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Democracy, Governance and Service Delivery

Public Perceptions of Nuclear Science in South Africa, 2013 Tabulation Report

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1. Background to the study

1.1. Introduction

The objective of this study is to give an overview of public perceptions on various aspects of nuclear technology and energy in South Africa, with the aim of providing a more detailed understanding of both the extent and nature of knowledge and attitudes towards this scientific subject matter.

The empirical results contained in the report are structured around the following thematic issues:

- Knowledge of Nuclear Technology
- Perceived Benefits and Concerns Associated with Nuclear Technology
- Support for Different Applications of Nuclear Technology
- Perceptions of Nuclear Energy
- Perceptions of Nuclear Safety
- Views on Nuclear Energy in a Global Context
- Information on Nuclear Energy
- Final Assessment of Nuclear Energy and Technology

1.2. Research Universe

The target population for the survey is South Africans aged 16 and over. Specifically, the target population comprised people living in households, hostels and other structures. People living in special institutions such as hospitals and prisons were excluded from the sample. The inclusion of people from these institutions would have compromised the random selection procedure. Also, past experience has shown that access to people in these institutions is extremely difficult, since obtaining permission can be cumbersome and complex.

1.3. Sample Design

The survey has been designed to yield a representative sample of adults aged 16 and older. The sampling frame used for the survey is based on the 2011 census and a set of small area layers (SALs). Estimates of the population numbers for various categories of the census variables were obtained per SAL. In this sampling frame special institutions (such as hospitals, military camps, old age homes, schools and university hostels) as well as recreational areas, industrial areas and vacant SALs were excluded prior to the drawing of the sample.

In the sampling, small area layers (SALs) were used as primary sampling units (PSUs) and the estimated number of dwelling units (taken as visiting points) in the SALs as secondary sampling units. In the first sampling stage PSUs (SALs) were drawn with probability proportional to size, using the estimated number of dwelling units (DUs) in an SAL (PSU) as measure of size (MOS). The DU as secondary sampling unit has been defined as "separate (non-vacant)

residential stands, addresses, structures, flats, homesteads, etc.” In the second sampling stage a predetermined number of individual dwelling units (or visiting points) were drawn with equal probability in each of the drawn DUs. Finally, in the third sampling stage a person was drawn with equal probability from all 16 year and older persons in the drawn DU.

Three explicit stratification variables were used in the sampling, namely province, geographic type and majority population group. Within each stratum, the allocated number of PSUs (which could differ between different strata) was drawn using proportional to size probability sampling with the estimated number of dwelling units in the PSU as measure of size (MOS). In each of these drawn PSUs, 7 dwelling units were drawn.

1.4. Data Weighting

A total of 2 739 people were interviewed during this study. The final data set was given to the statistician for benchmarking and weighting purposes. When weighted, this number represents 36 493 490 South Africans of 16 years and older. The data was weighted to the 2011 census population estimates.

2. National Level Results (Weighted %, Unweighted N)

2.1. Knowledge of Nuclear Technology

		N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	113	4.6
	Somewhat knowledgeable	495	18.0
	Not very knowledgeable	524	19.3
	Not at all knowledgeable	975	33.1
	(Do not know)	619	25.0
	Total	2726	100.0
37. South Africa has a nuclear power station in the Western Cape	True	970	32.6
	False	287	11.4
	(Do not know)	1463	55.9
	Total	2720	100.0
38. South Africa has never built nuclear weapons	True	447	16.9
	False	757	26.1
	(Do not know)	1511	57.1
	Total	2715	100.0
39. South Africa has a nuclear research Centre in North West province	True	631	22.1
	False	377	14.2
	(Do not know)	1706	63.7
	Total	2714	100.0

2.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		Cell %	N
40. What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	16.7	493
	Less harmful to the environment than other energy sources	7.9	192
	Cost-efficient alternative	6.7	222
	Energy production efficiency	14.0	427
	Plentiful/renewable	3.2	100
	It is a non-fossil fuel	6.8	200
	It is a safe technology/energy source	6.4	165
	Creates jobs/helps economy	11.7	365
	Advanced technology/research	8.6	230
	Produces power/electricity/energy	16.3	514
	Other (specify)	.4	14
	None/no benefits	9.7	218
	(Do not know / no answer)	49.8	1302

Multiple response table		Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	12.9	436
	The safety of nuclear power plants	16.6	507
	The disposal of nuclear waste	12.9	416
	The environmental effects of producing nuclear electricity	11.0	299
	Lack of knowledge of implications	9.4	253
	Weapons/warfare	12.5	351
	Misuse/abuse of nuclear technology	6.9	232
	The cost of nuclear-generated electricity	7.7	203
	Dangerous/frightening	12.0	383
	Lack of controls/regulations	5.2	157
	Incompetence/ improperly managed	3.9	119
	Overall negative/against it	2.6	64
	Other (specify)	.4	8
	None/no concerns	7.1	192
	(Do not know / no answer)	47.7	1227

2.3. Support for Different Applications of Nuclear Technology

42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	252	9.4
	Agree	758	26.3
	Neither agree nor disagree	261	9.8
	Disagree	244	8.9
	Strongly disagree	75	3.2
	(Do not know)	1122	42.3
	Total	2712	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	332	12.8
	Agree	919	30.6
	Neither agree nor disagree	225	8.7
	Disagree	134	4.9
	Strongly disagree	53	2.5
	(Do not know)	1045	40.5
	Total	2708	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	177	6.9
	Agree	639	22.1
	Neither agree nor disagree	358	13.0
	Disagree	249	8.7
	Strongly disagree	89	3.4
	(Do not know)	1192	45.9
	Total	2704	100.0
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	141	6.1
	Agree	480	17.2
	Neither agree nor disagree	236	8.9
	Disagree	441	14.0
	Strongly disagree	280	10.2
	(Do not know)	1131	43.7
	Total	2709	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	307	10.1
	Agree	669	22.0
	Neither agree nor disagree	265	10.8
	Disagree	187	6.8
	Strongly disagree	84	3.4
	(Do not know)	1201	46.9
	Total	2713	100.0

2.4. Perceptions of Nuclear Energy

		N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	152	5.4
	Mainly favourable	360	12.2
	Neither favourable nor unfavourable	597	22.2
	Mainly unfavourable	185	6.3
	Very unfavourable	318	11.8
	(Do not know)	1088	42.0
	Total	2700	100.0

Multiple response table		Cell %	N
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	13.9	481
	Risk of accidents	29.3	871
	Risk of radiation or contamination	18.6	571
	General impact on the environment	15.3	445
	Cost is too high	13.5	351
	Nuclear power stations are ugly to look at	2.9	83
	Other (Specify)	.8	20
	None (there are no disadvantages to nuclear energy)	5.0	122
	(Do not know)	46.4	1183

Multiple response table		Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	10.0	278
	Helps to combat climate change	13.4	365
	It ensures a reliable supply of electricity	19.6	586
	It is a cleaner source of energy with less impact on the environment	8.8	245
	Only a small amount of waste is produced	6.3	169
	It is a proven technology that already exists	11.9	328
	It uses less fossil fuels or natural resources	5.0	176
	It offers an unlimited supply of power	10.8	373
	Other (Specify)	.7	17
	None (there are no benefits to nuclear energy)	10.0	230
	(Do not know)	49.0	1303

		N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	237	8.6
	Agree	826	27.5
	Neither agree nor disagree	290	9.9
	Disagree	203	7.7
	Strongly disagree	56	2.8
	(Do not know)	1104	43.4
	Total	2716	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	279	8.8
	Agree	724	26.0
	Neither agree nor disagree	343	13.1
	Disagree	194	6.6
	Strongly disagree	100	4.1
	(Do not know)	1075	41.4
	Total	2715	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	244	9.4
	Agree	647	21.5
	Neither agree nor disagree	423	15.3
	Disagree	203	7.3
	Strongly disagree	47	1.8
	(Do not know)	1148	44.7
	Total	2712	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	248	8.1
	Agree	634	23.0
	Neither agree nor disagree	375	14.0
	Disagree	220	7.5
	Strongly disagree	74	2.6
	(Do not know)	1159	44.9
	Total	2710	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	361	13.9
	Maintained the same	723	26.4
	Increased	397	12.7
	(Do not know)	1228	47.1
	Total	2709	100.0

2.5. Perceptions of Nuclear Safety

		N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	314	11.7
	Some risk	618	21.4
	Not much of a risk	393	14.7
	No risk at all	189	6.1
	(Do not know)	1202	46.1
	Total	2716	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	192	6.5
	Agree	556	19.5
	Neither agree nor disagree	527	19.2
	Disagree	156	5.2
	Strongly disagree	45	1.7
	(Do not know)	1239	48.0
Total	2715	100.0	
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	133	5.3
	Somewhat exaggerated	406	14.6
	Somewhat underestimated	445	14.9
	Strongly underestimated	130	4.9
	Nuclear risks are perceived correctly	255	8.3
	(Do not know)	1346	52.0
Total	2715	100.0	
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	343	11.3
	Somewhat concerned	557	20.5
	A little concerned	387	13.3
	Not at all concerned	386	14.8
	(Do not know)	1036	40.1
	Total	2709	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	94	4.4
	Enough	488	18.7
	Too little	461	15.3
	Far too little	304	10.0
	(Do not know)	1351	51.7
	Total	2698	100.0

2.6. Views on Nuclear Energy in a Global Context

		N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	420	14.3
	Agree	726	24.1
	Neither agree nor disagree	306	11.1
	Disagree	249	9.7
	Strongly disagree	40	1.7
	(Do not know)	970	39.2
	Total	2711	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	72	3.3
	Agree	285	11.2
	Neither agree nor disagree	321	12.3
	Disagree	610	18.6
	Strongly disagree	387	12.6
	(Do not know)	1034	42.0
	Total	2709	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	407	13.6
	Agree	774	26.4
	Neither agree nor disagree	320	11.8
	Disagree	110	3.9
	Strongly disagree	31	1.0
	(Do not know)	1066	43.3
	Total	2708	100.0

2.7. Information on Nuclear Energy

		N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	379	13.2
	South African Nuclear Energy Corporation Ltd	481	14.0
	Regional and local authorities	24	1.2
	Energy companies that operate nuclear power plants	171	6.4
	Schools	51	2.7
	The African Union	14	.5
	Scientists	216	8.5
	Non-governmental organisations (NGOs)	76	2.8
	International organisations working on issues of nuclear technology	56	2.0
	Journalists (TV, radio, newspapers)	201	7.2
	Friends and family	55	1.8
	Other	10	.7
	None	121	4.5
	(Do not know)	847	34.5
Total	2702	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	305	13.4
	No	1815	63.3
	(Do not know)	560	23.3
	Total	2680	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	1127	38.3
	No	508	20.3
	(Do not know)	1065	41.4
	Total	2700	100.0

2.8. Final Assessment of Nuclear Energy and Technology

		N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. ad a benefit or a risk?	More as a benefit	444	15.9
	More as a risk	553	20.6
	Neither/indifferent	613	20.9
	(Do not know)	1089	42.6
	Total	2699	100.0

3. Results Disaggregated by Age Group (Weighted %, Unweighted N)

3.1. Knowledge of Nuclear Technology

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	18	8.9	35	6.5	21	3.4	18	3.2	9	3.2	5	1.8	7	3.3	113	4.6
	Somewhat knowledgeable	64	20.9	117	19.7	106	19.2	83	16.1	46	16.4	53	12.0	26	14.1	495	18.0
	Not very knowledgeable	51	19.7	131	24.0	113	19.7	86	18.4	58	13.2	56	18.1	29	9.4	524	19.3
	Not at all knowledgeable	62	28.0	193	30.1	209	33.5	168	33.6	127	36.5	116	36.6	99	43.2	974	33.0
	(Do not know)	38	22.6	114	19.7	131	24.2	101	28.7	79	30.6	85	31.5	70	30.1	618	25.0
	Total	233	100.0	590	100.0	580	100.0	456	100.0	319	100.0	315	100.0	231	100.0	2724	100.0
37. South Africa has a nuclear power station in the Western Cape	True	86	30.5	205	35.6	182	28.7	168	30.3	128	41.0	122	34.9	79	27.0	970	32.7
	False	34	16.7	78	15.9	69	11.8	42	7.7	31	7.7	22	4.2	11	5.0	287	11.4
	(Do not know)	111	52.9	306	48.5	329	59.4	244	62.0	161	51.3	170	60.9	140	68.0	1461	55.9
	Total	231	100.0	589	100.0	580	100.0	454	100.0	320	100.0	314	100.0	230	100.0	2718	100.0
38. South Africa has never built nuclear weapons	True	52	24.2	107	18.1	90	15.7	77	16.2	56	17.5	36	8.3	29	12.3	447	16.9
	False	80	30.7	178	31.9	159	25.4	122	21.1	81	22.1	90	26.6	47	14.8	757	26.1
	(Do not know)	97	45.1	302	50.0	330	59.0	255	62.7	183	60.4	188	65.1	154	72.8	1509	57.0
	Total	229	100.0	587	100.0	579	100.0	454	100.0	320	100.0	314	100.0	230	100.0	2713	100.0
39. South Africa has a nuclear research Centre in North West province	True	74	29.4	144	24.7	127	19.1	102	22.2	75	19.7	56	17.5	53	18.5	631	22.2
	False	36	16.7	96	18.6	80	14.1	57	9.0	47	16.7	45	9.0	16	4.8	377	14.2
	(Do not know)	121	53.9	347	56.7	369	66.8	296	68.8	196	63.6	213	73.5	162	76.6	1704	63.7
	Total	231	100.0	587	100.0	576	100.0	455	100.0	318	100.0	314	100.0	231	100.0	2712	100.0

3.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	20.1	51	18.5	104	16.1	103	17.2	91	15.8	65	11.6	48	9.6	31	16.7	493
	Less harmful to the environment than other energy sources	8.1	22	9.9	47	8.6	44	4.3	27	6.8	20	11.2	21	4.9	11	7.9	192
	Cost-efficient alternative	6.7	23	9.5	61	5.3	35	5.5	38	5.2	25	4.8	23	7.6	17	6.7	222
	Energy production efficiency	18.3	51	18.8	113	11.6	88	13.1	68	9.6	44	8.7	41	9.6	22	14.0	427
	Plentiful/renewable	4.9	15	4.6	27	3.1	22	2.4	15	1.1	6	2.7	10	1.0	5	3.2	100
	It is a non-fossil fuel	13.2	34	7.2	49	4.9	34	4.7	28	4.1	16	11.0	25	7.3	14	6.8	200
	It is a safe technology/energy source	9.0	19	9.1	49	4.2	29	6.5	27	3.2	15	6.8	17	3.7	9	6.4	165
	Creates jobs/helps economy	11.8	38	13.1	83	10.3	74	11.5	62	11.8	44	11.8	42	9.9	22	11.7	365
	Advanced technology/research	9.1	32	9.6	51	9.1	45	8.0	42	9.3	32	6.2	21	3.2	7	8.6	230
	Produces power/electricity/energy	18.2	55	15.4	101	16.0	117	17.2	89	19.1	67	14.4	56	11.8	29	16.3	514
	Other (specify)	.3	1	1.0	4	.4	4	.0	1	0.0	0	.3	3	.2	1	.4	14
	None/no benefits	10.1	22	10.7	51	10.7	46	8.5	40	9.1	19	9.0	25	4.6	15	9.7	218
(Do not know / no answer)	42.4	82	44.0	262	47.8	272	55.0	222	56.0	166	57.5	160	64.5	137	49.8	1301	

Multiple response table		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	13.7	47	13.8	80	11.6	93	12.4	78	13.3	54	15.7	55	10.2	29	12.9	436
	The safety of nuclear power plants	16.8	48	17.3	116	20.1	120	12.8	82	15.3	51	18.2	60	9.7	30	16.6	507
	The disposal of nuclear waste	13.4	48	14.4	94	9.8	72	11.5	63	15.0	47	18.4	58	12.5	34	12.9	416
	The environmental effects of producing nuclear electricity	11.6	38	13.5	67	8.6	55	11.5	63	12.9	35	7.0	28	5.8	13	11.0	299
	Lack of knowledge of implications	12.1	29	10.9	58	6.8	47	8.9	42	10.3	30	7.1	26	9.7	21	9.4	253
	Weapons/warfare	12.9	31	15.9	83	11.6	70	11.6	63	11.0	42	8.2	37	9.0	25	12.5	351
	Misuse/abuse of nuclear technology	5.2	22	7.3	42	6.5	53	7.8	51	8.0	26	6.8	27	3.8	11	6.9	232
	The cost of nuclear-generated electricity	9.9	25	9.7	55	7.5	47	7.0	33	3.8	16	6.4	19	4.8	8	7.7	203
	Dangerous/frightening	16.7	46	10.3	71	11.3	85	13.2	68	14.0	49	10.6	43	8.2	21	12.0	383
	Lack of controls/regulations	5.0	17	6.7	41	4.4	34	4.3	22	3.1	11	8.6	22	4.6	10	5.2	157
	Incompetence/ improperly managed	2.1	10	3.8	23	2.1	25	5.8	25	5.3	11	2.9	14	7.9	11	3.9	119
	Overall negative/against it	1.7	5	3.4	13	2.7	11	2.2	13	3.2	11	1.7	9	1.5	2	2.6	64
	Other (specify)	0.0	0	1.2	2	.1	4	.2	2	0.0	0	0.0	0	0.0	0	.4	8
	None/no concerns	6.2	13	5.8	40	8.2	47	8.0	31	8.5	23	7.9	23	4.9	15	7.1	192
	(Do not know / no answer)	43.4	84	42.2	255	46.8	259	52.2	212	52.2	153	49.6	140	60.9	123	47.7	1226

3.3. Support for Different Applications of Nuclear Technology

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	22	7.8	57	11.7	57	8.7	46	9.5	31	8.5	22	9.6	17	5.9	252	9.4
	Agree	82	31.7	166	29.0	157	28.6	128	23.2	92	22.8	90	22.2	43	14.7	758	26.3
	Neither agree nor disagree	23	7.4	64	10.9	57	9.8	36	8.9	27	10.8	27	7.9	27	11.5	261	9.8
	Disagree	29	14.7	54	9.7	51	7.1	39	5.9	23	10.1	28	10.2	20	8.2	244	8.9
	Strongly disagree	9	4.0	23	4.6	19	3.0	11	3.8	3	.8	6	1.2	4	.8	75	3.2
	(Do not know)	66	34.4	219	34.0	238	42.7	196	48.7	144	47.0	139	48.9	119	59.0	1121	42.3
	Total	231	100.0	583	100.0	579	100.0	456	100.0	320	100.0	312	100.0	230	100.0	2711	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	41	16.9	82	14.4	80	15.9	44	8.6	34	9.0	27	9.0	24	8.6	332	12.8
	Agree	90	33.7	202	34.8	180	27.5	154	28.2	114	31.1	114	29.8	65	25.1	919	30.6
	Neither agree nor disagree	15	7.1	43	8.7	52	8.6	38	8.0	27	10.5	27	10.8	23	7.7	225	8.7
	Disagree	16	6.2	33	5.7	32	5.3	22	4.2	10	3.3	15	3.9	6	3.6	134	4.9
	Strongly disagree	5	3.7	16	3.2	10	1.8	12	3.3	4	1.9	3	.8	3	.9	53	2.5
	(Do not know)	63	32.5	207	33.2	226	40.9	186	47.8	128	44.0	126	45.6	108	54.1	1044	40.5
	Total	230	100.0	583	100.0	580	100.0	456	100.0	317	100.0	312	100.0	229	100.0	2707	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	23	13.6	41	6.3	49	8.5	23	3.1	21	5.7	12	6.9	8	4.8	177	6.9
	Agree	65	24.9	147	26.8	134	22.7	99	19.3	70	16.9	82	19.2	42	14.0	639	22.1
	Neither agree nor disagree	31	11.2	83	16.4	74	12.5	51	8.3	47	15.9	37	13.4	35	10.7	358	13.0
	Disagree	32	10.9	49	8.4	49	6.3	51	10.0	25	10.5	33	11.3	10	4.5	249	8.7
	Strongly disagree	6	3.2	22	3.9	21	2.7	18	4.9	7	2.0	8	1.1	7	5.1	89	3.4
	(Do not know)	74	36.3	234	38.1	253	47.3	212	54.4	150	49.0	140	48.0	128	60.9	1191	45.9
	Total	231	100.0	576	100.0	580	100.0	454	100.0	320	100.0	312	100.0	230	100.0	2703	100.0

