	24	16	7
90+	7	7	7	17	12	7
A STATE OF THE STA	N 200 - 227	Annual Company of the	7	The latest		

Table 28: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Shetland Islands. upper=upper boundary, lower= lower boundary



# South Ayrshire

		A.S.				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	18	10	3	4	2	1
10-19	6	4	1	3	2	2
20-29	4	3	2	7	4	2
30-39	3	2	0	3	2	1
40-49	8	4	14.	15	8	2
50-59	41	22	4	29	16	4
60-69	97	68	39	41	24	6
70-79	67	46	26	103	74	45
80-89	106	76	47	164	106	49
90+	51	50	50	117	82	48
4-1-4-1	A IN ( ) XII			The sections		

Table 29: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in South Ayrshire. upper=upper boundary, lower= lower boundary

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## South Lanarkshire

		1 NO 4				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	59	34	9	14	8	3
10-19	19	.11	3	8	6	5
20-29	12	10	7	22	14	6
30-39	12	7	2	11	7	3
40-49	26	15	4	47	26	6
50-59	119	66	13	81	46	11
60-69	248	174	99	102	59	16
70-79	142	98	55	224	160	97
80-89	213	154	94	357	231	105
90+	91	90	90	226	160	94
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Table 30: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in South Lanarkshire. upper=upper boundary, lower= lower boundary

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	15	8	2	4	2	1
10-19	6	4	1	3	2	2
20-29	4	3	2	9	6	2
30-39	3	2	0	3	2	1
40-49	7	4	11	13	8	2
50-59	34	19	4	23	13	3
60-69	67	47	27	26	15	4
70-79	42	29	16	66	48	29
80-89	70	50	31	106	68	31
90+	27	27	27	73	52	30

Table 31: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Stirling. upper=upper boundary, lower= lower boundary

## West Dunbartonshire

		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	16	10	3	4	2	1
10-19	5	3	1	2	2	1
20-29	3	2	2	7	4	2
30-39	4	2	0	3	2	1
40-49	6	4	114	12	7	2
50-59	32	18	3	23	13	3
60-69	68	48	27	29	16	4
70-79	37	26	14	60	43	26
80-89	53	38	23	97	63	29
90+	22	22	22	54	38	22
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Table 32: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in West Dunbartonshire. upper=upper boundary, lower= lower boundary

#### West Lothian

		The second second				
		men	V	vomen		
Age	upper	average	lower	upper	average	lower
0-9	37	22	6	9	6	2
10-19	13	8	2	5	4	3
20-29	7	6	4	13	8	3
30-39	8	4	1	7	4	2
40-49	16	9	2	28	16	4
50-59	67	37	7	45	26	6
60-69	122	86	49	49	28	8
70-79	73	50	28	113	81	49
80-89	104	74	45	156	101	46
90+	45	45	45	90	64	37
A THE PERSON		A 77 10 100				

Table 33: Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in West Lothian. upper=upper boundary, lower= lower boundary

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<sup>&</sup>lt;sup>2</sup>Robertson, Janet; Emerson, Eric. / Estimating the number of people with co-occurring vision and hearing impairments in the UK. Lancaster: Centre for Disability Research, Lancaster University, 2010. 31 p.

#### **List of Tables**

1	First table in Robertson, Janet and Emerson, Eric (2010). https://eprints.lancs.ac.uk/id/eprint/53364/.	2
2	All data in %	2
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Aberdeen City. upper=upper boundary, lower= lower boundary.	3
3	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age struc-	ر ا
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Aberdeenshire. upper=upper boundary, lower= lower	
4	boundary	4
5	per=upper boundary, lower= lower boundary Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Argyll and	5
	Bute. upper=upper boundary, lower= lower bound- ary	6

6	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in City of Edinburgh. upper=upper boundary, lower= lower	
7	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Clackmannanshire. upper=upper boundary, lower= lower	7
8	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Dumfries and Galloway. upper=upper boundary, lower= lower boundary	9
9	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the	
	Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Dundee City. upper=upper boundary, lower= lower boundary.	10
10	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Ayrshire.	11
	upper=upper boundary, lower= lower boundary.	-11

11	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in East Dunbartonshire. upper=upper boundary, lower= lower	
	boundary	12
12	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) up-	
13	per, mean and lower boundaries in East Lothian.	13
	based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) up-	
	per, mean and lower boundaries in East Ren- frewshire. upper=upper boundary, lower= lower boundary	14
14	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age struc-	
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Falkirk. upper=upper boundary, lower= lower boundary.	15
15	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age struc-	_5
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Fife. upper=upper boundary, lower= lower boundary.	16
	per apper boardary, lower – lower boardary	TO

16 Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Glasgow City. upper=upper boundary, lower= lower boundary . 17 Estimated people with Dual Sensory Loss in 2022 17 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Highland, upper=upper boundary, lower= lower boundary . . 18 18 Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Inverclyde. upper=upper boundary, lower= lower boundary . 19 Estimated people with Dual Sensory Loss in 2022 19 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Midlothian. upper=upper boundary, lower= lower boundary . 20 Estimated people with Dual Sensory Loss in 2022 20 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Moray. up-

per=upper boundary, lower= lower boundary . . 21

21	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Na h-Eileanan Siar. upper=upper boundary, lower= lower bound-	
	ary	22
22	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in North Ayr-	
	shire. upper=upper boundary, lower= lower	2.2
23	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates	23
	Detailed (Current Geographic Boundaries)) up- per, mean and lower boundaries in North La- narkshire. upper=upper boundary, lower= lower	2.4
24	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the	24
	Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Orkney Islands. upper=upper boundary, lower= lower boundary	25
	boundary in	

25	based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Perth and Kinross. upper=upper boundary, lower= lower	
26	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Renfrewshire.	26
27	upper=upper boundary, lower= lower boundary. Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Scottish Bor-	27
28	ders. upper=upper boundary, lower= lower boundary	28
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in Shetland Islands. upper=upper boundary, lower= lower boundary	29
29	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the	
	Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in South Ayrshire. upper=upper boundary, lower= lower boundary	30

30	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in South Lanarkshire. upper=upper boundary, lower= lower	
31	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates	31
	Detailed (Current Geographic Boundaries)) up- per, mean and lower boundaries in Stirling. up-	22
32	per=upper boundary, lower= lower boundary Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age structured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) up-	32
	per, mean and lower boundaries in West Dunbartonshire. upper=upper boundary, lower= lower boundary	33
33	Estimated people with Dual Sensory Loss in 2022 based on Robertson & Emerson 2010 and the Scottish Government'ss most recent age struc-	
	tured population estimates (Population Estimates Detailed (Current Geographic Boundaries)) upper, mean and lower boundaries in West Lothian. upper=upper boundary, lower= lower boundary.	34