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101 years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	15	7.8	33	4.3	37	9.0	23	6.0	15	4.4	6	3.8	12	5.7	141	6.1
	Agree	56	23.9	115	21.4	109	17.8	70	12.7	52	12.1	52	14.6	26	8.3	480	17.2
	Neither agree nor disagree	23	11.1	54	10.1	55	8.6	33	6.4	24	10.4	25	5.3	22	9.1	236	8.9
	Disagree	52	17.1	103	17.5	85	11.5	73	11.6	45	12.4	50	17.3	33	8.6	441	14.0
	Strongly disagree	16	4.7	51	10.5	53	8.6	57	12.6	40	13.3	41	9.8	22	12.0	280	10.2
	(Do not know)	69	35.3	226	36.2	240	44.5	198	50.7	144	47.5	138	49.2	115	56.4	1130	43.7
	Total	231	100.0	582	100.0	579	100.0	454	100.0	320	100.0	312	100.0	230	100.0	2708	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	37	12.8	67	11.5	73	10.7	39	5.4	37	9.2	31	11.3	23	11.7	307	10.1
	Agree	57	22.0	136	23.5	134	22.3	119	21.0	85	22.4	88	20.4	50	16.6	669	22.0
	Neither agree nor disagree	23	9.2	64	13.1	49	9.3	43	9.6	32	12.9	29	10.5	25	9.0	265	10.8
	Disagree	28	13.9	50	7.9	47	6.9	27	3.9	9	4.1	18	7.2	8	2.9	187	6.8
	Strongly disagree	10	3.9	17	3.1	19	3.0	17	5.1	11	3.0	7	2.6	3	1.3	84	3.4
	(Do not know)	76	38.1	248	40.9	260	47.8	210	55.0	146	48.4	139	48.0	121	58.5	1200	46.9
	Total	231	100.0	582	100.0	582	100.0	455	100.0	320	100.0	312	100.0	230	100.0	2712	100.0

3.4. Perceptions of Nuclear Energy

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	14	5.1	44	7.0	32	6.2	21	3.9	17	3.7	18	6.8	6	1.9	152	5.4
	Mainly favourable	35	12.9	83	13.8	76	13.5	55	9.0	36	8.1	44	14.9	31	12.6	360	12.2
	Neither favourable nor unfavourable	57	23.9	138	24.0	143	23.8	101	22.4	67	21.8	56	14.1	35	12.9	597	22.2
	Mainly unfavourable	25	9.3	39	7.8	36	4.8	30	6.4	18	4.4	26	5.1	11	4.6	185	6.3
	Very unfavourable	28	11.7	73	13.0	75	11.1	58	12.9	34	12.5	28	8.2	22	8.4	318	11.8
	(Do not know)	71	37.2	205	34.4	217	40.6	185	45.6	146	49.5	139	51.0	124	59.7	1087	42.0
	Total	230	100.0	582	100.0	579	100.0	450	100.0	318	100.0	311	100.0	229	100.0	2699	100.0

Multiple response table		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	11.8	46	14.6	100	12.2	95	13.9	79	14.3	58	20.9	66	13.7	37	13.9	481
	Risk of accidents	33.1	88	34.3	196	26.0	181	27.4	148	29.9	103	25.3	97	19.5	58	29.3	871
	Risk of radiation or contamination	20.0	59	20.5	122	15.2	100	19.5	104	19.7	75	21.9	74	11.5	37	18.6	571
	General impact on the environment	20.8	56	15.4	91	17.6	101	14.8	84	13.8	47	8.3	46	7.3	20	15.3	445
	Cost is too high	18.9	50	17.6	93	12.1	70	13.6	68	6.0	26	9.5	28	8.1	16	13.5	351
	Nuclear power stations are ugly to look at	5.5	14	3.2	18	3.1	16	2.7	17	2.4	8	.4	6	.4	4	2.9	83
	Other (Specify)	.6	3	1.5	8	.8	4	.2	1	.8	1	0.0	0	.9	3	.8	20
	None (there are no disadvantages to nuclear energy)	5.2	7	5.7	33	5.9	32	4.0	18	4.1	9	5.2	13	2.1	10	5.0	122
(Do not know)	40.5	77	38.1	235	46.0	246	53.7	211	51.9	152	51.2	141	60.3	120	46.4	1182	

Multiple response table		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101 years		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	11.5	32	14.7	81	8.4	58	7.1	37	7.4	26	7.3	19	8.5	25	10.0	278
	Helps to combat climate change	14.9	43	17.7	99	14.3	89	10.3	47	8.1	31	11.7	37	8.5	19	13.4	365
	It ensures a reliable supply of electricity	22.0	63	22.1	124	18.0	119	20.4	104	15.1	68	20.9	65	14.9	43	19.6	586
	It is a cleaner source of energy with less impact on the environment	7.0	28	12.4	63	7.3	47	6.7	37	6.2	23	14.4	31	6.5	16	8.8	245
	Only a small amount of waste is produced	5.1	16	8.2	52	4.8	30	8.3	33	4.2	15	4.0	14	6.7	9	6.3	169
	It is a proven technology that already exists	14.6	40	13.5	72	12.6	69	11.0	60	10.5	40	8.6	33	6.0	14	11.9	328
	It uses less fossil fuels or natural resources	11.0	29	4.8	44	2.4	23	5.1	34	3.0	13	9.0	22	4.4	11	5.0	176
	It offers an unlimited supply of power	12.6	39	12.1	86	9.0	79	9.1	52	11.8	48	13.8	49	10.0	20	10.8	373
	Other (Specify)	1.1	1	1.2	5	.4	2	.1	1	.6	4	.4	2	.5	2	.7	17
	None (there are no benefits to nuclear energy)	9.8	20	11.4	50	10.5	56	8.1	41	13.8	24	5.3	25	4.7	14	10.0	230
(Do not know)	42.1	80	41.2	263	49.2	271	54.4	226	53.5	168	54.9	157	66.8	137	49.0	1302	

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101 years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	16	4.6	50	10.3	52	7.6	42	10.1	26	8.5	32	10.0	19	5.9	237	8.6
	Agree	97	37.7	178	29.9	163	25.9	135	22.3	95	26.6	99	29.8	59	19.3	826	27.5
	Neither agree nor disagree	28	13.4	68	9.3	77	12.0	38	7.7	32	9.4	19	4.6	28	12.2	290	9.9
	Disagree	14	5.1	54	10.6	35	6.5	38	6.5	25	9.3	27	8.5	10	3.3	203	7.7
	Strongly disagree	8	5.0	13	2.8	18	3.9	7	2.2	4	.6	3	.4	3	2.6	56	2.8
	(Do not know)	69	34.4	222	37.1	237	44.0	192	51.2	138	45.6	134	46.6	111	56.6	1103	43.4
	Total	232	100.0	585	100.0	582	100.0	452	100.0	320	100.0	314	100.0	230	100.0	2715	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	38	11.3	66	9.5	66	10.7	27	4.1	30	8.6	31	8.8	21	8.4	279	8.8
	Agree	71	29.6	169	31.2	137	22.4	132	25.3	89	23.1	81	26.8	45	14.8	724	26.0
	Neither agree nor disagree	35	16.8	73	11.5	90	15.8	53	11.8	31	12.1	33	11.0	28	11.6	343	13.1
	Disagree	19	7.3	42	9.3	35	3.9	31	4.4	23	8.8	29	6.4	15	6.0	194	6.6
	Strongly disagree	6	3.6	22	4.3	24	4.5	21	5.1	12	3.6	6	1.1	9	2.9	100	4.1
	(Do not know)	63	31.6	213	34.1	230	42.6	188	49.3	134	43.9	134	45.8	112	56.3	1074	41.4
	Total	232	100.0	585	100.0	582	100.0	452	100.0	319	100.0	314	100.0	230	100.0	2714	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	29	10.2	51	9.0	54	11.6	36	6.9	34	11.4	22	8.3	18	5.9	244	9.4
	Agree	53	20.0	142	27.5	137	19.0	111	18.2	77	21.7	83	19.8	44	16.7	647	21.5
	Neither agree nor disagree	45	16.1	93	14.3	89	16.8	69	15.3	41	13.0	46	14.9	40	17.7	423	15.3
	Disagree	29	15.0	49	8.8	44	5.8	29	5.0	17	4.2	24	8.0	11	4.0	203	7.3
	Strongly disagree	4	1.9	16	2.6	11	1.5	7	2.3	1	.1	5	1.7	3	1.1	47	1.8
	(Do not know)	72	36.7	232	37.9	246	45.4	199	52.3	150	49.6	134	47.3	114	54.6	1147	44.7
	Total	232	100.0	583	100.0	581	100.0	451	100.0	320	100.0	314	100.0	230	100.0	2711	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	30	12.9	52	8.1	50	8.5	43	7.1	26	5.7	30	8.2	17	6.1	248	8.1
	Agree	65	25.0	141	26.3	122	19.4	98	20.6	84	25.2	73	23.8	51	19.8	634	23.0
	Neither agree nor disagree	36	15.3	90	16.6	90	13.8	53	12.1	35	13.1	39	9.1	32	12.4	375	14.0
	Disagree	25	8.8	47	7.9	51	8.7	39	6.1	19	5.7	29	8.6	10	4.1	220	7.5
	Strongly disagree	5	2.2	22	3.2	22	2.7	13	2.9	4	2.1	6	1.0	2	.8	74	2.6
	(Do not know)	71	35.8	231	37.8	244	46.9	208	51.2	151	48.2	136	49.2	117	56.8	1158	44.9
	Total	232	100.0	583	100.0	579	100.0	454	100.0	319	100.0	313	100.0	229	100.0	2709	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	39	18.5	84	14.7	70	13.0	72	14.8	34	11.8	36	9.7	26	10.3	361	13.9
	Maintained the same	74	25.8	172	33.1	167	26.5	114	23.7	75	20.9	70	17.7	51	22.8	723	26.4
	Increased	42	18.4	81	12.4	83	12.3	52	8.5	54	12.5	60	22.4	25	7.8	397	12.7
	(Do not know)	75	37.3	247	39.8	260	48.3	216	53.1	157	54.8	145	50.1	127	59.1	1227	47.1
	Total	230	100.0	584	100.0	580	100.0	454	100.0	320	100.0	311	100.0	229	100.0	2708	100.0

3.5. Perceptions of Nuclear Safety

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	26	13.1	76	12.5	69	12.0	58	12.0	27	8.8	36	11.3	22	8.9	314	11.7
	Some risk	63	22.3	131	25.1	130	21.7	102	18.2	73	19.6	73	16.6	46	19.1	618	21.4
	Not much of a risk	42	16.0	102	18.0	83	12.7	56	13.0	45	17.4	35	10.6	30	8.2	393	14.7
	No risk at all	22	7.4	41	6.3	32	4.9	30	5.1	21	6.4	30	10.1	13	6.6	189	6.1
	(Do not know)	79	41.1	235	38.1	267	48.8	208	51.6	154	47.8	140	51.5	118	57.2	1201	46.1
	Total	232	100.0	585	100.0	581	100.0	454	100.0	320	100.0	314	100.0	229	100.0	2715	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	20	9.8	37	6.2	48	6.3	37	6.3	19	6.8	21	5.1	10	3.0	192	6.5
	Agree	49	17.8	135	25.7	106	18.0	92	17.9	62	15.0	70	17.0	42	15.7	556	19.5
	Neither agree nor disagree	58	23.9	117	19.9	119	20.6	80	14.6	61	19.8	50	16.3	42	16.8	527	19.2
	Disagree	22	6.4	36	5.9	29	3.8	26	5.7	16	4.9	18	4.4	9	4.8	156	5.2
	Strongly disagree	7	2.4	13	2.2	10	1.5	2	1.3	2	.6	7	2.4	4	1.2	45	1.7
	(Do not know)	76	39.6	245	40.0	270	49.8	217	54.3	160	52.9	148	54.8	122	58.6	1238	48.0
	Total	232	100.0	583	100.0	582	100.0	454	100.0	320	100.0	314	100.0	229	100.0	2714	100.0
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	13	5.7	39	5.5	33	7.1	20	4.1	13	3.9	8	1.6	7	5.8	133	5.3
	Somewhat exaggerated	40	14.9	83	16.1	89	16.3	66	12.7	44	14.3	53	12.8	31	8.3	406	14.6
	Somewhat underestimated	47	15.8	103	16.7	93	14.1	87	17.1	49	9.5	43	13.4	23	13.4	445	14.9
	Strongly underestimated	11	5.4	43	8.8	27	3.4	15	2.9	7	4.1	16	2.4	11	1.4	130	4.9
	Nuclear risks are perceived correctly	31	11.8	53	9.2	51	6.3	38	8.5	27	6.5	36	10.9	19	5.4	255	8.3
	(Do not know)	90	46.4	262	43.5	289	52.8	228	54.7	179	61.7	158	58.9	139	65.7	1345	52.0
	Total	232	100.0	583	100.0	582	100.0	454	100.0	319	100.0	314	100.0	230	100.0	2714	100.0
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	31	13.0	74	11.5	64	10.4	58	10.0	43	11.3	35	12.7	38	13.7	343	11.3
	Somewhat concerned	58	20.7	120	23.7	124	21.2	97	20.2	62	18.5	68	17.5	28	8.8	557	20.5
	A little concerned	48	19.5	84	13.8	92	15.4	57	8.8	39	12.9	43	9.5	24	9.4	387	13.3
	Not at all concerned	34	14.3	98	18.0	81	12.9	55	12.7	43	14.4	39	14.8	36	15.3	386	14.8
	(Do not know)	61	32.5	208	33.0	217	40.0	186	48.4	131	42.9	129	45.5	103	52.8	1035	40.1
	Total	232	100.0	584	100.0	578	100.0	453	100.0	318	100.0	314	100.0	229	100.0	2708	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	7	3.8	26	4.6	25	6.4	10	2.4	10	4.8	9	2.8	7	2.9	94	4.4
	Enough	51	19.2	113	21.2	109	19.7	72	15.5	56	18.0	56	17.8	31	12.8	488	18.7
	Too little	48	17.7	105	16.9	101	15.1	86	15.6	44	12.6	52	10.4	25	12.7	461	15.3
	Far too little	27	12.9	67	11.1	63	7.9	51	11.1	28	6.5	37	10.2	31	11.7	304	10.0
	(Do not know)	96	46.5	272	46.2	279	50.9	230	55.4	179	58.1	160	58.7	134	60.0	1350	51.7
	Total	229	100.0	583	100.0	577	100.0	449	100.0	317	100.0	314	100.0	228	100.0	2697	100.0

3.6. Views on Nuclear Energy in a Global Context

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	32	11.9	97	16.6	80	12.6	73	13.3	55	16.6	48	12.9	35	14.7	420	14.3
	Agree	62	23.3	146	22.7	161	24.9	129	25.3	92	26.3	84	25.1	52	19.4	726	24.1
	Neither agree nor disagree	31	13.3	75	15.3	75	12.3	39	7.0	29	7.4	31	6.4	26	7.5	306	11.2
	Disagree	39	15.6	64	11.0	57	10.8	33	6.2	15	5.0	28	11.9	13	4.9	249	9.7
	Strongly disagree	4	2.0	14	1.5	5	1.3	8	2.5	6	2.5	2	.5	1	.3	40	1.7
	(Do not know)	64	33.9	186	32.8	202	38.2	172	45.8	123	42.2	120	43.3	102	53.2	969	39.2
	Total	232	100.0	582	100.0	580	100.0	454	100.0	320	100.0	313	100.0	229	100.0	2710	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	9	5.4	14	2.9	22	4.6	8	2.5	7	2.1	7	2.2	5	2.1	72	3.3
	Agree	30	10.4	75	13.1	71	13.2	45	10.1	22	8.9	25	9.1	17	5.1	285	11.2
	Neither agree nor disagree	36	16.8	69	13.5	85	14.3	39	8.9	32	10.4	29	7.2	31	9.6	321	12.3
	Disagree	57	18.9	132	19.5	122	17.1	106	18.1	75	21.6	78	22.1	40	11.7	610	18.6
	Strongly disagree	32	13.2	88	13.2	70	10.4	72	13.4	49	12.3	45	12.8	31	16.7	387	12.6
	(Do not know)	66	35.3	205	37.8	210	40.5	184	47.0	135	44.7	128	46.6	105	54.8	1033	42.0
	Total	230	100.0	583	100.0	580	100.0	454	100.0	320	100.0	312	100.0	229	100.0	2708	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	33	12.1	102	16.2	84	12.5	67	11.9	49	14.3	45	14.6	27	11.1	407	13.6
	Agree	79	27.5	145	26.9	159	25.6	129	25.6	100	28.9	98	26.9	64	22.6	774	26.4
	Neither agree nor disagree	34	16.0	80	12.5	80	14.2	42	9.1	27	8.8	29	7.6	28	8.8	320	11.8
	Disagree	10	3.8	33	4.8	26	4.7	21	3.6	6	1.9	11	4.6	3	.6	110	3.9
	Strongly disagree	4	.8	8	1.0	6	1.0	4	1.3	5	.8	0	0.0	4	2.1	31	1.0
	(Do not know)	70	39.9	216	38.7	225	41.9	190	48.4	132	45.3	129	46.3	103	54.7	1065	43.3
	Total	230	100.0	584	100.0	580	100.0	453	100.0	319	100.0	312	100.0	229	100.0	2707	100.0

3.7. Information on Nuclear Energy

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	35	12.5	86	15.0	96	14.6	63	14.4	41	8.6	30	7.3	28	12.0	379	13.2
	South African Nuclear Energy Corporation Ltd	34	11.6	100	14.8	94	11.1	91	17.4	70	16.0	59	14.6	33	11.6	481	14.0
	Regional and local authorities	2	.9	6	1.2	4	1.2	4	.5	2	3.2	3	1.1	3	.7	24	1.2
	Energy companies that operate nuclear power plants	24	9.3	48	9.7	36	6.5	19	2.5	16	3.1	20	7.4	8	1.6	171	6.4
	Schools	11	4.1	18	3.5	12	4.2	6	1.5	2	.8	1	.1	1	.2	51	2.7
	The African Union	1	.2	3	.2	3	1.0	5	.9	1	.1	1	.2	0	0.0	14	.5
	Scientists	27	11.4	55	12.4	40	4.9	32	8.0	16	4.4	23	8.3	23	9.0	216	8.5
	Non-governmental organisations (NGOs)	5	1.2	20	2.4	13	3.0	12	2.5	11	4.7	10	3.7	5	3.7	76	2.8
	International organisations working on issues of nuclear technology	9	4.5	7	1.1	11	1.9	13	2.0	4	.7	9	3.4	3	2.2	56	2.0
	Journalists (TV, radio, newspapers)	18	8.8	38	5.4	53	8.4	28	7.8	24	6.0	23	8.0	17	7.5	201	7.2
	Friends and family	3	.6	15	1.3	16	4.3	4	.8	5	.9	6	1.6	6	1.5	55	1.8
	Other	0	0.0	4	1.1	2	.6	2	.2	2	1.9	0	0.0	0	0.0	10	.7
	None	10	6.5	16	3.0	30	5.1	20	2.5	16	9.2	18	4.2	11	1.9	121	4.5
(Do not know)	52	28.4	165	28.7	168	33.0	154	39.2	108	40.3	111	40.1	88	48.2	846	34.5	
Total	231	100.0	581	100.0	578	100.0	453	100.0	318	100.0	314	100.0	226	100.0	2701	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	30	11.9	76	17.2	63	12.7	64	14.7	26	8.3	30	9.6	16	10.1	305	13.4
	No	164	67.2	388	61.6	388	64.0	289	60.5	236	71.6	198	61.0	151	55.4	1814	63.3
	(Do not know)	36	20.9	118	21.2	115	23.3	100	24.8	53	20.1	80	29.4	58	34.5	560	23.3
	Total	230	100.0	582	100.0	566	100.0	453	100.0	315	100.0	308	100.0	225	100.0	2679	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	109	43.0	262	43.5	232	34.3	167	35.3	138	33.3	133	42.7	85	35.0	1126	38.3
	No	51	24.0	116	19.7	126	24.2	87	18.5	45	21.4	51	12.8	32	11.1	508	20.3
	(Do not know)	71	33.0	204	36.8	218	41.5	197	46.2	137	45.3	127	44.5	111	54.0	1065	41.4
	Total	231	100.0	582	100.0	576	100.0	451	100.0	320	100.0	311	100.0	228	100.0	2699	100.0

3.8. Final Assessment of Nuclear Energy and Technology

		Age groups															
		16-19 years		20-29 years		30-39 years		40-49 years		50-59 years		60-69 years		70-101years		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. ad a benefit or a risk?	More as a benefit	53	20.1	102	17.4	96	17.9	64	11.5	44	9.7	51	18.5	34	14.9	444	15.9
	More as a risk	56	24.2	127	23.5	119	19.4	104	23.9	53	14.5	60	15.5	34	12.3	553	20.7
	Neither/indifferent	56	21.4	131	19.7	133	20.2	99	18.2	83	31.0	65	18.2	46	20.1	613	20.9
	(Do not know)	67	34.2	220	39.4	230	42.4	186	46.4	139	44.8	133	47.7	113	52.7	1088	42.6
	Total	232	100.0	580	100.0	578	100.0	453	100.0	319	100.0	309	100.0	227	100.0	2698	100.0

4. Results Disaggregated by Sex of Respondent (Weighted %, Unweighted N)

4.1. Knowledge of Nuclear Technology

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	63	6.2	50	3.2	113	4.6
	Somewhat knowledgeable	254	22.0	241	14.2	495	18.0
	Not very knowledgeable	212	19.2	312	19.4	524	19.3
	Not at all knowledgeable	334	28.8	641	37.0	975	33.1
	(Do not know)	214	23.7	404	26.3	618	25.0
	Total	1077	100.0	1648	100.0	2725	100.0
37. South Africa has a nuclear power station in the Western Cape	True	444	37.8	526	27.8	970	32.6
	False	126	11.6	161	11.3	287	11.4
	(Do not know)	507	50.6	955	60.9	1462	55.9
	Total	1077	100.0	1642	100.0	2719	100.0
38. South Africa has never built nuclear weapons	True	202	17.1	245	16.6	447	16.9
	False	341	29.2	416	23.2	757	26.1
	(Do not know)	531	53.7	979	60.2	1510	57.0
	Total	1074	100.0	1640	100.0	2714	100.0
39. South Africa has a nuclear research Centre in North West province	True	286	24.2	345	20.2	631	22.1
	False	154	14.4	223	14.0	377	14.2
	(Do not know)	636	61.4	1069	65.8	1705	63.7
	Total	1076	100.0	1637	100.0	2713	100.0

4.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		220. Sex of respondent					
		Male		Female		Total	
		Cell %	N	Cell %	N	Cell %	N
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	18.0	212	15.5	281	16.7	493
	Less harmful to the environment than other energy sources	9.6	96	6.3	96	7.9	192
	Cost-efficient alternative	8.6	112	4.9	110	6.7	222
	Energy production efficiency	13.8	187	14.2	240	14.0	427
	Plentiful/renewable	3.7	51	2.7	49	3.2	100
	It is a non-fossil fuel	8.1	103	5.6	97	6.8	200
	It is a safe technology/energy source	6.8	68	6.1	97	6.4	165
	Creates jobs/helps economy	12.8	154	10.6	211	11.7	365
	Advanced technology/research	10.8	124	6.5	106	8.6	230
	Produces power/electricity/energy	19.3	234	13.5	280	16.3	514
	Other (specify)	.5	6	.3	8	.4	14
	None/no benefits	8.6	84	10.6	134	9.7	218
	(Do not know / no answer)	44.8	447	54.5	855	49.8	1302

Multiple response table		220. Sex of respondent					
		Male		Female		Total	
		Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	13.9	192	12.0	244	12.9	436
	The safety of nuclear power plants	16.8	214	16.3	293	16.6	507
	The disposal of nuclear waste	14.0	197	11.9	219	12.9	416
	The environmental effects of producing nuclear electricity	12.4	141	9.7	158	11.0	299
	Lack of knowledge of implications	8.6	108	10.1	145	9.4	253
	Weapons/warfare	14.7	164	10.5	187	12.5	351
	Misuse/abuse of nuclear technology	7.4	106	6.4	126	6.9	232
	The cost of nuclear-generated electricity	9.0	99	6.5	104	7.7	203
	Dangerous/frightening	12.7	162	11.3	221	12.0	383
	Lack of controls/regulations	6.1	71	4.3	86	5.2	157
	Incompetence/ improperly managed	5.2	69	2.7	50	3.9	119
	Overall negative/against it	3.5	30	1.8	34	2.6	64
	Other (specify)	.7	4	.1	4	.4	8
	None/no concerns	6.5	76	7.7	116	7.1	192
(Do not know / no answer)	43.7	435	51.3	792	47.7	1227	

4.3. Support for Different Applications of Nuclear Technology

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	113	10.6	139	8.4	252	9.4
	Agree	309	28.2	449	24.6	758	26.3
	Neither agree nor disagree	99	8.9	162	10.6	261	9.8
	Disagree	103	9.1	141	8.8	244	8.9
	Strongly disagree	44	4.1	31	2.4	75	3.2
	(Do not know)	404	39.1	718	45.2	1122	42.3
	Total	1072	100.0	1640	100.0	2712	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	167	16.1	165	9.7	332	12.8
	Agree	387	32.2	532	29.2	919	30.6
	Neither agree nor disagree	74	7.5	151	9.7	225	8.7
	Disagree	49	4.1	85	5.7	134	4.9
	Strongly disagree	31	3.6	22	1.5	53	2.5
	(Do not know)	363	36.4	682	44.3	1045	40.5
	Total	1071	100.0	1637	100.0	2708	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	78	7.7	99	6.1	177	6.9
	Agree	266	23.9	373	20.5	639	22.1
	Neither agree nor disagree	131	10.5	227	15.3	358	13.0
	Disagree	121	10.7	128	6.8	249	8.7
	Strongly disagree	45	4.3	44	2.6	89	3.4
	(Do not know)	426	42.9	766	48.7	1192	45.9
	Total	1067	100.0	1637	100.0	2704	100.0
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	64	7.4	77	4.9	141	6.1
	Agree	189	16.8	291	17.5	480	17.2
	Neither agree nor disagree	84	8.3	152	9.4	236	8.9
	Disagree	177	12.9	264	15.0	441	14.0
	Strongly disagree	150	13.5	130	7.2	280	10.2
	(Do not know)	404	41.2	727	45.9	1131	43.7
	Total	1068	100.0	1641	100.0	2709	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	119	9.8	188	10.4	307	10.1
	Agree	281	23.8	388	20.3	669	22.0
	Neither agree nor disagree	108	10.4	157	11.2	265	10.8
	Disagree	75	6.4	112	7.2	187	6.8
	Strongly disagree	47	4.2	37	2.7	84	3.4
	(Do not know)	441	45.4	760	48.2	1201	46.9
	Total	1071	100.0	1642	100.0	2713	100.0

4.4. Perceptions of Nuclear Energy

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	77	7.0	75	4.0	152	5.4
	Mainly favourable	175	13.5	185	10.9	360	12.2
	Neither favourable nor unfavourable	243	24.0	354	20.6	597	22.2
	Mainly unfavourable	71	5.8	114	6.8	185	6.3
	Very unfavourable	119	10.9	199	12.7	318	11.8
	(Do not know)	380	38.8	708	45.0	1088	42.0
	Total	1065	100.0	1635	100.0	2700	100.0

Multiple response table		220. Sex of respondent					
		Male		Female		Total	
		Cell %	N	Cell %	N	Cell %	N
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	13.9	212	13.9	269	13.9	481
	Risk of accidents	30.2	369	28.4	502	29.3	871
	Risk of radiation or contamination	19.8	253	17.5	318	18.6	571
	General impact on the environment	15.3	184	15.4	261	15.3	445
	Cost is too high	15.8	159	11.4	192	13.5	351
	Nuclear power stations are ugly to look at	3.4	34	2.5	49	2.9	83
	Other (Specify)	1.3	13	.4	7	.8	20
	None (there are no disadvantages to nuclear energy)	4.9	49	5.1	73	5.0	122
	(Do not know)	42.9	416	49.6	767	46.4	1183

Multiple response table		220. Sex of respondent					
		Male		Female		Total	
		Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	11.1	125	9.0	153	10.0	278
	Helps to combat climate change	13.0	144	13.8	221	13.4	365
	It ensures a reliable supply of electricity	20.6	258	18.7	328	19.6	586
	It is a cleaner source of energy with less impact on the environment	8.5	100	9.1	145	8.8	245
	Only a small amount of waste is produced	6.9	82	5.9	87	6.3	169
	It is a proven technology that already exists	13.6	153	10.5	175	11.9	328
	It uses less fossil fuels or natural resources	6.0	89	4.1	87	5.0	176
	It offers an unlimited supply of power	11.8	163	10.0	210	10.8	373
	Other (Specify)	.8	8	.5	9	.7	17
	None (there are no benefits to nuclear energy)	9.7	85	10.2	145	10.0	230
(Do not know)	45.6	463	52.1	840	49.0	1303	

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	125	10.0	112	7.3	237	8.6
	Agree	343	29.5	483	25.7	826	27.5
	Neither agree nor disagree	100	8.5	190	11.2	290	9.9
	Disagree	86	8.4	117	7.1	203	7.7
	Strongly disagree	30	3.8	26	1.8	56	2.8
	(Do not know)	387	39.7	717	46.8	1104	43.4
	Total	1071	100.0	1645	100.0	2716	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	143	11.0	136	6.9	279	8.8
	Agree	307	28.2	417	23.9	724	26.0
	Neither agree nor disagree	117	10.9	226	15.2	343	13.1
	Disagree	77	6.7	117	6.4	194	6.6
	Strongly disagree	50	4.7	50	3.5	100	4.1
	(Do not know)	376	38.4	699	44.1	1075	41.4
	Total	1070	100.0	1645	100.0	2715	100.0

52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	114	10.0	130	8.8	244	9.4
	Agree	268	22.5	379	20.5	647	21.5
	Neither agree nor disagree	174	15.8	249	14.8	423	15.3
	Disagree	90	8.1	113	6.5	203	7.3
	Strongly disagree	24	2.0	23	1.6	47	1.8
	(Do not know)	401	41.5	747	47.7	1148	44.7
	Total	1071	100.0	1641	100.0	2712	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	131	9.8	117	6.6	248	8.1
	Agree	270	26.1	364	20.1	634	23.0
	Neither agree nor disagree	142	13.4	233	14.5	375	14.0
	Disagree	82	6.1	138	8.7	220	7.5
	Strongly disagree	32	2.9	42	2.3	74	2.6
	(Do not know)	412	41.6	747	47.9	1159	44.9
	Total	1069	100.0	1641	100.0	2710	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	145	13.8	216	13.9	361	13.9
	Maintained the same	295	26.2	428	26.5	723	26.4
	Increased	187	15.4	210	10.2	397	12.7
	(Do not know)	442	44.6	786	49.4	1228	47.1
	Total	1069	100.0	1640	100.0	2709	100.0

4.5. Perceptions of Nuclear Safety

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	133	12.5	181	11.0	314	11.7
	Some risk	262	22.0	356	20.8	618	21.4
	Not much of a risk	176	17.1	217	12.4	393	14.7
	No risk at all	84	6.9	105	5.5	189	6.1
	(Do not know)	417	41.6	785	50.3	1202	46.1
	Total	1072	100.0	1644	100.0	2716	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	88	6.8	104	6.1	192	6.5
	Agree	242	20.6	314	18.5	556	19.5
	Neither agree nor disagree	209	20.2	318	18.2	527	19.2
	Disagree	69	5.7	87	4.7	156	5.2
	Strongly disagree	22	2.1	23	1.3	45	1.7
	(Do not know)	442	44.5	797	51.2	1239	48.0
Total	1072	100.0	1643	100.0	2715	100.0	
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	64	6.2	69	4.4	133	5.3
	Somewhat exaggerated	181	17.2	225	12.2	406	14.6
	Somewhat underestimated	181	13.9	264	15.9	445	14.9
	Strongly underestimated	57	5.6	73	4.2	130	4.9
	Nuclear risks are perceived correctly	100	8.1	155	8.4	255	8.3
	(Do not know)	489	48.9	857	54.8	1346	52.0
Total	1072	100.0	1643	100.0	2715	100.0	
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	137	11.7	206	11.0	343	11.3
	Somewhat concerned	233	21.1	324	19.9	557	20.5
	A little concerned	168	14.3	219	12.3	387	13.3
	Not at all concerned	150	13.9	236	15.5	386	14.8
	(Do not know)	381	38.9	655	41.3	1036	40.1
	Total	1069	100.0	1640	100.0	2709	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	48	5.5	46	3.3	94	4.4
	Enough	217	20.7	271	16.8	488	18.7
	Too little	203	16.4	258	14.2	461	15.3
	Far too little	108	9.1	196	10.8	304	10.0
	(Do not know)	488	48.3	863	54.8	1351	51.7
	Total	1064	100.0	1634	100.0	2698	100.0

4.6. Views on Nuclear Energy in a Global Context

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	197	16.6	223	12.1	420	14.3
	Agree	276	23.3	450	24.8	726	24.1
	Neither agree nor disagree	114	10.9	192	11.4	306	11.1
	Disagree	118	10.6	131	8.8	249	9.7
	Strongly disagree	16	2.1	24	1.3	40	1.7
	(Do not know)	348	36.6	622	41.6	970	39.2
	Total	1069	100.0	1642	100.0	2711	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	29	3.6	43	3.1	72	3.3
	Agree	126	12.1	159	10.4	285	11.2
	Neither agree nor disagree	106	8.7	215	15.6	321	12.3
	Disagree	256	20.9	354	16.5	610	18.6
	Strongly disagree	177	14.7	210	10.7	387	12.6
	(Do not know)	375	40.1	659	43.7	1034	42.0
	Total	1069	100.0	1640	100.0	2709	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	176	14.5	231	12.7	407	13.6
	Agree	324	27.4	450	25.5	774	26.4
	Neither agree nor disagree	112	11.7	208	11.9	320	11.8
	Disagree	53	4.2	57	3.6	110	3.9
	Strongly disagree	13	1.2	18	.8	31	1.0
	(Do not know)	391	40.9	675	45.4	1066	43.3
	Total	1069	100.0	1639	100.0	2708	100.0

4.7. Information on Nuclear Energy

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	135	11.2	244	15.1	379	13.2
	South African Nuclear Energy Corporation Ltd	219	15.3	262	12.8	481	14.0
	Regional and local authorities	6	.5	18	1.9	24	1.2
	Energy companies that operate nuclear power plants	71	7.1	100	5.8	171	6.4
	Schools	18	2.8	33	2.6	51	2.7
	The African Union	6	.6	8	.4	14	.5
	Scientists	90	8.2	126	8.8	216	8.5
	Non-governmental organisations (NGOs)	41	4.0	35	1.7	76	2.8
	International organisations working on issues of nuclear technology	32	2.5	24	1.5	56	2.0
	Journalists (TV, radio, newspapers)	77	7.4	124	7.1	201	7.2
	Friends and family	21	2.3	34	1.4	55	1.8
	Other	9	1.4	1	.0	10	.7
	None	32	2.9	89	5.9	121	4.5
	(Do not know)	309	34.0	538	35.0	847	34.5
Total	1066	100.0	1636	100.0	2702	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	160	16.5	145	10.5	305	13.4
	No	694	60.8	1121	65.6	1815	63.3
	(Do not know)	203	22.7	357	23.9	560	23.3
	Total	1057	100.0	1623	100.0	2680	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	500	42.4	627	34.6	1127	38.3
	No	187	18.9	321	21.5	508	20.3
	(Do not know)	378	38.7	687	43.9	1065	41.4
	Total	1065	100.0	1635	100.0	2700	100.0

4.8. Final Assessment of Nuclear Energy and Technology

		220. Sex of respondent					
		Male		Female		Total	
		N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. ad a benefit or a risk?	More as a benefit	233	20.5	211	11.6	444	15.9
	More as a risk	234	21.1	319	20.2	553	20.6
	Neither/indifferent	218	18.9	395	22.7	613	20.9
	(Do not know)	383	39.4	706	45.5	1089	42.6
	Total	1068	100.0	1631	100.0	2699	100.0

5. Results Disaggregated by Population Group (Weighted %, Unweighted N)

5.1. Knowledge of Nuclear Technology

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	59	4.6	17	2.6	15	5.8	22	6.6	113	4.6
	Somewhat knowledgeable	221	14.8	88	16.7	99	34.3	87	38.6	495	18.0
	Not very knowledgeable	267	17.4	106	23.1	58	19.7	93	30.6	524	19.3
	Not at all knowledgeable	597	34.9	208	34.5	99	26.1	71	19.1	975	33.1
	(Do not know)	476	28.3	79	23.0	48	14.0	15	5.1	618	25.0
	Total	1620	100.0	498	100.0	319	100.0	288	100.0	2725	100.0
37. South Africa has a nuclear power station in the Western Cape	True	359	24.8	244	45.4	157	53.0	210	74.9	970	32.6
	False	187	12.6	39	8.1	45	13.1	16	5.2	287	11.4
	(Do not know)	1067	62.6	216	46.5	116	34.0	63	19.9	1462	55.9
	Total	1613	100.0	499	100.0	318	100.0	289	100.0	2719	100.0
38. South Africa has never built nuclear weapons	True	220	15.7	100	19.7	63	22.3	64	21.5	447	16.9
	False	352	22.6	137	25.8	132	39.7	136	49.1	757	26.1
	(Do not know)	1037	61.7	261	54.6	123	38.0	89	29.4	1510	57.0
	Total	1609	100.0	498	100.0	318	100.0	289	100.0	2714	100.0
39. South Africa has a nuclear research Centre in North West province	True	281	18.7	119	24.6	111	40.5	120	40.8	631	22.1
	False	218	14.5	57	8.4	55	12.7	47	17.5	377	14.2
	(Do not know)	1113	66.8	320	67.0	150	46.8	122	41.8	1705	63.7
	Total	1612	100.0	496	100.0	316	100.0	289	100.0	2713	100.0

5.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	14.2	209	13.5	81	29.6	94	35.0	109	16.7	493
	Less harmful to the environment than other energy sources	6.9	95	6.1	26	19.2	37	14.3	34	7.9	192
	Cost-efficient alternative	4.6	70	7.2	35	24.7	71	17.4	46	6.7	222
	Energy production efficiency	11.0	182	17.0	80	29.5	76	29.7	89	14.0	427
	Plentiful/renewable	2.4	38	2.7	12	9.5	26	8.3	24	3.2	100
	It is a non-fossil fuel	4.4	75	8.6	26	23.1	51	18.8	48	6.8	200
	It is a safe technology/energy source	6.1	89	5.7	27	12.9	26	7.9	23	6.4	165
	Creates jobs/helps economy	10.0	169	14.9	80	19.2	68	19.1	48	11.7	365
	Advanced technology/research	6.0	88	12.6	42	15.0	54	22.9	46	8.6	230
	Produces power/electricity/energy	12.9	231	20.7	112	25.0	81	36.0	90	16.3	514
	Other (specify)	.5	8	.4	3	.0	1	.2	2	.4	14
	None/no benefits	10.8	164	4.0	22	4.8	15	7.4	17	9.7	218
	(Do not know / no answer)	54.5	899	49.8	241	29.7	100	19.9	62	49.8	1302

Multiple response table		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	8.3	129	15.2	84	40.8	125	38.7	98	12.9	436
	The safety of nuclear power plants	13.4	223	19.7	103	29.0	90	33.9	91	16.6	507
	The disposal of nuclear waste	7.1	128	17.0	71	39.3	106	46.3	111	12.9	416
	The environmental effects of producing nuclear electricity	9.5	154	7.9	39	13.3	47	24.3	59	11.0	299
	Lack of knowledge of implications	8.1	124	8.0	42	13.3	42	19.5	45	9.4	253
	Weapons/warfare	10.6	160	11.6	70	20.1	58	25.6	63	12.5	351
	Misuse/abuse of nuclear technology	3.7	75	10.8	43	19.2	64	23.7	50	6.9	232
	The cost of nuclear-generated electricity	7.1	111	5.6	29	10.2	35	13.1	28	7.7	203
	Dangerous/frightening	10.2	189	18.6	85	18.5	58	17.8	51	12.0	383
	Lack of controls/regulations	4.5	78	3.9	22	9.6	31	9.9	26	5.2	157
	Incompetence/ improperly managed	1.8	34	3.6	20	9.9	30	18.6	35	3.9	119
	Overall negative/against it	2.4	27	2.0	12	2.3	9	5.2	16	2.6	64
	Other (specify)	.4	3	.1	1	.3	2	.3	2	.4	8
	None/no concerns	8.0	131	4.6	28	5.1	18	3.6	15	7.1	192
(Do not know / no answer)	53.5	884	42.0	200	25.3	91	14.7	52	47.7	1227	

5.3. Support for Different Applications of Nuclear Technology

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	132	8.9	39	8.1	39	10.8	42	14.5	252	9.4
	Agree	362	23.8	151	26.0	131	47.6	114	39.8	758	26.3
	Neither agree nor disagree	155	10.0	45	8.8	30	7.8	31	9.7	261	9.8
	Disagree	132	7.9	50	11.1	25	7.8	37	15.6	244	8.9
	Strongly disagree	46	3.3	16	3.9	6	.9	7	2.6	75	3.2
	(Do not know)	782	46.2	195	42.2	87	25.1	58	17.8	1122	42.3
Total	1609	100.0	496	100.0	318	100.0	289	100.0	2712	100.0	
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	171	12.1	65	12.0	51	15.5	45	18.0	332	12.8
	Agree	404	25.8	215	40.9	152	50.6	148	52.4	919	30.6
	Neither agree nor disagree	144	8.9	32	7.3	20	5.8	29	8.8	225	8.7
	Disagree	97	5.3	8	2.1	13	5.4	16	4.9	134	4.9
	Strongly disagree	39	2.8	5	.7	1	.0	8	2.9	53	2.5
	(Do not know)	754	45.2	168	37.1	81	22.6	42	13.0	1045	40.5
Total	1609	100.0	493	100.0	318	100.0	288	100.0	2708	100.0	
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	97	6.7	39	6.7	21	7.9	20	7.8	177	6.9
	Agree	324	20.8	129	24.1	104	37.7	82	26.3	639	22.1
	Neither agree nor disagree	192	12.4	56	14.6	58	16.8	52	15.3	358	13.0
	Disagree	120	6.6	43	9.5	34	10.2	52	23.5	249	8.7
	Strongly disagree	46	2.9	15	1.8	8	1.2	20	9.5	89	3.4
	(Do not know)	826	50.7	213	43.3	93	26.3	60	17.6	1192	45.9
Total	1605	100.0	495	100.0	318	100.0	286	100.0	2704	100.0	
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	84	6.5	22	3.5	18	5.1	17	6.0	141	6.1
	Agree	269	17.3	99	18.9	74	29.4	38	11.0	480	17.2
	Neither agree nor disagree	145	8.7	41	11.4	22	3.8	28	9.0	236	8.9
	Disagree	194	10.9	82	17.3	85	25.6	80	31.3	441	14.0
	Strongly disagree	108	7.7	59	9.5	33	12.4	80	29.3	280	10.2
	(Do not know)	809	48.9	193	39.3	86	23.7	43	13.4	1131	43.7
Total	1609	100.0	496	100.0	318	100.0	286	100.0	2709	100.0	
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	134	8.6	58	10.4	59	16.2	56	19.9	307	10.1
	Agree	269	17.5	144	27.6	134	47.0	122	44.0	669	22.0
	Neither agree nor disagree	170	11.3	38	7.4	26	6.3	31	11.2	265	10.8
	Disagree	131	6.9	25	7.2	12	5.2	19	6.3	187	6.8
	Strongly disagree	55	3.6	20	3.4	3	.5	6	2.6	84	3.4
	(Do not know)	852	52.0	211	44.0	84	24.9	54	16.0	1201	46.9
Total	1611	100.0	496	100.0	318	100.0	288	100.0	2713	100.0	

5.4. Perceptions of Nuclear Energy

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	74	4.6	30	7.0	21	9.4	27	9.2	152	5.4
	Mainly favourable	151	10.1	64	11.2	75	25.8	70	24.8	360	12.2
	Neither favourable nor unfavourable	296	20.9	153	26.9	76	24.6	72	27.5	597	22.2
	Mainly unfavourable	77	5.1	35	7.6	36	10.6	37	13.1	185	6.3
	Very unfavourable	230	12.8	39	7.4	18	4.0	31	10.9	318	11.8
	(Do not know)	771	46.6	177	39.8	89	25.5	51	14.4	1088	42.0
	Total	1599	100.0	498	100.0	315	100.0	288	100.0	2700	100.0

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
Multiple response table											
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	8.6	162	18.5	90	36.3	112	44.4	117	13.9	481
	Risk of accidents	25.4	414	34.4	177	52.7	148	48.0	132	29.3	871
	Risk of radiation or contamination	12.7	199	22.5	122	40.5	117	53.5	133	18.6	571
	General impact on the environment	13.8	218	11.5	65	26.4	93	27.7	69	15.3	445
	Cost is too high	13.3	194	10.5	56	22.9	62	15.0	39	13.5	351
	Nuclear power stations are ugly to look at	3.0	52	1.8	8	3.6	16	2.9	7	2.9	83
	Other (Specify)	.7	12	.2	2	.7	1	2.1	5	.8	20
	None (there are no disadvantages to nuclear energy)	5.4	77	5.6	33	1.7	5	2.2	7	5.0	122
(Do not know)	52.1	859	40.3	185	25.0	90	13.9	49	46.4	1183	

Multiple response table		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	8.8	137	9.2	49	13.7	52	18.5	40	10.0	278
	Helps to combat climate change	13.5	204	9.4	45	20.8	77	14.2	39	13.4	365
	It ensures a reliable supply of electricity	16.5	267	23.0	115	41.7	104	34.2	100	19.6	586
	It is a cleaner source of energy with less impact on the environment	7.3	118	7.8	35	14.6	46	19.7	46	8.8	245
	Only a small amount of waste is produced	5.2	85	4.8	25	18.2	31	12.9	28	6.3	169
	It is a proven technology that already exists	9.2	139	15.6	65	17.0	59	28.2	65	11.9	328
	It uses less fossil fuels or natural resources	3.3	59	5.8	29	17.2	50	13.2	38	5.0	176
	It offers an unlimited supply of power	9.3	173	9.9	65	28.2	82	18.7	53	10.8	373
	Other (Specify)	.4	5	.9	1	.6	4	2.4	7	.7	17
	None (there are no benefits to nuclear energy)	10.7	160	4.9	32	3.3	14	10.9	24	10.0	230
(Do not know)	52.9	882	50.0	234	30.3	108	23.4	79	49.0	1303	

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	93	6.4	67	16.0	29	9.7	48	18.3	237	8.6
	Agree	355	22.6	183	33.8	152	55.0	136	51.5	826	27.5
	Neither agree nor disagree	197	10.8	43	6.1	24	5.6	26	8.0	290	9.9
	Disagree	130	8.4	28	4.8	22	5.2	23	6.0	203	7.7
	Strongly disagree	40	3.1	7	1.0	4	.9	5	2.7	56	2.8
	(Do not know)	797	48.6	171	38.3	87	23.7	49	13.5	1104	43.4
	Total	1612	100.0	499	100.0	318	100.0	287	100.0	2716	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	132	7.7	62	11.7	44	12.5	41	13.7	279	8.8
	Agree	346	23.5	144	29.5	135	47.5	99	36.0	724	26.0
	Neither agree nor disagree	207	12.3	65	13.4	23	7.7	48	21.2	343	13.1
	Disagree	96	5.7	36	6.2	24	7.0	38	13.4	194	6.6
	Strongly disagree	65	4.4	14	2.4	5	.9	16	4.1	100	4.1
	(Do not know)	766	46.4	178	36.8	86	24.4	45	11.7	1075	41.4
	Total	1612	100.0	499	100.0	317	100.0	287	100.0	2715	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	116	8.2	53	11.0	30	10.5	45	16.9	244	9.4
	Agree	273	17.8	157	33.9	109	35.6	108	34.7	647	21.5
	Neither agree nor disagree	249	14.6	76	10.7	47	15.2	51	24.8	423	15.3
	Disagree	118	7.4	24	5.7	29	7.2	32	8.2	203	7.3
	Strongly disagree	30	1.7	5	.8	7	3.2	5	2.8	47	1.8
	(Do not know)	823	50.3	184	38.0	96	28.3	45	12.7	1148	44.7
	Total	1609	100.0	499	100.0	318	100.0	286	100.0	2712	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	105	6.5	47	12.6	47	12.4	49	15.7	248	8.1
	Agree	289	19.7	134	24.5	102	32.8	109	44.3	634	23.0
	Neither agree nor disagree	214	13.9	72	12.5	41	18.7	48	14.3	375	14.0
	Disagree	135	7.4	32	7.9	33	8.0	20	7.4	220	7.5
	Strongly disagree	53	2.9	13	2.6	4	1.3	4	.6	74	2.6
	(Do not know)	813	49.7	199	39.9	91	26.8	56	17.7	1159	44.9
	Total	1609	100.0	497	100.0	318	100.0	286	100.0	2710	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	229	14.2	57	11.8	35	14.8	40	12.9	361	13.9
	Maintained the same	374	25.1	159	29.3	96	30.1	94	32.1	723	26.4
	Increased	161	9.4	66	16.4	88	28.6	82	29.9	397	12.7
	(Do not know)	847	51.2	215	42.4	98	26.5	68	25.2	1228	47.1
	Total	1611	100.0	497	100.0	317	100.0	284	100.0	2709	100.0

5.5. Perceptions of Nuclear Safety

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	198	11.7	43	8.1	31	8.6	42	15.7	314	11.7
	Some risk	256	18.2	129	26.9	128	41.5	105	34.9	618	21.4
	Not much of a risk	211	13.4	79	16.9	48	18.0	55	21.6	393	14.7
	No risk at all	89	5.0	48	8.0	20	6.8	32	13.2	189	6.1
	(Do not know)	860	51.7	200	40.0	90	25.1	52	14.6	1202	46.1
	Total	1614	100.0	499	100.0	317	100.0	286	100.0	2716	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	96	5.6	24	4.9	32	9.6	40	13.2	192	6.5
	Agree	231	16.6	103	20.9	122	35.2	100	36.4	556	19.5
	Neither agree nor disagree	303	18.5	106	20.3	53	15.9	65	24.0	527	19.2
	Disagree	84	4.7	35	5.9	17	7.2	20	7.5	156	5.2
	Strongly disagree	26	1.6	9	1.6	4	3.8	6	1.9	45	1.7
	(Do not know)	873	52.9	220	46.4	90	28.3	56	17.0	1239	48.0
Total	1613	100.0	497	100.0	318	100.0	287	100.0	2715	100.0	
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	76	4.8	16	3.6	20	8.3	21	9.3	133	5.3
	Somewhat exaggerated	186	13.1	71	13.2	79	24.1	70	25.1	406	14.6
	Somewhat underestimated	216	13.5	98	18.0	64	18.7	67	22.3	445	14.9
	Strongly underestimated	62	4.4	24	4.0	21	11.9	23	7.3	130	4.9
	Nuclear risks are perceived correctly	146	7.9	44	8.1	31	8.5	34	11.3	255	8.3
	(Do not know)	926	56.3	245	53.0	103	28.5	72	24.7	1346	52.0
Total	1612	100.0	498	100.0	318	100.0	287	100.0	2715	100.0	
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	144	9.1	50	11.9	76	20.6	73	25.1	343	11.3
	Somewhat concerned	261	18.4	98	17.9	101	32.5	97	35.7	557	20.5
	A little concerned	209	12.1	94	18.7	41	15.5	43	16.9	387	13.3
	Not at all concerned	241	15.1	94	18.0	21	8.4	30	11.3	386	14.8
	(Do not know)	753	45.4	161	33.5	79	23.1	43	11.0	1036	40.1
	Total	1608	100.0	497	100.0	318	100.0	286	100.0	2709	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	57	4.4	16	3.4	7	3.6	14	5.2	94	4.4
	Enough	234	16.9	110	21.9	69	23.8	75	27.5	488	18.7
	Too little	238	13.5	77	15.5	75	23.1	71	26.0	461	15.3
	Far too little	176	10.1	43	6.6	44	14.2	41	11.5	304	10.0
	(Do not know)	897	55.1	246	52.6	122	35.2	86	29.7	1351	51.7
	Total	1602	100.0	492	100.0	317	100.0	287	100.0	2698	100.0

5.6. Views on Nuclear Energy in a Global Context

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	183	11.7	92	15.5	53	14.9	92	32.5	420	14.3
	Agree	341	20.4	162	31.2	120	41.2	103	40.8	726	24.1
	Neither agree nor disagree	183	11.4	52	10.8	40	10.6	31	9.8	306	11.1
	Disagree	156	10.4	43	8.1	29	12.3	21	5.0	249	9.7
	Strongly disagree	29	2.0	7	.7	2	.3	2	.8	40	1.7
	(Do not know)	719	44.2	142	33.6	71	20.6	38	11.1	970	39.2
	Total	1611	100.0	498	100.0	315	100.0	287	100.0	2711	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	45	3.5	12	2.8	8	2.1	7	2.8	72	3.3
	Agree	179	11.6	48	8.4	28	9.3	30	11.0	285	11.2
	Neither agree nor disagree	208	13.5	43	7.6	40	10.2	30	8.1	321	12.3
	Disagree	260	14.1	146	29.3	112	42.6	92	36.2	610	18.6
	Strongly disagree	155	9.8	83	15.4	58	15.5	91	30.6	387	12.6
	(Do not know)	761	47.4	166	36.5	70	20.3	37	11.2	1034	42.0
	Total	1608	100.0	498	100.0	316	100.0	287	100.0	2709	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	190	11.7	83	14.7	53	13.1	81	26.8	407	13.6
	Agree	324	20.9	174	37.7	149	52.0	127	50.9	774	26.4
	Neither agree nor disagree	215	13.5	52	7.0	30	7.0	23	4.9	320	11.8
	Disagree	70	3.9	18	4.5	12	6.4	10	3.0	110	3.9
	Strongly disagree	16	.8	7	.9	0	0.0	8	2.7	31	1.0
	(Do not know)	792	49.2	162	35.1	74	21.6	38	11.6	1066	43.3
	Total	1607	100.0	496	100.0	318	100.0	287	100.0	2708	100.0

5.7. Information on Nuclear Energy

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	272	14.8	62	11.7	32	8.4	13	3.5	379	13.2
	South African Nuclear Energy Corporation Ltd	210	11.7	93	17.3	94	30.3	84	24.1	481	14.0
	Regional and local authorities	17	1.5	2	.6	4	.5	1	.1	24	1.2
	Energy companies that operate nuclear power plants	98	6.6	38	6.9	19	6.3	16	4.4	171	6.4
	Schools	40	3.3	7	.9	2	.7	2	.6	51	2.7
	The African Union	7	.5	3	.5	1	.2	3	.6	14	.5
	Scientists	87	6.9	39	9.4	43	14.2	47	18.4	216	8.5
	Non-governmental organisations (NGOs)	32	1.8	17	3.3	13	4.2	14	9.7	76	2.8
	International organisations working on issues of nuclear technology	12	.8	13	2.8	6	3.2	25	10.1	56	2.0
	Journalists (TV, radio, newspapers)	108	7.6	58	6.8	20	5.4	15	5.2	201	7.2
	Friends and family	36	2.0	8	.7	5	.6	6	1.6	55	1.8
	Other	4	.6	1	.4	2	.4	3	1.6	10	.7
	None	77	4.6	20	4.7	11	2.1	13	3.5	121	4.5
	(Do not know)	605	37.3	133	34.1	65	23.5	44	16.6	847	34.5
Total	1605	100.0	494	100.0	317	100.0	286	100.0	2702	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	171	13.5	44	7.7	42	10.9	48	18.4	305	13.4
	No	990	59.6	378	75.9	231	76.0	216	76.7	1815	63.3
	(Do not know)	431	26.9	70	16.4	40	13.1	19	4.9	560	23.3
	Total	1592	100.0	492	100.0	313	100.0	283	100.0	2680	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	500	32.2	253	52.5	191	59.8	183	66.1	1127	38.3
	No	340	21.7	75	11.5	40	14.0	53	18.8	508	20.3
	(Do not know)	763	46.0	166	36.0	86	26.3	50	15.1	1065	41.4
	Total	1603	100.0	494	100.0	317	100.0	286	100.0	2700	100.0

5.8. Final Assessment of Nuclear Energy and Technology

		221. Race of respondent									
		Black African		Coloured		Indian/Asian		White		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. as a benefit or a risk?	More as a benefit	194	13.2	81	16.6	87	25.7	82	32.9	444	15.9
	More as a risk	292	19.7	90	15.4	85	25.9	86	31.3	553	20.6
	Neither/indifferent	333	19.4	149	29.6	64	31.8	67	21.1	613	20.9
	(Do not know)	785	47.6	173	38.3	80	16.6	51	14.7	1089	42.6
	Total	1604	100.0	493	100.0	316	100.0	286	100.0	2699	100.0

6. Results Disaggregated by Educational Attainment (Weighted %, Unweighted N)

6.1. Knowledge of Nuclear Technology

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	2	1.4	6	3.7	34	3.6	38	5.2	27	9.5	3	3.6	110	4.6
	Somewhat knowledgeable	5	5.6	26	7.2	169	14.9	173	23.6	106	31.6	10	23.7	489	17.8
	Not very knowledgeable	15	9.7	51	11.4	186	16.3	193	25.9	67	28.9	6	15.2	518	19.4
	Not at all knowledgeable	44	32.7	224	49.3	414	36.9	201	24.1	72	20.2	7	38.8	962	33.2
	(Do not know)	62	50.7	136	28.4	264	28.3	122	21.3	21	9.7	5	18.6	610	25.0
	Total	128	100.0	443	100.0	1067	100.0	727	100.0	293	100.0	31	100.0	2689	100.0
37. South Africa has a nuclear power station in the Western Cape	True	15	12.2	94	22.5	325	26.0	320	41.9	178	53.5	19	41.6	951	32.6
	False	6	7.2	36	9.7	117	11.0	85	12.1	40	16.2	0	0.0	284	11.3
	(Do not know)	106	80.6	312	67.8	623	63.0	320	46.0	75	30.3	12	58.4	1448	56.1
	Total	127	100.0	442	100.0	1065	100.0	725	100.0	293	100.0	31	100.0	2683	100.0
38. South Africa has never built nuclear weapons	True	12	13.6	35	10.5	165	16.3	161	21.2	61	18.4	5	11.9	439	16.9
	False	11	7.6	80	18.7	258	21.0	247	32.6	141	45.2	11	21.1	748	26.0
	(Do not know)	104	78.8	327	70.8	639	62.7	315	46.2	91	36.4	15	67.0	1491	57.1
	Total	127	100.0	442	100.0	1062	100.0	723	100.0	293	100.0	31	100.0	2678	100.0
39. South Africa has a nuclear research Centre in North West province	True	16	13.3	42	10.3	205	17.3	215	29.1	135	42.0	13	28.9	626	22.2
	False	4	6.1	53	14.1	146	14.1	126	16.2	40	12.5	1	1.6	370	14.0
	(Do not know)	108	80.6	345	75.5	714	68.6	380	54.7	117	45.5	17	69.5	1681	63.7
	Total	128	100.0	440	100.0	1065	100.0	721	100.0	292	100.0	31	100.0	2677	100.0

6.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	5.8	7	7.7	40	14.3	162	21.5	171	27.9	92	29.3	14	16.7	486
	Less harmful to the environment than other energy sources	4.3	5	7.1	21	6.8	71	7.4	55	16.5	34	9.8	4	8.0	190
	Cost-efficient alternative	1.1	4	3.5	15	3.9	68	8.4	67	17.1	56	18.5	8	6.6	218
	Energy production efficiency	1.6	2	8.2	32	11.1	139	16.7	150	28.1	86	31.9	13	14.0	422
	Plentiful/renewable	2.4	2	.6	8	2.7	30	4.1	36	5.9	19	9.6	4	3.2	99
	It is a non-fossil fuel	3.0	2	2.9	14	5.8	65	7.1	66	15.5	46	12.5	3	6.8	196
	It is a safe technology/energy source	2.4	3	2.5	11	6.8	71	7.0	50	11.4	27	.2	1	6.4	163
	Creates jobs/helps economy	4.5	8	9.2	38	10.3	141	12.2	109	21.4	58	11.1	5	11.6	359
	Advanced technology/research	.5	2	1.9	12	7.2	75	9.7	67	22.3	66	12.4	6	8.5	228
	Produces power/electricity/energy	9.9	12	9.0	47	13.0	177	19.2	162	33.9	103	21.3	8	16.3	509
	Other (specify)	0.0	0	.4	2	.1	5	1.0	4	.1	1	.2	1	.4	13
	None/no benefits	13.1	19	10.5	32	8.2	78	10.2	64	13.4	22	3.8	1	9.7	216
	(Do not know / no answer)	70.5	89	64.5	296	57.0	563	39.5	264	20.8	63	58.5	12	49.9	1287

Multiple response table		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	2.6	6	6.1	34	8.6	129	16.7	149	31.8	101	20.5	9	12.9	428
	The safety of nuclear power plants	13.1	16	10.1	39	14.2	178	19.1	164	28.6	95	22.9	10	16.6	502
	The disposal of nuclear waste	3.2	8	3.4	27	9.2	120	14.7	135	37.7	107	32.8	14	13.0	411
	The environmental effects of producing nuclear electricity	5.4	8	8.0	22	8.2	93	12.5	98	21.2	63	25.9	10	10.9	294
	Lack of knowledge of implications	5.4	8	5.8	27	8.2	78	10.1	77	18.2	55	13.7	6	9.4	251
	Weapons/warfare	5.3	7	5.6	23	9.9	109	15.8	128	24.8	73	20.0	7	12.5	347
	Misuse/abuse of nuclear technology	.5	2	1.9	15	6.2	82	8.7	77	13.3	47	10.4	5	6.9	228
	The cost of nuclear-generated electricity	2.3	3	4.1	14	5.3	70	10.4	66	16.8	44	7.9	3	7.7	200
	Dangerous/frightening	11.0	14	9.9	50	12.1	146	12.4	109	14.9	57	8.9	4	12.1	380
	Lack of controls/regulations	6.1	7	4.9	18	4.5	53	4.9	38	9.3	37	2.7	3	5.2	156
	Incompetence/ improperly managed	.8	2	.2	3	3.2	39	4.7	32	9.6	37	10.7	4	3.9	117
	Overall negative/against it	5.1	4	.9	2	2.4	25	1.6	15	8.4	17	1.4	1	2.6	64
	Other (specify)	0.0	0	.0	1	.0	2	.7	2	1.7	3	0.0	0	.4	8
	None/no concerns	4.9	7	12.5	42	7.0	79	6.3	46	3.9	14	.3	1	7.1	189
	(Do not know / no answer)	66.8	83	60.2	276	54.5	530	38.8	255	18.4	56	58.4	12	47.8	1212

6.3. Support for Different Applications of Nuclear Technology

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	6	2.1	29	6.5	93	9.2	79	11.9	39	10.8	3	4.3	249	9.4
	Agree	14	6.4	90	21.8	266	24.1	242	29.8	121	37.4	14	35.3	747	26.3
	Neither agree nor disagree	14	11.9	39	10.6	81	7.0	83	12.2	38	13.1	1	2.2	256	9.7
	Disagree	12	11.7	30	6.8	95	8.5	70	8.6	35	15.8	1	1.4	243	9.0
	Strongly disagree	4	3.5	7	2.0	26	2.3	27	4.1	11	7.1	0	0.0	75	3.3
	(Do not know)	78	64.4	245	52.4	506	48.9	221	33.4	47	15.8	12	56.7	1109	42.3
	Total	128	100.0	440	100.0	1067	100.0	722	100.0	291	100.0	31	100.0	2679	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	6	2.1	35	7.9	114	10.2	117	17.8	51	20.6	4	6.1	327	12.7
	Agree	15	7.0	115	25.0	346	30.1	274	30.3	150	51.0	11	26.9	911	30.6
	Neither agree nor disagree	14	12.0	37	9.2	71	6.5	71	11.9	25	6.1	3	8.8	221	8.6
	Disagree	12	11.7	18	4.9	43	3.9	36	5.0	22	7.4	1	1.4	132	4.9
	Strongly disagree	4	3.5	8	3.2	17	1.8	18	3.6	5	1.8	0	0.0	52	2.5
	(Do not know)	77	63.7	227	50.0	476	47.5	203	31.4	38	13.1	12	56.7	1033	40.6
	Total	128	100.0	440	100.0	1067	100.0	719	100.0	291	100.0	31	100.0	2676	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	2	1.2	23	6.2	63	6.4	63	8.8	23	7.1	1	.6	175	6.8
	Agree	11	5.8	78	17.7	227	20.1	213	26.6	93	30.6	9	19.2	631	22.1
	Neither agree nor disagree	11	10.3	49	10.7	114	10.6	122	15.7	52	19.8	4	8.9	352	13.0
	Disagree	15	13.0	26	5.8	94	7.4	59	7.4	49	19.4	4	8.7	247	8.6
	Strongly disagree	4	3.5	7	2.0	28	2.5	25	4.5	24	6.9	0	0.0	88	3.4
	(Do not know)	85	66.2	256	57.6	540	52.9	236	37.0	49	16.2	12	62.7	1178	46.0
	Total	128	100.0	439	100.0	1066	100.0	718	100.0	290	100.0	30	100.0	2671	100.0
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	2	1.2	15	5.1	51	4.6	51	9.9	22	6.3	0	0.0	141	6.1
	Agree	8	6.4	65	16.4	203	18.9	154	18.6	44	12.8	6	14.5	480	17.3
	Neither agree nor disagree	13	8.2	37	8.1	84	8.2	70	9.3	28	12.4	1	2.2	233	8.8
	Disagree	15	8.9	42	8.4	156	12.9	133	14.0	78	25.7	9	21.6	433	13.9
	Strongly disagree	9	10.6	27	5.4	75	5.8	88	12.9	70	28.1	3	2.6	272	10.1
	(Do not know)	81	64.7	254	56.5	498	49.6	225	35.2	48	14.8	12	59.2	1118	43.7
	Total	128	100.0	440	100.0	1067	100.0	721	100.0	290	100.0	31	100.0	2677	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	8	6.4	30	8.4	108	8.9	91	10.7	57	15.7	4	9.2	298	9.9
	Agree	10	5.7	79	15.3	234	20.1	221	27.3	106	30.0	12	28.9	662	22.0
	Neither agree nor disagree	13	10.2	37	11.3	86	8.2	83	12.4	40	16.9	3	5.2	262	10.7
	Disagree	12	8.8	21	4.4	76	7.1	54	7.1	24	9.6	0	0.0	187	6.9
	Strongly disagree	5	4.2	11	3.1	36	3.2	25	4.0	7	3.4	0	0.0	84	3.4
	(Do not know)	80	64.6	263	57.6	528	52.5	248	38.5	56	24.4	12	56.7	1187	46.9
	Total	128	100.0	441	100.0	1068	100.0	722	100.0	290	100.0	31	100.0	2680	100.0

6.4. Perceptions of Nuclear Energy

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	3	1.8	11	4.0	56	4.9	55	6.9	22	6.8	5	6.2	152	5.5
	Mainly favourable	5	2.4	27	5.2	113	10.1	125	15.1	75	23.8	8	18.5	353	12.1
	Neither favourable nor unfavourable	12	9.5	77	18.9	216	19.9	196	27.2	85	29.2	4	11.6	590	22.3
	Mainly unfavourable	2	3.3	20	4.0	77	6.6	55	6.0	29	11.2	1	3.8	184	6.3
	Very unfavourable	27	21.9	51	13.4	114	9.7	88	12.8	31	12.8	1	1.4	312	11.7
	(Do not know)	78	61.1	251	54.5	483	48.9	205	31.9	47	16.1	12	58.5	1076	42.1
	Total	127	100.0	437	100.0	1059	100.0	724	100.0	289	100.0	31	100.0	2667	100.0

Multiple response table		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	10.5	13	6.6	32	10.1	149	16.7	159	31.7	108	27.7	13	14.0	474
	Risk of accidents	20.0	24	20.8	101	27.0	321	32.4	265	44.6	132	33.6	16	29.3	859
	Risk of radiation or contamination	7.0	6	9.3	50	14.4	180	22.7	198	39.9	117	25.4	13	18.5	564
	General impact on the environment	6.6	11	8.3	35	14.8	159	17.0	140	25.6	86	18.0	9	15.3	440
	Cost is too high	2.9	4	10.0	40	12.3	125	16.9	121	20.5	57	2.0	3	13.6	350
	Nuclear power stations are ugly to look at	.7	3	1.6	5	2.8	32	3.8	29	4.2	12	1.4	1	2.9	82
	Other (Specify)	2.3	1	0.0	0	.6	7	1.5	8	.6	4	0.0	0	.8	20
	None (there are no disadvantages to nuclear energy)	3.6	7	5.2	17	4.9	45	5.1	36	5.7	15	3.8	1	5.0	121
	(Do not know)	65.3	82	62.0	275	52.6	523	36.4	230	18.3	50	56.1	10	46.4	1170

Multiple response table		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	3.7	6	4.0	17	8.9	106	13.0	91	17.2	55	12.8	3	10.1	278
	Helps to combat climate change	6.2	6	11.9	36	12.7	147	14.2	109	19.5	57	11.1	4	13.4	359
	It ensures a reliable supply of electricity	5.4	10	17.8	69	15.2	189	23.2	198	33.3	100	30.3	13	19.6	579
	It is a cleaner source of energy with less impact on the environment	2.4	3	6.1	27	7.1	88	9.3	74	18.7	43	18.2	7	8.8	242
	Only a small amount of waste is produced	1.4	2	5.6	19	4.6	51	7.5	56	12.5	34	12.0	6	6.4	168
	It is a proven technology that already exists	.4	3	5.6	25	10.0	110	14.0	113	25.0	63	20.7	9	11.9	323
	It uses less fossil fuels or natural resources	4.9	3	.9	8	5.1	66	4.9	58	10.1	37	7.2	2	5.0	174
	It offers an unlimited supply of power	5.8	9	6.8	38	8.9	130	13.7	116	18.9	72	9.0	5	10.9	370
	Other (Specify)	0.0	0	0.0	0	.8	8	.5	3	2.0	6	0.0	0	.7	17
	None (there are no benefits to nuclear energy)	16.7	20	8.1	33	8.7	76	10.6	72	15.4	28	3.8	1	10.1	230
(Do not know)	66.9	84	62.8	289	55.6	566	39.6	267	21.1	70	59.2	12	49.1	1288	

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	5	3.6	26	6.6	80	8.1	73	9.2	45	14.5	5	7.3	234	8.7
	Agree	12	5.4	92	23.9	305	24.6	257	31.2	137	41.7	13	33.4	816	27.5
	Neither agree nor disagree	23	12.1	41	9.7	112	9.5	80	10.0	31	12.7	2	4.3	289	10.0
	Disagree	15	13.0	28	6.6	70	6.2	63	7.9	25	14.0	0	0.0	201	7.7
	Strongly disagree	4	6.4	8	2.1	20	2.0	18	4.3	6	2.0	0	0.0	56	2.8
	(Do not know)	69	59.5	246	51.1	481	49.6	235	37.4	46	15.1	11	54.9	1088	43.3
	Total	128	100.0	441	100.0	1068	100.0	726	100.0	290	100.0	31	100.0	2684	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	7	3.2	28	8.1	108	7.6	80	10.2	48	13.3	6	8.2	277	8.8
	Agree	16	10.3	77	20.3	274	24.6	242	30.4	98	34.5	7	17.7	714	26.0
	Neither agree nor disagree	18	10.4	53	13.4	120	12.1	94	12.4	50	19.7	5	17.4	340	13.2
	Disagree	12	10.2	22	2.8	64	4.9	65	8.5	28	12.8	2	1.8	193	6.6
	Strongly disagree	5	7.0	15	4.9	31	3.4	29	4.6	18	3.9	0	0.0	98	4.1
	(Do not know)	70	59.0	246	50.5	471	47.5	215	33.9	48	15.7	11	54.9	1061	41.4
	Total	128	100.0	441	100.0	1068	100.0	725	100.0	290	100.0	31	100.0	2683	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	5	4.3	25	8.9	83	7.3	85	11.9	40	13.8	3	8.6	241	9.4
	Agree	11	8.6	71	16.5	247	20.7	200	23.3	103	31.3	8	22.1	640	21.5
	Neither agree nor disagree	25	16.4	53	13.3	147	12.0	126	17.0	64	28.7	3	3.1	418	15.3
	Disagree	10	7.2	30	6.4	75	7.7	61	7.6	21	6.3	4	7.1	201	7.3
	Strongly disagree	4	3.9	4	.6	15	1.6	13	2.1	9	2.6	2	4.1	47	1.8
	(Do not know)	73	59.5	258	54.3	500	50.6	239	38.2	52	17.3	11	55.0	1133	44.7
	Total	128	100.0	441	100.0	1067	100.0	724	100.0	289	100.0	31	100.0	2680	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	6	5.2	23	6.3	81	6.8	80	10.1	49	11.9	4	6.3	243	8.1
	Agree	8	4.3	65	16.1	256	23.0	195	25.1	92	32.8	10	27.3	626	23.0
	Neither agree nor disagree	22	14.6	55	14.7	134	12.6	113	14.5	46	18.7	2	2.8	372	14.0
	Disagree	9	7.3	25	4.3	71	6.2	73	8.7	39	14.5	2	2.2	219	7.4
	Strongly disagree	7	6.5	8	2.7	27	1.8	22	3.6	9	1.9	0	0.0	73	2.6
	(Do not know)	76	62.2	267	55.9	494	49.7	241	38.0	54	20.2	13	61.4	1145	44.9
	Total	128	100.0	443	100.0	1063	100.0	724	100.0	289	100.0	31	100.0	2678	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	28	23.9	43	12.1	127	12.3	108	13.9	52	21.9	1	1.4	359	13.9
	Maintained the same	13	8.9	86	22.7	270	24.7	244	30.2	95	35.1	8	21.3	716	26.4
	Increased	9	4.1	35	7.3	146	11.1	111	14.9	79	21.5	11	22.7	391	12.6
	(Do not know)	78	63.1	277	57.9	521	51.9	262	41.0	63	21.4	11	54.6	1212	47.1
	Total	128	100.0	441	100.0	1064	100.0	725	100.0	289	100.0	31	100.0	2678	100.0

6.5. Perceptions of Nuclear Safety

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	17	14.7	37	9.3	113	10.2	102	13.9	42	16.2	1	2.6	312	11.8
	Some risk	14	11.1	60	16.5	213	17.6	217	26.9	96	32.5	10	16.5	610	21.4
	Not much of a risk	10	7.8	48	12.2	142	13.9	117	15.2	68	22.7	5	13.4	390	14.7
	No risk at all	6	4.0	21	2.7	86	6.8	41	6.0	28	8.5	5	11.4	187	6.1
	(Do not know)	81	62.4	277	59.3	513	51.4	250	38.0	55	20.1	10	56.1	1186	46.1
	Total	128	100.0	443	100.0	1067	100.0	727	100.0	289	100.0	31	100.0	2685	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident	Strongly agree	7	7.2	21	6.2	56	4.1	68	8.8	34	9.3	3	5.5	189	6.4
	Agree	13	8.9	47	9.5	208	18.4	178	22.2	93	34.7	11	22.0	550	19.5
	Neither agree nor disagree	23	15.1	70	18.0	198	19.5	162	20.0	65	21.1	4	7.0	522	19.2
	Disagree	4	4.1	15	3.8	59	3.7	49	6.6	25	8.9	2	7.4	154	5.2
	Strongly disagree	1	.2	4	.4	18	1.8	13	1.9	8	2.9	1	2.1	45	1.7
	(Do not know)	80	64.5	285	62.1	529	52.5	255	40.4	65	23.0	10	56.1	1224	48.0
	Total	128	100.0	442	100.0	1068	100.0	725	100.0	290	100.0	31	100.0	2684	100.0
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	2	1.7	15	5.1	42	3.9	46	6.6	27	9.2	1	3.8	133	5.3
	Somewhat exaggerated	10	6.9	33	7.8	148	12.2	128	18.3	75	26.0	9	20.8	403	14.7
	Somewhat underestimated	18	11.7	39	12.4	160	14.1	156	17.1	61	18.8	4	5.8	438	15.0
	Strongly underestimated	2	2.1	18	3.1	38	3.4	44	5.1	24	13.5	2	6.1	128	4.8
	Nuclear risks are perceived correctly	13	11.9	34	5.1	94	7.7	68	9.7	39	10.4	4	7.2	252	8.3
	(Do not know)	83	65.7	304	66.4	585	58.7	283	43.1	64	22.1	11	56.2	1330	51.9
	Total	128	100.0	443	100.0	1067	100.0	725	100.0	290	100.0	31	100.0	2684	100.0
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	14	10.4	20	3.7	115	9.7	113	13.1	72	24.3	5	6.6	339	11.3
	Somewhat concerned	15	11.1	53	14.8	188	17.4	182	23.8	100	33.2	14	36.8	552	20.6
	A little concerned	12	6.3	55	11.3	164	13.8	114	15.5	36	12.2	0	0.0	381	13.2
	Not at all concerned	21	16.8	69	17.6	159	14.9	97	13.5	35	15.6	2	5.4	383	14.9
	(Do not know)	66	55.4	243	52.5	441	44.2	219	34.1	46	14.7	9	51.3	1024	40.1
	Total	128	100.0	440	100.0	1067	100.0	725	100.0	289	100.0	30	100.0	2679	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	2	1.8	13	3.7	28	2.7	40	7.4	10	4.7	0	0.0	93	4.3
	Enough	11	9.3	51	16.7	165	14.9	164	21.3	78	30.9	13	31.6	482	18.7
	Too little	15	9.7	51	8.0	173	15.1	131	17.2	80	23.3	7	12.0	457	15.3
	Far too little	21	14.7	37	7.8	125	10.2	78	9.5	39	13.4	1	4.6	301	10.0
	(Do not know)	77	64.5	290	63.8	568	57.1	309	44.5	81	27.6	10	51.8	1335	51.7
	Total	126	100.0	442	100.0	1059	100.0	722	100.0	288	100.0	31	100.0	2668	100.0

6.6. Views on Nuclear Energy in a Global Context

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	11	11.7	43	8.0	146	11.6	125	17.2	82	28.4	4	5.5	411	14.3
	Agree	23	16.3	102	22.2	284	22.4	209	24.0	95	36.2	9	24.3	722	24.0
	Neither agree nor disagree	20	10.1	47	11.6	91	8.0	110	15.6	35	12.2	1	5.6	304	11.1
	Disagree	4	2.3	26	9.3	107	11.1	75	10.1	30	6.6	6	8.3	248	9.7
	Strongly disagree	2	1.3	4	1.6	19	2.0	11	1.3	4	1.8	0	0.0	40	1.7
	(Do not know)	68	58.4	221	47.3	418	44.9	194	31.8	44	14.8	11	56.3	956	39.2
	Total	128	100.0	443	100.0	1065	100.0	724	100.0	290	100.0	31	100.0	2681	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	3	.9	13	5.2	29	3.5	19	3.1	7	2.2	1	.8	72	3.3
	Agree	8	4.3	47	15.9	115	11.1	82	10.7	32	11.5	1	2.2	285	11.3
	Neither agree nor disagree	21	10.6	41	10.1	112	11.1	107	15.3	35	13.8	4	7.5	320	12.4
	Disagree	9	4.9	60	8.4	242	18.0	189	21.7	96	30.2	7	19.5	603	18.4
	Strongly disagree	14	18.0	43	9.2	119	9.0	120	15.1	74	22.7	7	13.7	377	12.6
	(Do not know)	73	61.3	238	51.2	446	47.3	208	34.2	46	19.8	11	56.3	1022	42.0
	Total	128	100.0	442	100.0	1063	100.0	725	100.0	290	100.0	31	100.0	2679	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	9	11.8	44	9.8	152	11.9	115	14.2	76	26.1	4	5.5	400	13.6
	Agree	20	11.5	93	19.4	290	23.9	227	29.4	123	41.7	12	32.9	765	26.3
	Neither agree nor disagree	22	12.3	47	13.7	110	10.2	110	15.4	28	7.6	2	1.6	319	11.9
	Disagree	2	2.6	9	2.0	43	4.1	41	4.9	13	3.7	1	2.1	109	3.9
	Strongly disagree	1	.5	2	.1	10	.7	14	1.6	3	1.9	1	1.6	31	1.0
	(Do not know)	74	61.3	246	55.0	458	49.1	218	34.5	47	19.0	11	56.3	1054	43.3
	Total	128	100.0	441	100.0	1063	100.0	725	100.0	290	100.0	31	100.0	2678	100.0

6.7. Information on Nuclear Energy

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	34	22.1	63	11.9	159	13.6	89	12.7	30	13.4	2	8.8	377	13.3
	South African Nuclear Energy Corporation Ltd	5	2.5	50	10.9	178	12.5	148	15.3	91	27.3	6	7.5	478	14.1
	Regional and local authorities	2	.9	7	4.3	9	.9	5	.7	1	.1	0	0.0	24	1.2
	Energy companies that operate nuclear power plants	5	3.5	16	5.7	64	5.7	58	8.5	24	5.3	2	6.5	169	6.4
	Schools	0	0.0	6	2.6	24	2.9	16	3.3	4	1.3	0	0.0	50	2.6
	The African Union	0	0.0	1	.4	2	.1	8	1.2	3	.5	0	0.0	14	.5
	Scientists	3	4.5	15	3.5	71	7.7	78	10.1	37	14.9	6	12.6	210	8.5
	Non-governmental organisations (NGOs)	2	1.2	12	2.7	15	.8	29	5.0	16	5.7	1	.5	75	2.8
	International organisations working on issues of nuclear technology	0	0.0	3	.8	19	1.8	18	1.4	13	5.6	2	7.3	55	2.0
	Journalists (TV, radio, newspapers)	8	6.8	24	5.1	101	9.7	47	5.2	20	7.2	0	0.0	200	7.2
	Friends and family	2	.3	14	2.4	23	2.0	13	2.2	3	.4	0	0.0	55	1.8
	Other	0	0.0	0	0.0	3	.6	4	1.3	1	.1	2	3.5	10	.7
	None	10	10.3	31	8.2	47	4.7	25	2.2	7	2.5	1	3.8	121	4.5
(Do not know)	57	47.9	201	41.3	348	37.2	180	30.7	39	15.9	9	49.5	834	34.4	
Total	128	100.0	443	100.0	1063	100.0	718	100.0	289	100.0	31	100.0	2672	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	6	5.9	22	8.5	101	10.8	106	14.7	64	31.2	3	3.0	302	13.4
	No	84	61.8	279	63.1	713	63.8	495	64.4	201	59.2	24	67.5	1796	63.4
	(Do not know)	37	32.3	137	28.4	236	25.4	115	20.8	24	9.5	3	29.5	552	23.2
	Total	127	100.0	438	100.0	1050	100.0	716	100.0	289	100.0	30	100.0	2650	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	27	22.1	120	24.3	427	36.2	341	41.8	180	62.7	19	43.0	1114	38.4
	No	34	27.9	65	19.9	189	18.8	157	22.1	56	21.0	2	5.2	503	20.2
	(Do not know)	67	50.0	255	55.8	447	45.1	223	36.1	52	16.3	10	51.8	1054	41.4
	Total	128	100.0	440	100.0	1063	100.0	721	100.0	288	100.0	31	100.0	2671	100.0

6.8. Final Assessment of Nuclear Energy and Technology

		Highest education level													
		No schooling		Primary		Some secondary, excluding matric		Matric or equivalent		Tertiary education		Other/Dont know		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and technology as a benefit or a risk?	More as a benefit	11	6.5	28	6.8	164	14.2	125	16.5	99	35.2	9	20.6	436	15.8
	More as a risk	14	13.4	66	16.3	193	17.5	192	25.6	76	30.0	6	12.2	547	20.7
	Neither/indifferent	27	20.4	90	22.4	236	21.1	186	21.9	65	17.5	5	10.9	609	20.9
	(Do not know)	75	59.7	255	54.4	467	47.2	221	36.0	49	17.3	11	56.3	1078	42.6
	Total	127	100.0	439	100.0	1060	100.0	724	100.0	289	100.0	31	100.0	2670	100.0

7. Results Disaggregated by Living Standard Measure (LSM) (Weighted %, Unweighted N)

7.1. Knowledge of Nuclear Technology

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	3	2.9	38	3.2	57	6.8	98	4.4
	Somewhat knowledgeable	10	5.2	170	13.6	273	27.6	453	17.7
	Not very knowledgeable	16	11.1	236	19.4	245	22.0	497	19.7
	Not at all knowledgeable	83	45.0	529	34.9	289	26.5	901	32.7
	(Do not know)	85	35.7	369	29.0	135	17.0	589	25.4
	Total	197	100.0	1342	100.0	999	100.0	2538	100.0
37. South Africa has a nuclear power station in the Western Cape	True	24	16.2	330	24.8	538	48.5	892	32.2
	False	17	10.8	149	12.4	101	9.6	267	11.4
	(Do not know)	154	73.0	861	62.7	358	41.8	1373	56.4
	Total	195	100.0	1340	100.0	997	100.0	2532	100.0
38. South Africa has never built nuclear weapons	True	16	15.7	184	15.5	227	21.0	427	17.4
	False	25	12.0	286	21.5	376	34.3	687	25.2
	(Do not know)	152	72.2	868	63.0	393	44.7	1413	57.5
	Total	193	100.0	1338	100.0	996	100.0	2527	100.0
39. South Africa has a nuclear research Centre in North West province	True	15	14.7	223	18.8	342	28.4	580	21.8
	False	21	8.7	180	13.9	149	15.1	350	13.9
	(Do not know)	159	76.6	937	67.3	500	56.5	1596	64.3
	Total	195	100.0	1340	100.0	991	100.0	2526	100.0

7.2. Perceived Benefits and Concerns Associated with Nuclear Technology

		LSM							
		Low		Medium		High		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N
Multiple response table									
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	6.7	12	12.5	167	24.9	266	16.3	445
	Less harmful to the environment than other energy sources	2.8	6	7.7	74	9.6	98	8.0	178
	Cost-efficient alternative	2.9	4	3.4	46	13.1	154	6.6	204
	Energy production efficiency	4.5	8	10.4	140	20.6	242	13.4	390
	Plentiful/renewable	0.0	0	2.0	28	5.9	64	3.2	92
	It is a non-fossil fuel	.9	2	4.5	57	11.3	121	6.5	180
	It is a safe technology/energy source	2.3	4	5.1	65	9.9	86	6.5	155
	Creates jobs/helps economy	4.3	7	10.4	149	15.3	172	11.6	328
	Advanced technology/research	2.2	4	4.4	55	16.3	150	8.2	209
	Produces power/electricity/energy	7.0	13	12.6	196	25.1	268	16.4	477
	Other (specify)	0.0	0	.3	7	.6	3	.4	10
	None/no benefits	16.5	22	11.0	133	7.5	60	10.2	215
	(Do not know / no answer)	64.8	143	55.1	752	36.5	319	49.6	1214

Multiple response table		LSM							
		Low		Medium		High		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	4.7	11	7.2	96	24.9	295	13.0	402
	The safety of nuclear power plants	7.9	15	12.5	180	26.2	277	16.8	472
	The disposal of nuclear waste	3.0	7	6.5	103	25.4	273	12.6	383
	The environmental effects of producing nuclear electricity	6.9	10	8.3	109	16.2	154	10.9	273
	Lack of knowledge of implications	3.9	7	8.1	99	12.0	121	9.1	227
	Weapons/warfare	5.0	9	9.5	120	19.0	195	12.4	324
	Misuse/abuse of nuclear technology	.2	1	4.1	69	12.3	139	6.6	209
	The cost of nuclear-generated electricity	3.0	6	6.2	78	11.9	106	7.9	190
	Dangerous/frightening	7.9	16	11.4	167	13.7	172	11.9	355
	Lack of controls/regulations	4.4	4	4.8	67	5.8	73	5.1	144
	Incompetence/ improperly managed	.3	2	2.3	33	7.5	69	3.9	104
	Overall negative/against it	0.0	0	2.1	26	4.3	35	2.7	61
	Other (specify)	0.0	0	.3	4	.6	4	.4	8
	None/no concerns	17.4	24	7.2	101	4.7	56	7.1	181
	(Do not know / no answer)	60.8	136	54.1	727	34.1	283	47.9	1146

7.3. Support for Different Applications of Nuclear Technology

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	15	8.8	105	9.0	109	9.0	229	9.0
	Agree	31	19.4	298	22.4	376	34.4	705	26.2
	Neither agree nor disagree	8	6.2	131	11.0	105	9.4	244	10.1
	Disagree	9	4.4	118	8.6	102	11.2	229	9.2
	Strongly disagree	3	.7	36	3.1	29	4.1	68	3.3
	(Do not know)	131	60.5	650	45.9	272	32.0	1053	42.3
	Total	197	100.0	1338	100.0	993	100.0	2528	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	12	6.5	121	9.9	175	18.8	308	12.7
	Agree	40	25.2	364	26.2	444	38.7	848	30.4
	Neither agree nor disagree	10	6.8	121	9.6	79	7.2	210	8.6
	Disagree	5	2.3	78	5.9	43	4.3	126	5.1
	Strongly disagree	3	.7	33	3.4	13	1.7	49	2.6
	(Do not know)	127	58.4	621	44.9	236	29.2	984	40.6
	Total	197	100.0	1338	100.0	990	100.0	2525	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	10	6.7	76	6.4	74	7.8	160	6.9
	Agree	24	12.1	255	19.7	313	27.4	592	21.8
	Neither agree nor disagree	17	12.9	155	12.1	160	14.6	332	13.0
	Disagree	7	1.8	109	7.3	117	12.6	233	8.7
	Strongly disagree	4	2.0	36	3.0	40	4.5	80	3.4
	(Do not know)	135	64.5	702	51.4	286	33.0	1123	46.2
	Total	197	100.0	1333	100.0	990	100.0	2520	100.0
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	7	5.5	54	4.7	69	9.1	130	6.2
	Agree	24	12.1	225	18.9	198	15.4	447	17.2
	Neither agree nor disagree	14	9.4	116	9.3	92	8.1	222	8.9
	Disagree	12	8.5	174	10.7	224	19.7	410	13.6
	Strongly disagree	7	2.2	96	7.5	151	17.0	254	10.3
	(Do not know)	133	62.3	672	48.9	258	30.7	1063	43.8
	Total	197	100.0	1337	100.0	992	100.0	2526	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	13	9.9	110	7.8	151	11.6	274	9.2
	Agree	21	11.4	235	17.8	373	33.0	629	22.4
	Neither agree nor disagree	12	7.9	135	11.8	97	9.7	244	10.8
	Disagree	9	4.0	109	7.6	62	7.0	180	7.1
	Strongly disagree	4	2.4	47	3.8	27	3.1	78	3.5
	(Do not know)	138	64.4	704	51.2	283	35.7	1125	46.9
	Total	197	100.0	1340	100.0	993	100.0	2530	100.0

7.4. Perceptions of Nuclear Energy

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	5	6.3	59	4.0	76	8.1	140	5.5
	Mainly favourable	6	1.6	115	10.3	215	18.2	336	12.3
	Neither favourable nor unfavourable	26	18.7	258	20.0	266	25.5	550	21.8
	Mainly unfavourable	9	6.8	67	5.2	97	8.5	173	6.4
	Very unfavourable	19	9.2	197	13.9	83	9.1	299	12.0
	(Do not know)	129	57.4	639	46.5	252	30.7	1020	42.0
	Total	194	100.0	1335	100.0	989	100.0	2518	100.0

		LSM							
		Low		Medium		High		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N
Multiple response table									
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	4.6	10	8.1	133	25.8	300	13.8	443
	Risk of accidents	19.9	37	25.3	349	37.3	418	28.9	804
	Risk of radiation or contamination	7.4	11	12.8	167	31.6	350	18.7	528
	General impact on the environment	6.0	9	13.5	167	20.7	234	15.4	410
	Cost is too high	6.6	15	13.2	159	15.5	156	13.5	330
	Nuclear power stations are ugly to look at	.9	3	3.0	40	3.3	34	2.9	77
	Other (Specify)	1.1	1	.8	10	.9	8	.9	19
	None (there are no disadvantages to nuclear energy)	7.6	10	5.4	70	3.6	34	5.0	114
(Do not know)	66.0	138	51.4	707	33.5	265	46.5	1110	

Multiple response table		LSM							
		Low		Medium		High		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	4.4	9	9.6	112	13.7	149	10.6	270
	Helps to combat climate change	5.6	8	12.4	162	15.7	166	13.0	336
	It ensures a reliable supply of electricity	7.8	15	16.4	221	27.0	303	19.4	539
	It is a cleaner source of energy with less impact on the environment	3.8	5	7.2	97	12.7	130	8.8	232
	Only a small amount of waste is produced	2.6	5	5.3	67	7.7	77	5.9	149
	It is a proven technology that already exists	5.0	6	8.9	104	18.1	188	11.7	298
	It uses less fossil fuels or natural resources	1.7	2	3.1	47	8.4	112	4.8	161
	It offers an unlimited supply of power	8.5	18	8.6	135	14.8	190	10.7	343
	Other (Specify)	0.0	0	.4	4	1.4	13	.7	17
	None (there are no benefits to nuclear energy)	9.0	15	11.2	135	9.4	68	10.4	218
(Do not know)	68.2	143	53.5	743	37.7	339	49.3	1225	

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	13	9.0	78	6.4	134	12.8	225	8.7
	Agree	25	21.0	298	21.9	438	38.2	761	27.3
	Neither agree nor disagree	16	9.2	177	11.5	73	6.6	266	9.7
	Disagree	9	4.4	103	8.3	78	7.5	190	7.8
	Strongly disagree	1	.3	38	3.4	15	2.6	54	2.9
	(Do not know)	132	56.1	648	48.4	257	32.3	1037	43.5
	Total	196	100.0	1342	100.0	995	100.0	2533	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	12	9.6	100	6.6	151	12.9	263	9.0
	Agree	32	20.2	284	23.3	353	32.2	669	26.0
	Neither agree nor disagree	10	10.5	184	12.9	116	12.7	310	12.6
	Disagree	6	2.0	86	5.7	94	9.6	186	6.7
	Strongly disagree	6	3.4	53	5.1	34	2.7	93	4.2
	(Do not know)	130	54.3	635	46.4	246	30.0	1011	41.4
	Total	196	100.0	1342	100.0	994	100.0	2532	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	12	8.6	94	7.6	123	13.8	229	9.7
	Agree	22	14.6	236	18.4	336	27.8	594	21.3
	Neither agree nor disagree	12	5.8	218	15.5	165	17.1	395	15.3
	Disagree	6	6.0	92	6.9	93	7.7	191	7.1
	Strongly disagree	1	.2	28	2.2	17	1.7	46	1.9
	(Do not know)	143	64.8	673	49.4	259	32.0	1075	44.7
	Total	196	100.0	1341	100.0	993	100.0	2530	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	11	9.7	72	5.1	150	13.1	233	8.1
	Agree	17	9.6	256	20.6	319	31.0	592	23.3
	Neither agree nor disagree	12	11.9	185	14.4	146	12.0	343	13.4
	Disagree	8	4.5	107	7.2	92	9.1	207	7.6
	Strongly disagree	4	1.3	47	3.4	17	1.4	68	2.6
	(Do not know)	145	63.0	670	49.3	269	33.4	1084	44.9
	Total	197	100.0	1337	100.0	993	100.0	2527	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	20	13.4	193	15.0	128	12.6	341	14.1
	Maintained the same	33	19.8	306	25.3	328	29.1	667	26.2
	Increased	8	4.8	120	7.9	242	22.4	370	12.6
	(Do not know)	135	62.0	721	51.7	293	35.8	1149	47.1
	Total	196	100.0	1340	100.0	991	100.0	2527	100.0

7.5. Perceptions of Nuclear Safety

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	15	9.1	162	12.2	115	11.5	292	11.7
	Some risk	18	15.3	223	18.1	327	27.5	568	21.0
	Not much of a risk	17	11.4	168	13.1	184	18.3	369	14.7
	No risk at all	11	4.6	81	5.2	89	8.8	181	6.4
	(Do not know)	136	59.6	710	51.4	278	33.9	1124	46.1
	Total	197	100.0	1344	100.0	993	100.0	2534	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	8	5.3	87	6.4	83	7.0	178	6.5
	Agree	18	11.0	188	15.0	299	27.5	505	18.9
	Neither agree nor disagree	24	16.2	258	20.0	217	19.3	499	19.5
	Disagree	3	1.0	65	4.8	80	7.2	148	5.3
	Strongly disagree	2	.3	19	1.7	22	2.1	43	1.7
	(Do not know)	142	66.2	726	52.0	292	36.9	1160	48.0
Total	197	100.0	1343	100.0	993	100.0	2533	100.0	
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	6	6.6	61	5.2	59	5.8	126	5.5
	Somewhat exaggerated	19	10.9	141	12.4	220	20.2	380	14.9
	Somewhat underestimated	8	5.8	185	13.0	215	18.7	408	14.4
	Strongly underestimated	4	1.4	48	3.5	73	8.3	125	5.0
	Nuclear risks are perceived correctly	9	3.3	136	9.9	90	6.6	235	8.3
	(Do not know)	151	72.0	771	56.0	337	40.3	1259	51.9
Total	197	100.0	1342	100.0	994	100.0	2533	100.0	
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	5	3.3	116	8.5	197	18.0	318	11.3
	Somewhat concerned	20	12.4	207	18.2	297	25.5	524	20.2
	A little concerned	13	6.6	187	12.9	159	15.9	359	13.4
	Not at all concerned	44	23.4	202	15.5	111	11.8	357	14.8
	(Do not know)	115	54.3	628	45.0	230	28.8	973	40.2
	Total	197	100.0	1340	100.0	994	100.0	2531	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	3	2.6	44	4.1	40	5.4	87	4.4
	Enough	14	13.6	183	15.3	254	25.1	451	18.5
	Too little	19	8.0	195	13.5	213	18.5	427	14.8
	Far too little	16	7.0	153	11.1	117	9.8	286	10.4
	(Do not know)	144	68.7	760	55.9	365	41.3	1269	51.9
	Total	196	100.0	1335	100.0	989	100.0	2520	100.0

7.6. Views on Nuclear Energy in a Global Context

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	20	12.8	151	11.0	214	20.5	385	14.4
	Agree	29	18.2	320	21.8	329	29.0	678	24.0
	Neither agree nor disagree	9	6.6	155	11.7	122	11.0	286	11.1
	Disagree	18	11.2	115	9.8	104	9.3	237	9.7
	Strongly disagree	1	1.3	26	2.2	9	.8	36	1.7
	(Do not know)	120	50.0	573	43.4	215	29.4	908	39.2
	Total	197	100.0	1340	100.0	993	100.0	2530	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	4	4.1	33	3.1	30	3.7	67	3.4
	Agree	20	15.9	139	11.8	107	9.4	266	11.3
	Neither agree nor disagree	14	10.5	173	13.5	114	10.0	301	12.1
	Disagree	22	8.7	232	15.2	315	26.3	569	18.5
	Strongly disagree	14	7.9	145	10.3	197	17.8	356	12.6
	(Do not know)	123	52.9	617	46.2	230	32.8	970	42.2
	Total	197	100.0	1339	100.0	993	100.0	2529	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	17	11.6	162	11.9	198	17.7	377	13.8
	Agree	24	17.1	298	21.6	399	35.2	721	25.8
	Neither agree nor disagree	17	9.8	182	14.0	102	8.8	301	11.9
	Disagree	5	1.5	49	3.8	45	4.5	99	3.8
	Strongly disagree	0	0.0	16	.9	14	1.6	30	1.0
	(Do not know)	134	60.1	631	47.9	236	32.3	1001	43.5
	Total	197	100.0	1338	100.0	994	100.0	2529	100.0

7.7. Information on Nuclear Energy

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	25	9.4	236	16.5	105	9.6	366	13.6
	South African Nuclear Energy Corporation Ltd	18	10.3	178	11.4	248	18.7	444	13.8
	Regional and local authorities	2	1.2	11	1.8	9	.5	22	1.3
	Energy companies that operate nuclear power plants	8	8.1	70	6.7	82	6.1	160	6.6
	Schools	10	8.5	25	2.4	13	2.0	48	2.7
	The African Union	0	0.0	6	.6	8	.5	14	.5
	Scientists	11	8.1	67	4.6	114	13.6	192	7.9
	Non-governmental organisations (NGOs)	6	3.8	22	1.3	42	5.3	70	2.9
	International organisations working on issues of nuclear technology	0	0.0	13	.8	42	4.7	55	2.1
	Journalists (TV, radio, newspapers)	6	5.3	113	8.4	66	5.8	185	7.3
	Friends and family	6	2.3	29	2.3	19	1.2	54	2.0
	Other	1	2.9	3	.5	5	.6	9	.7
	None	20	8.5	62	5.2	36	2.9	118	4.6
	(Do not know)	83	31.3	500	37.6	201	28.4	784	34.1
	Total	196	100.0	1335	100.0	990	100.0	2521	100.0
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	7	5.3	123	12.2	158	18.7	288	13.8
	No	132	75.6	847	60.6	712	64.8	1691	63.1
	(Do not know)	54	19.1	359	27.3	108	16.5	521	23.1
	Total	193	100.0	1329	100.0	978	100.0	2500	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	38	22.9	416	30.6	590	54.8	1044	38.2
	No	36	20.5	285	22.4	152	16.2	473	20.2
	(Do not know)	123	56.6	634	46.9	245	29.1	1002	41.7
	Total	197	100.0	1335	100.0	987	100.0	2519	100.0

7.8. Final Assessment of Nuclear Energy and Technology

		LSM							
		Low		Medium		High		Total	
		N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. as a benefit or a risk?	More as a benefit	10	10.4	152	12.3	256	24.2	418	16.2
	More as a risk	27	13.2	235	19.1	247	24.2	509	20.4
	Neither/indifferent	33	19.9	304	21.7	234	19.9	571	21.0
	(Do not know)	126	56.5	643	46.8	253	31.8	1022	42.5
	Total	196	100.0	1334	100.0	990	100.0	2520	100.0

8. Results Disaggregated by Province (Weighted %, Unweighted N)

8.1. Knowledge of Nuclear Technology

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	27	10.1	5	2.3	10	6.0	6	4.1	18	2.4	6	3.9	18	4.8	9	2.9	14	6.5	113	4.6
	Somewhat knowledgeable	78	28.0	33	10.0	22	19.5	30	20.5	146	20.2	26	15.6	84	16.4	37	17.3	39	15.5	495	18.0
	Not very knowledgeable	82	18.4	57	19.5	23	7.7	44	19.8	132	28.1	39	22.4	63	14.3	27	13.7	57	21.3	524	19.3
	Not at all knowledgeable	150	36.9	167	42.8	68	39.2	94	46.8	186	38.8	80	37.5	132	26.9	58	27.9	40	14.3	975	33.1
	(Do not know)	18	6.5	93	25.3	49	27.6	27	8.7	76	10.5	45	20.6	104	37.6	86	38.2	121	42.5	619	25.0
	Total	355	100.0	355	100.0	172	100.0	201	100.0	558	100.0	196	100.0	401	100.0	217	100.0	271	100.0	2726	100.0
37. South Africa has a nuclear power station in the Western Cape	True	247	63.9	80	26.1	42	26.2	45	21.4	228	37.1	49	25.8	151	26.3	63	29.1	65	25.3	970	32.6
	False	32	14.0	40	12.0	13	7.6	15	5.5	108	22.8	19	9.1	24	5.9	20	10.2	16	7.1	287	11.4
	(Do not know)	77	22.1	232	62.0	117	66.2	141	73.1	222	40.0	128	65.1	223	67.8	133	60.7	190	67.5	1463	55.9
	Total	356	100.0	352	100.0	172	100.0	201	100.0	558	100.0	196	100.0	398	100.0	216	100.0	271	100.0	2720	100.0
38. South Africa has never built nuclear weapons	True	98	25.7	34	9.5	14	7.8	20	9.6	142	30.5	27	16.0	46	9.6	43	23.5	23	9.3	447	16.9
	False	124	38.0	83	26.9	42	27.0	44	21.9	201	32.5	42	22.1	113	19.4	44	18.8	64	26.0	757	26.1
	(Do not know)	133	36.3	235	63.6	116	65.2	137	68.5	214	37.0	124	62.0	239	70.9	129	57.7	184	64.7	1511	57.1
	Total	355	100.0	352	100.0	172	100.0	201	100.0	557	100.0	193	100.0	398	100.0	216	100.0	271	100.0	2715	100.0
39. South Africa has a nuclear research Centre in North West province	True	105	29.2	67	23.7	22	11.7	30	16.9	181	30.9	25	13.0	99	15.1	42	20.9	60	25.9	631	22.1
	False	56	20.5	38	9.5	20	14.9	22	8.6	113	23.9	30	13.7	45	9.5	36	18.2	17	5.8	377	14.2
	(Do not know)	194	50.3	249	66.8	130	73.3	148	74.5	262	45.2	139	73.2	254	75.4	137	60.9	193	68.3	1706	63.7
	Total	355	100.0	354	100.0	172	100.0	200	100.0	556	100.0	194	100.0	398	100.0	215	100.0	270	100.0	2714	100.0

8.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
40.What benefits, if any, do you associate with nuclear technology?	Medical diagnostics/research	14.3	62	12.8	41	14.9	16	19.1	35	29.0	170	15.8	32	14.1	79	10.1	27	12.6	31	16.7	493
	Less harmful to the environment than other energy sources	6.6	22	4.7	12	4.9	6	8.3	14	11.1	44	8.8	17	8.9	52	5.4	8	6.2	17	7.9	192
	Cost-efficient alternative	6.6	28	5.5	20	11.0	14	4.5	11	12.5	80	3.2	8	7.2	53	2.9	6	1.4	2	6.7	222
	Energy production efficiency	15.6	64	15.1	48	4.4	11	14.5	27	21.5	132	16.6	32	8.8	57	15.5	33	8.8	23	14.0	427
	Plentiful/renewable	2.9	11	1.5	5	7.4	6	2.8	6	6.8	37	4.5	8	2.2	22	1.0	2	1.5	3	3.2	100
	It is a non-fossil fuel	6.6	20	8.1	24	5.1	6	9.7	21	10.4	50	5.9	11	5.2	52	4.0	8	4.0	8	6.8	200
	It is a safe technology/energy source	7.0	22	8.2	25	7.7	8	4.6	8	6.8	37	12.3	18	5.3	27	5.4	13	3.5	7	6.4	165
	Creates jobs/helps economy	17.1	60	18.8	67	8.6	15	11.2	25	10.9	90	13.3	21	6.3	36	10.7	23	12.3	28	11.7	365
	Advanced technology/research	15.6	41	8.4	20	6.0	5	5.3	14	9.4	79	8.5	12	8.8	41	3.7	9	4.2	9	8.6	230
	Produces power/electricity/energy	23.5	103	23.4	73	13.1	21	12.5	28	19.7	126	17.8	32	7.9	52	16.2	34	16.4	45	16.3	514
	Other (specify)	.5	2	.0	1	.3	1	.5	2	.9	6	0.0	0	.7	2	0.0	0	0.0	0	.4	14
	None/no benefits	16.1	36	3.8	15	8.1	10	7.2	14	12.5	48	3.3	9	5.7	19	3.3	6	24.8	61	9.7	218
(Do not know / no answer)	32.9	123	53.6	202	59.5	116	57.8	115	31.2	175	52.8	101	65.5	210	59.2	131	44.7	129	49.8	1302	

Multiple response table		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	16.3	76	14.8	34	19.1	25	10.4	23	18.5	147	3.5	8	13.0	91	7.5	18	6.0	14	12.9	436
	The safety of nuclear power plants	25.3	100	9.3	37	12.8	21	10.1	23	19.8	135	19.1	30	14.2	79	7.8	18	24.0	64	16.6	507
	The disposal of nuclear waste	21.7	65	9.2	33	11.9	19	9.8	21	16.0	128	9.8	20	11.8	81	8.9	18	11.3	31	12.9	416
	The environmental effects of producing nuclear electricity	8.2	30	9.5	34	6.4	9	5.6	11	19.4	96	6.7	16	7.3	39	12.6	28	15.3	36	11.0	299
	Lack of knowledge of implications	10.1	29	8.0	27	13.6	12	3.6	13	20.3	98	4.7	8	4.9	30	4.9	13	9.7	23	9.4	253
	Weapons/warfare	17.4	64	11.7	30	9.7	17	13.4	26	20.4	108	14.3	27	8.1	51	8.8	16	5.7	12	12.5	351
	Misuse/abuse of nuclear technology	13.0	39	5.2	16	6.9	10	3.7	9	12.9	96	5.2	12	4.4	35	3.0	10	1.9	5	6.9	232
	The cost of nuclear-generated electricity	4.6	24	15.5	40	5.3	5	6.6	14	8.6	48	7.3	15	5.7	25	9.6	18	5.2	14	7.7	203
	Dangerous/frightening	18.6	72	10.4	40	15.1	23	8.2	19	14.2	96	11.3	20	4.6	35	5.3	12	28.2	66	12.0	383
	Lack of controls/regulations	5.4	16	.6	6	4.3	9	2.7	8	9.6	56	2.0	4	2.7	21	4.0	7	12.8	30	5.2	157
	Incompetence/improperly managed	6.1	13	2.8	7	2.7	8	2.1	4	5.9	46	1.3	3	4.2	26	1.5	4	2.9	8	3.9	119
	Overall negative/against it	4.0	13	.6	2	3.5	6	1.4	3	2.4	19	.2	1	4.1	9	1.0	3	3.7	8	2.6	64
	Other (specify)	0.0	0	0.0	0	.3	1	0.0	0	1.0	4	0.0	0	.7	3	0.0	0	0.0	0	.4	8
None/no concerns	15.0	37	8.1	27	5.9	13	8.5	20	12.3	51	5.2	14	1.9	13	5.6	10	2.3	7	7.1	192	
(Do not know / no answer)	25.0	85	51.4	197	55.9	105	62.3	119	24.6	149	56.7	106	64.6	201	58.8	133	45.9	132	47.7	1227	

8.3. Support for Different Applications of Nuclear Technology

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	24	9.7	9	2.9	13	5.2	20	9.3	93	16.2	23	13.0	39	8.3	21	11.1	10	4.3	252	9.4
	Agree	149	41.5	91	30.4	41	25.7	40	24.4	179	33.3	59	30.5	123	18.9	43	20.2	33	11.9	758	26.3
	Neither agree nor disagree	45	16.3	27	5.2	10	5.1	26	9.5	88	17.4	9	4.5	26	7.3	6	3.3	24	8.9	261	9.8
	Disagree	40	9.7	34	8.2	6	6.4	10	4.6	50	9.2	19	7.5	22	7.1	11	6.1	52	19.4	244	8.9
	Strongly disagree	14	3.3	2	.2	5	3.8	2	.3	8	1.0	6	4.0	7	3.5	9	3.3	22	11.2	75	3.2
	(Do not know)	82	19.5	191	53.1	97	53.7	102	51.9	139	22.9	80	40.5	176	54.8	127	56.1	128	44.2	1122	42.3
	Total	354	100.0	354	100.0	172	100.0	200	100.0	557	100.0	196	100.0	393	100.0	217	100.0	269	100.0	2712	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	61	18.1	17	7.6	17	9.4	34	15.0	91	15.1	32	19.0	45	12.9	29	15.0	6	1.6	332	12.8
	Agree	188	49.3	129	36.1	37	23.7	39	24.4	234	38.9	64	30.5	134	22.1	52	24.5	42	17.5	919	30.6
	Neither agree nor disagree	36	14.3	19	3.6	12	5.7	26	10.9	67	15.8	11	5.8	24	5.4	5	1.9	25	9.4	225	8.7
	Disagree	12	5.4	9	2.0	5	3.6	5	2.2	30	6.9	7	1.7	11	2.0	7	3.7	48	16.8	134	4.9
	Strongly disagree	5	.8	1	.4	4	3.6	2	1.3	6	2.3	3	1.9	5	1.8	7	2.5	20	10.3	53	2.5
	(Do not know)	50	12.0	178	50.2	97	54.1	93	46.2	127	21.0	80	41.1	175	55.9	117	52.4	128	44.4	1045	40.5
	Total	352	100.0	353	100.0	172	100.0	199	100.0	555	100.0	197	100.0	394	100.0	217	100.0	269	100.0	2708	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	33	10.5	10	1.8	9	10.4	13	8.4	44	7.3	22	12.1	27	6.8	15	8.5	4	1.4	177	6.9
	Agree	117	32.1	98	29.3	25	14.0	45	22.6	141	23.3	50	28.7	93	16.7	34	16.2	36	14.6	639	22.1
	Neither agree nor disagree	60	19.7	29	5.6	12	6.2	33	15.0	121	26.0	12	4.5	47	8.8	19	9.3	25	9.2	358	13.0
	Disagree	41	13.7	19	5.2	9	6.7	8	5.6	64	9.8	19	6.7	23	4.9	11	5.4	55	20.5	249	8.7
	Strongly disagree	12	2.7	5	2.1	5	4.9	3	1.4	16	3.0	5	2.9	9	2.2	13	4.7	21	10.0	89	3.4
	(Do not know)	90	21.2	192	55.9	112	57.8	97	46.9	168	30.6	88	45.2	193	60.6	125	55.8	127	44.2	1192	45.9
	Total	353	100.0	353	100.0	172	100.0	199	100.0	554	100.0	196	100.0	392	100.0	217	100.0	268	100.0	2704	100.0

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
45. To what extent do you agree or disagree with the following statements ? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	16	6.7	7	2.0	2	1.0	16	9.1	37	6.9	19	10.5	25	7.1	11	5.8	8	2.7	141	6.1
	Agree	94	30.1	84	23.5	25	14.3	29	16.7	104	18.9	38	19.7	59	10.7	23	12.8	24	10.0	480	17.2
	Neither agree nor disagree	42	15.9	28	4.8	7	7.1	24	11.0	61	11.5	7	2.6	21	6.3	16	7.2	30	11.7	236	8.9
	Disagree	77	18.8	23	8.6	18	10.4	18	7.9	124	21.1	24	10.4	74	9.7	28	12.5	55	19.7	441	14.0
	Strongly disagree	62	14.2	16	5.6	15	10.9	21	9.1	73	14.1	22	9.3	31	8.4	17	7.3	23	11.3	280	10.2
	(Do not know)	63	14.2	194	55.5	105	56.3	92	46.3	158	27.4	86	47.5	182	57.7	122	54.5	129	44.6	1131	43.7
	Total	354	100.0	352	100.0	172	100.0	200	100.0	557	100.0	196	100.0	392	100.0	217	100.0	269	100.0	2709	100.0
46. To what extent do you agree or disagree with the following statements ? Nuclear technology should be used for cancer	Strongly agree	45	12.5	13	2.4	15	7.5	24	10.4	109	20.2	24	12.1	45	6.9	20	11.2	12	4.1	307	10.1
	Agree	146	44.9	78	24.7	32	19.3	35	15.1	166	25.3	40	16.6	118	17.5	28	13.9	26	10.6	669	22.0
	Neither agree nor disagree	41	15.5	21	3.8	9	4.3	24	13.9	89	19.1	14	9.9	27	7.6	17	7.9	23	8.7	265	10.8
	Disagree	28	7.3	29	8.2	3	2.1	4	4.3	29	5.9	18	7.6	6	2.1	13	6.2	57	21.2	187	6.8
	Strongly disagree	18	2.9	11	5.2	6	8.4	2	.7	3	.3	4	2.3	6	2.1	11	4.3	23	11.3	84	3.4
	(Do not know)	77	17.0	202	55.7	107	58.4	111	55.6	160	29.2	96	51.5	192	63.8	128	56.4	128	44.2	1201	46.9
	Total	355	100.0	354	100.0	172	100.0	200	100.0	556	100.0	196	100.0	394	100.0	217	100.0	269	100.0	2713	100.0

8.4. Perceptions of Nuclear Energy

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	29	9.6	11	3.9	10	4.7	8	4.6	27	3.9	13	6.2	27	4.8	13	6.5	14	5.8	152	5.4
	Mainly favourable	59	16.2	33	12.6	12	8.1	26	12.4	98	12.5	30	18.6	70	12.0	17	8.8	15	5.6	360	12.2
	Neither favourable nor unfavourable	119	28.3	63	15.3	34	20.5	48	27.0	192	46.1	27	14.2	52	12.5	45	21.3	17	6.8	597	22.2
	Mainly unfavourable	40	11.8	19	6.2	9	7.0	10	4.0	49	7.1	13	6.8	29	5.1	10	4.9	6	3.1	185	6.3
	Very unfavourable	37	9.9	29	8.2	21	13.9	14	7.6	48	10.9	29	10.1	34	9.1	15	5.9	91	34.8	318	11.8
	(Do not know)	70	24.3	193	53.7	85	45.8	94	44.4	140	19.4	85	44.1	179	56.4	117	52.6	125	43.9	1088	42.0
	Total	354	100.0	348	100.0	171	100.0	200	100.0	554	100.0	197	100.0	391	100.0	217	100.0	268	100.0	2700	100.0

Multiple response table		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	19.8	75	8.9	37	19.1	23	13.0	26	15.1	134	12.3	24	13.1	94	9.9	26	16.3	42	13.9	481
	Risk of accidents	36.0	142	26.4	95	21.1	37	26.0	47	47.8	257	29.6	61	18.3	116	17.4	38	30.8	78	29.3	871
	Risk of radiation or contamination	23.7	100	15.1	59	18.6	26	11.0	25	25.1	164	15.2	25	15.4	95	10.8	26	24.5	51	18.6	571
	General impact on the environment	19.1	59	18.3	55	14.1	19	13.6	26	18.6	114	12.1	20	10.0	77	13.4	28	20.1	47	15.3	445
	Cost is too high	10.1	31	11.3	42	12.1	17	14.8	27	22.6	110	17.8	28	9.9	43	16.4	36	7.1	17	13.5	351
	Nuclear power stations are ugly to look at	1.5	7	4.0	11	4.9	3	4.2	7	2.2	15	2.6	4	1.4	11	3.5	9	7.4	16	2.9	83
	Other (Specify)	.9	3	0.0	0	0.0	0	.9	1	1.4	8	0.0	0	.8	4	2.6	4	0.0	0	.8	20
	None (there are no disadvantages to nuclear energy)	13.4	35	4.9	12	3.0	10	5.5	10	7.9	27	3.3	8	.7	3	3.5	7	3.2	10	5.0	122
	(Do not know)	25.2	83	52.4	188	56.0	103	54.0	111	25.8	155	49.6	96	63.3	195	52.9	118	46.3	134	46.4	1183

Multiple response table		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	Nuclear energy is not more expensive than other fuels (costs are competitive)	10.0	32	11.7	33	12.7	13	11.7	21	14.6	93	11.4	19	6.9	37	5.7	12	8.0	18	10.0	278
	Helps to combat climate change	11.3	33	12.4	39	7.8	15	9.4	21	19.5	108	14.5	23	10.8	61	14.9	31	14.1	34	13.4	365
	It ensures a reliable supply of electricity	18.4	91	22.9	73	18.9	23	14.4	22	28.6	156	25.3	51	14.3	90	17.3	42	14.8	38	19.6	586
	It is a cleaner source of energy with less impact on the environment	9.1	27	13.6	30	3.7	8	10.4	22	12.7	80	4.0	9	6.1	40	7.1	12	6.9	17	8.8	245
	Only a small amount of waste is produced	6.2	18	7.5	30	5.3	6	4.4	8	9.5	41	2.4	7	5.7	36	3.5	8	7.0	15	6.3	169
	It is a proven technology that already exists	17.1	64	14.7	37	6.4	9	12.5	22	19.0	102	9.3	16	6.3	41	12.8	24	5.6	13	11.9	328
	It uses less fossil fuels or natural resources	4.1	19	3.6	8	9.0	12	6.0	11	8.6	60	5.6	11	4.4	44	2.8	7	2.1	4	5.0	176
	It offers an unlimited supply of power	11.9	53	10.8	39	5.0	9	11.3	17	15.1	105	18.5	33	5.8	63	6.8	14	13.3	40	10.8	373
	Other (Specify)	.6	2	0.0	0	0.0	0	1.0	2	1.4	6	.2	1	.8	5	0.0	0	.5	1	.7	17
	None (there are no benefits to nuclear energy)	21.6	41	5.7	20	11.1	17	5.3	11	11.8	55	3.1	8	5.0	13	4.2	11	22.0	54	10.0	230
	(Do not know)	31.0	127	53.1	196	59.4	111	58.3	122	31.3	180	50.9	103	64.4	209	56.1	125	45.4	130	49.0	1303

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	76	22.9	12	6.4	3	1.2	20	8.8	61	9.7	12	7.5	27	4.4	17	10.9	9	3.5	237	8.6
	Agree	172	48.1	107	28.8	38	30.7	47	24.1	192	31.3	60	31.0	131	21.2	52	24.2	27	11.3	826	27.5
	Neither agree nor disagree	34	9.9	36	9.3	20	9.4	32	14.6	93	21.2	19	9.2	11	2.4	11	3.3	34	12.2	290	9.9
	Disagree	28	7.9	9	3.0	7	2.0	9	5.3	58	12.0	10	3.3	20	5.6	16	6.1	46	17.6	203	7.7
	Strongly disagree	6	.5	1	.4	3	1.5	2	.4	11	3.6	1	1.2	7	3.1	4	2.1	21	9.4	56	2.8
	(Do not know)	40	10.7	188	52.1	101	55.3	91	46.7	142	22.3	95	47.8	198	63.2	117	53.4	132	46.0	1104	43.4
	Total	356	100.0	353	100.0	172	100.0	201	100.0	557	100.0	197	100.0	394	100.0	217	100.0	269	100.0	2716	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	60	15.5	13	4.5	18	11.8	21	10.5	69	10.9	23	14.6	38	4.7	30	15.0	7	2.6	279	8.8
	Agree	111	27.6	93	27.6	31	18.6	48	27.5	208	35.0	50	29.8	110	23.6	39	19.4	34	14.2	724	26.0
	Neither agree nor disagree	74	29.1	42	9.6	16	9.8	30	14.0	86	20.9	19	8.1	23	5.2	16	5.9	37	13.3	343	13.1
	Disagree	38	9.8	11	4.4	5	.6	8	2.5	47	8.6	12	3.9	23	4.3	13	5.3	37	13.7	194	6.6
	Strongly disagree	22	5.4	4	.9	5	5.0	5	2.3	17	5.6	7	2.8	10	2.0	5	2.4	25	11.6	100	4.1
	(Do not know)	51	12.5	190	52.9	97	54.2	89	43.2	129	19.1	86	40.7	190	60.2	114	52.0	129	44.5	1075	41.4
	Total	356	100.0	353	100.0	172	100.0	201	100.0	556	100.0	197	100.0	394	100.0	217	100.0	269	100.0	2715	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	56	16.5	12	2.2	16	11.2	11	4.8	62	14.4	19	10.1	42	9.2	21	9.3	5	2.1	244	9.4
	Agree	142	36.5	81	22.8	32	21.3	33	16.0	163	28.3	40	24.7	91	13.6	30	15.1	35	14.9	647	21.5
	Neither agree nor disagree	73	23.7	36	8.6	16	9.4	45	26.3	118	19.5	25	13.2	35	10.3	34	14.9	41	15.2	423	15.3
	Disagree	25	8.0	26	11.0	2	1.3	17	7.7	47	8.6	15	5.8	21	2.5	12	6.2	38	15.0	203	7.3
	Strongly disagree	3	.4	2	1.6	1	.4	3	.9	7	1.1	1	.2	8	1.4	3	1.9	19	8.0	47	1.8
	(Do not know)	57	14.8	194	53.8	105	56.4	92	44.5	160	28.0	97	46.0	197	63.1	115	52.7	131	44.8	1148	44.7
	Total	356	100.0	351	100.0	172	100.0	201	100.0	557	100.0	197	100.0	394	100.0	215	100.0	269	100.0	2712	100.0

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	46	15.1	10	4.4	17	12.8	21	8.7	59	8.2	25	12.9	44	6.5	18	9.1	8	3.1	248	8.1
	Agree	120	35.6	86	26.9	25	17.6	40	23.2	162	29.5	37	20.0	102	17.1	35	18.8	27	12.2	634	23.0
	Neither agree nor disagree	75	21.2	37	7.0	12	7.1	30	15.9	109	25.6	16	7.8	34	8.3	23	9.6	39	14.6	375	14.0
	Disagree	28	6.1	20	5.5	5	2.6	10	4.2	65	10.6	17	8.6	17	5.5	22	7.9	36	12.2	220	7.5
	Strongly disagree	12	3.4	2	.6	6	2.8	3	1.8	7	.7	4	2.3	5	.8	6	2.2	29	13.1	74	2.6
	(Do not know)	73	18.6	199	55.6	107	57.2	96	46.2	153	25.4	97	48.5	192	61.7	113	52.4	129	44.8	1159	44.9
	Total	354	100.0	354	100.0	172	100.0	200	100.0	555	100.0	196	100.0	394	100.0	217	100.0	268	100.0	2710	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	53	17.0	16	3.4	12	6.1	9	4.0	83	16.4	22	9.8	53	12.1	14	4.1	99	40.0	361	13.9
	Maintained the same	148	43.0	92	24.5	35	24.5	52	30.1	211	42.0	51	28.1	76	15.5	45	24.6	13	5.4	723	26.4
	Increased	63	14.3	41	17.5	13	10.6	33	14.9	93	11.3	33	18.5	72	10.7	26	12.0	23	8.4	397	12.7
	(Do not know)	91	25.8	204	54.6	112	58.7	105	51.0	169	30.3	90	43.6	193	61.6	132	59.3	132	46.2	1228	47.1
	Total	355	100.0	353	100.0	172	100.0	199	100.0	556	100.0	196	100.0	394	100.0	217	100.0	267	100.0	2709	100.0

8.5. Perceptions of Nuclear Safety

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	42	15.2	26	6.0	12	10.4	14	6.2	63	10.0	19	8.7	41	9.1	19	10.3	78	30.7	314	11.7
	Some risk	131	35.3	58	15.5	24	20.2	36	20.0	173	31.0	34	19.3	96	17.2	38	15.6	28	11.3	618	21.4
	Not much of a risk	50	17.3	51	15.2	24	13.9	37	16.7	117	22.7	33	18.2	41	9.8	21	10.6	19	7.7	393	14.7
	No risk at all	44	10.1	27	11.4	9	5.1	11	5.9	37	5.0	14	6.3	26	4.3	14	5.8	7	2.5	189	6.1
	(Do not know)	88	22.2	193	51.9	103	50.5	103	51.2	167	31.2	96	47.5	190	59.6	125	57.6	137	47.8	1202	46.1
	Total	355	100.0	355	100.0	172	100.0	201	100.0	557	100.0	196	100.0	394	100.0	217	100.0	269	100.0	2716	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	23	10.9	10	3.7	12	9.7	8	4.7	56	7.5	19	7.9	22	2.8	9	3.5	33	13.4	192	6.5
	Agree	95	24.4	45	11.6	29	19.9	33	17.5	153	23.5	25	13.3	107	23.2	26	12.6	43	16.7	556	19.5
	Neither agree nor disagree	101	30.9	57	14.7	16	10.1	52	24.6	148	30.5	34	20.7	35	7.0	33	16.6	51	20.3	527	19.2
	Disagree	25	4.6	31	12.8	4	4.7	6	2.2	34	6.2	12	5.2	16	1.7	21	8.8	7	2.7	156	5.2
	Strongly disagree	8	1.7	6	1.6	0	0.0	4	2.9	4	1.2	4	1.4	11	2.4	3	.6	5	1.7	45	1.7
	(Do not know)	103	27.5	206	55.6	110	55.5	98	48.1	162	31.1	102	51.4	203	63.0	125	58.0	130	45.1	1239	48.0
Total	355	100.0	355	100.0	171	100.0	201	100.0	557	100.0	196	100.0	394	100.0	217	100.0	269	100.0	2715	100.0	
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	24	12.1	16	7.0	7	6.4	4	2.8	20	1.8	12	4.8	31	4.5	4	2.5	15	6.9	133	5.3
	Somewhat exaggerated	76	23.5	40	11.5	13	9.0	27	17.8	95	14.7	32	18.5	74	13.2	28	14.2	21	8.3	406	14.6
	Somewhat underestimated	74	15.2	47	12.3	22	15.3	40	17.7	141	25.9	30	16.0	41	9.1	16	8.9	34	14.4	445	14.9
	Strongly underestimated	18	3.3	16	4.5	8	3.9	9	3.0	36	8.8	9	4.8	21	5.5	8	2.3	5	1.3	130	4.9
	Nuclear risks are perceived correctly	31	7.0	28	9.4	7	5.4	11	5.0	68	11.2	8	2.7	24	2.8	19	10.1	59	21.9	255	8.3
	(Do not know)	132	38.8	208	55.3	114	60.0	110	53.7	197	37.5	105	53.1	203	64.7	142	62.0	135	47.3	1346	52.0
Total	355	100.0	355	100.0	171	100.0	201	100.0	557	100.0	196	100.0	394	100.0	217	100.0	269	100.0	2715	100.0	

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	44	14.4	12	3.9	17	9.0	14	9.3	102	13.4	17	7.3	69	10.7	20	6.9	48	21.9	343	11.3
	Somewhat concerned	101	33.3	55	15.2	17	11.8	30	16.5	155	27.5	39	21.0	87	17.0	34	15.9	39	14.3	557	20.5
	A little concerned	83	19.9	44	14.0	32	16.1	23	10.7	81	16.7	31	14.8	33	7.1	32	18.1	28	10.2	387	13.3
	Not at all concerned	71	18.4	84	25.0	13	10.4	31	14.7	86	19.9	20	10.7	36	10.4	22	8.8	23	8.3	386	14.8
	(Do not know)	55	14.0	158	42.0	93	52.7	101	48.9	133	22.5	89	46.3	168	54.8	108	50.4	131	45.3	1036	40.1
	Total	354	100.0	353	100.0	172	100.0	199	100.0	557	100.0	196	100.0	393	100.0	216	100.0	269	100.0	2709	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little or far too little	More than enough	26	10.1	7	3.1	2	1.1	4	2.4	23	4.0	8	6.5	8	3.1	5	3.1	11	4.4	94	4.4
	Enough	107	26.4	54	15.0	16	8.1	25	12.3	115	28.0	33	19.0	74	15.5	40	18.5	24	10.0	488	18.7
	Too little	61	19.7	45	13.2	23	18.4	40	20.6	121	16.9	20	9.5	61	10.3	26	11.8	64	25.0	461	15.3
	Far too little	24	7.0	37	12.8	18	11.1	29	17.9	86	15.1	23	7.4	40	5.7	16	5.5	31	12.8	304	10.0
	(Do not know)	133	36.9	206	55.9	111	61.3	100	46.8	212	36.0	111	57.6	210	65.4	130	61.1	138	47.7	1351	51.7
	Total	351	100.0	349	100.0	170	100.0	198	100.0	557	100.0	195	100.0	393	100.0	217	100.0	268	100.0	2698	100.0

8.6. Views on Nuclear Energy in a Global Context

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	98	25.4	22	6.6	22	16.7	31	11.7	131	23.2	30	15.0	40	8.3	24	11.5	22	10.8	420	14.3
	Agree	136	34.9	85	23.2	39	19.9	37	21.4	165	28.5	50	23.5	120	20.8	35	15.4	59	21.2	726	24.1
	Neither agree nor disagree	51	18.8	25	4.9	20	7.9	28	16.0	91	17.9	13	6.4	16	4.9	21	9.3	41	15.7	306	11.1
	Disagree	29	8.8	38	14.2	11	7.8	22	10.7	62	14.3	18	12.3	33	5.0	22	10.1	14	6.2	249	9.7
	Strongly disagree	3	.2	1	.6	2	.9	3	2.1	10	2.4	7	3.0	5	1.7	6	3.4	3	1.1	40	1.7
	(Do not know)	39	11.7	183	50.6	78	46.9	79	38.1	96	13.8	78	39.8	179	59.2	109	50.2	129	45.0	970	39.2
	Total	356	100.0	354	100.0	172	100.0	200	100.0	555	100.0	196	100.0	393	100.0	217	100.0	268	100.0	2711	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	9	3.1	6	1.6	1	.0	2	1.1	24	6.7	9	4.2	11	3.1	6	3.1	4	1.3	72	3.3
	Agree	39	16.6	43	11.5	8	5.1	20	9.8	75	16.8	32	17.3	30	5.4	19	8.8	19	8.2	285	11.2
	Neither agree nor disagree	45	15.6	37	8.9	12	7.3	31	17.0	103	22.0	15	10.5	18	5.7	22	9.2	38	13.2	321	12.3
	Disagree	127	28.9	60	19.4	31	19.2	20	11.9	152	22.7	37	16.7	96	13.1	38	15.1	49	19.1	610	18.6
	Strongly disagree	84	21.3	19	6.9	24	14.7	41	17.1	97	15.8	22	11.9	47	7.8	25	13.0	28	12.8	387	12.6
	(Do not know)	52	14.4	186	51.8	96	53.7	86	43.1	105	16.0	81	39.5	191	64.9	107	50.7	130	45.4	1034	42.0
	Total	356	100.0	351	100.0	172	100.0	200	100.0	556	100.0	196	100.0	393	100.0	217	100.0	268	100.0	2709	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	94	25.7	20	5.1	15	11.4	30	10.8	123	21.3	33	16.3	38	7.2	25	11.0	29	12.8	407	13.6
	Agree	163	45.4	86	28.0	35	21.0	31	16.8	201	33.4	36	16.2	128	20.6	40	20.7	54	21.1	774	26.4
	Neither agree nor disagree	36	11.0	38	9.1	15	5.0	37	20.4	92	21.0	18	11.9	15	4.5	27	11.6	42	14.5	320	11.8
	Disagree	12	3.4	21	5.6	8	4.8	8	4.6	13	2.6	18	11.4	18	2.7	2	.9	10	4.8	110	3.9
	Strongly disagree	3	1.1	2	1.1	2	.7	6	4.4	3	.2	5	2.0	3	.6	5	1.4	2	.7	31	1.0
	(Do not know)	47	13.4	184	51.1	97	57.1	87	43.0	126	21.5	86	42.2	190	64.4	117	54.4	132	46.1	1066	43.3
	Total	355	100.0	351	100.0	172	100.0	199	100.0	558	100.0	196	100.0	392	100.0	216	100.0	269	100.0	2708	100.0

8.7. Information on Nuclear Energy

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	61	15.8	11	2.6	9	4.8	44	24.9	55	9.1	35	18.3	42	9.2	33	13.1	89	33.5	379	13.2
	South African Nuclear Energy Corporation Ltd	80	16.9	60	17.3	31	18.3	31	14.4	121	17.1	37	17.8	75	10.1	32	15.1	14	6.4	481	14.0
	Regional and local authorities	3	.9	1	.0	0	0.0	1	.8	13	3.0	2	2.3	4	1.4	0	0.0	0	0.0	24	1.2
	Energy companies that operate nuclear power plants	33	8.6	35	10.9	11	9.5	3	.8	52	12.8	7	6.4	14	1.3	7	2.4	9	4.9	171	6.4
	Schools	2	.5	8	1.3	1	.7	2	2.8	16	4.7	6	3.3	8	3.3	4	3.3	4	1.3	51	2.7
	The African Union	4	1.9	1	.2	1	.3	0	0.0	4	.5	3	1.5	0	0.0	1	.4	0	0.0	14	.5
	Scientists	23	7.3	33	10.7	16	7.9	10	5.0	67	14.2	11	6.3	47	9.7	5	3.0	4	1.4	216	8.5
	Non-governmental organisations (NGOs)	15	4.5	4	2.4	6	5.3	1	.3	23	2.9	2	1.3	12	2.8	10	5.0	3	1.2	76	2.8
	International organisations working on issues of nuclear technology	14	2.9	5	2.0	3	2.3	6	2.7	15	2.9	2	.5	6	1.9	4	1.4	1	.2	56	2.0
	Journalists (TV, radio, newspapers)	18	3.2	49	12.2	19	14.9	11	4.5	57	11.4	6	4.2	17	6.0	12	5.5	12	4.4	201	7.2
	Friends and family	8	3.3	2	.3	13	8.7	4	1.3	12	2.5	10	2.7	3	1.4	1	.6	2	.9	55	1.8
	Other	2	1.4	1	.2	0	0.0	1	.0	1	1.1	0	0.0	4	1.0	1	.3	0	0.0	10	.7
	None	27	14.4	22	4.1	4	2.4	14	7.7	20	3.9	14	7.3	6	.3	12	4.7	2	1.2	121	4.5
(Do not know)	63	18.4	120	35.8	57	24.9	71	34.8	98	14.0	61	28.3	153	51.6	95	45.2	129	44.5	847	34.5	
Total	353	100.0	352	100.0	171	100.0	199	100.0	554	100.0	196	100.0	391	100.0	217	100.0	269	100.0	2702	100.0	

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	34	10.3	14	5.6	13	12.8	17	11.3	103	18.5	34	22.5	46	15.1	25	12.1	19	8.2	305	13.4
	No	291	79.8	263	75.1	113	68.5	147	73.8	404	76.1	127	65.3	228	46.3	117	53.0	125	48.6	1815	63.3
	(Do not know)	26	9.9	71	19.3	45	18.8	30	14.9	44	5.4	33	12.1	112	38.6	74	34.9	125	43.2	560	23.3
	Total	351	100.0	348	100.0	171	100.0	194	100.0	551	100.0	194	100.0	386	100.0	216	100.0	269	100.0	2680	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	190	48.7	117	34.3	76	49.3	89	44.6	292	47.0	73	40.8	188	37.6	69	31.7	33	13.4	1127	38.3
	No	66	25.4	66	16.4	15	10.6	30	17.5	130	30.4	26	10.1	44	10.9	28	12.1	103	40.7	508	20.3
	(Do not know)	98	25.9	169	49.3	78	40.1	81	38.0	132	22.5	97	49.1	158	51.5	120	56.3	132	45.9	1065	41.4
	Total	354	100.0	352	100.0	169	100.0	200	100.0	554	100.0	196	100.0	390	100.0	217	100.0	268	100.0	2700	100.0

8.8. Final Assessment of Nuclear Energy and Technology

		Province																			
		WC		EC		NC		FS		KZN		NW		GT		MP		LP		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. as a benefit or a risk?	More as a benefit	77	24.3	35	14.0	22	18.4	36	17.1	122	17.7	25	13.1	84	15.6	24	12.0	19	8.8	444	15.9
	More as a risk	74	19.9	55	12.9	19	13.5	29	16.7	161	33.8	34	15.1	73	16.4	45	18.0	63	26.4	553	20.6
	Neither/indifferent	122	31.9	92	26.2	35	17.2	31	15.4	151	31.5	38	21.4	51	8.8	39	17.2	54	18.7	613	20.9
	(Do not know)	80	23.9	169	46.8	95	50.9	103	50.8	119	16.9	98	50.4	183	59.2	109	52.7	133	46.1	1089	42.6
	Total	353	100.0	351	100.0	171	100.0	199	100.0	553	100.0	195	100.0	391	100.0	217	100.0	269	100.0	2699	100.0

9. Results Disaggregated by Geotype (Weighted %, Unweighted N)

9.1. Knowledge of Nuclear Technology

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
36. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all know	Very knowledgeable	88	5.2	4	3.7	20	3.9	1	.5	113	4.6
	Somewhat knowledgeable	405	21.8	17	15.4	62	10.1	11	6.2	495	18.0
	Not very knowledgeable	406	21.3	20	17.6	82	15.7	16	10.5	524	19.3
	Not at all knowledgeable	649	31.5	51	33.6	209	33.9	66	57.8	975	33.1
	(Do not know)	320	20.1	46	29.7	219	36.4	34	25.0	619	25.0
	Total	1868	100.0	138	100.0	592	100.0	128	100.0	2726	100.0
37. South Africa has a nuclear power station in the Western Cape	True	805	38.5	32	32.5	100	18.5	33	22.6	970	32.6
	False	202	11.3	18	13.1	58	11.9	9	5.7	287	11.4
	(Do not know)	858	50.2	88	54.5	431	69.6	86	71.7	1463	55.9
	Total	1865	100.0	138	100.0	589	100.0	128	100.0	2720	100.0
38. South Africa has never built nuclear weapons	True	354	18.4	22	18.1	56	13.1	15	11.2	447	16.9
	False	592	28.9	31	28.8	109	18.8	25	15.1	757	26.1
	(Do not know)	917	52.7	85	53.2	422	68.0	87	73.7	1511	57.1
	Total	1863	100.0	138	100.0	587	100.0	127	100.0	2715	100.0
39. South Africa has a nuclear research Centre in North West province	True	512	26.3	15	9.8	85	16.7	19	13.6	631	22.1
	False	275	14.0	25	25.3	60	11.0	17	10.8	377	14.2
	(Do not know)	1073	59.7	98	64.9	444	72.3	91	75.7	1706	63.7
	Total	1860	100.0	138	100.0	589	100.0	127	100.0	2714	100.0

9.2. Perceived Benefits and Concerns Associated with Nuclear Technology

Multiple response table		Geographic location										
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total		
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	
40.What benefits, if any, do you associate with nuclear technology?		Medical diagnostics/research	20.2	410	12.2	18	10.3	54	7.6	11	16.7	493
		Less harmful to the environment than other energy sources	9.0	149	7.2	7	6.0	31	2.6	5	7.9	192
		Cost-efficient alternative	8.9	203	3.8	6	2.7	11	1.6	2	6.7	222
		Energy production efficiency	16.7	353	15.4	18	6.9	42	10.2	14	14.0	427
		Plentiful/renewable	4.3	89	.4	1	1.7	10	0.0	0	3.2	100
		It is a non-fossil fuel	8.5	174	2.5	3	3.7	15	5.9	8	6.8	200
		It is a safe technology/energy source	7.2	122	9.2	11	3.3	20	9.4	12	6.4	165
		Creates jobs/helps economy	13.3	290	12.1	18	7.1	38	12.6	19	11.7	365
		Advanced technology/research	11.1	201	7.6	8	2.9	15	2.7	6	8.6	230
		Produces power/electricity/energy	19.3	411	11.6	14	10.6	67	12.7	22	16.3	514
		Other (specify)	.6	11	.2	2	.2	1	0.0	0	.4	14
		None/no benefits	7.8	119	9.2	13	15.1	78	4.9	8	9.7	218
		(Do not know / no answer)	45.2	786	56.0	81	58.0	361	64.8	74	49.8	1302

Multiple response table		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
41. What concerns, if any, do you associate with nuclear technology?	The effects of radiation exposure / effects of a nuclear accident on workers and the community	16.9	390	9.3	10	4.7	28	5.7	8	12.9	436
	The safety of nuclear power plants	18.8	398	18.2	24	10.1	64	16.3	21	16.6	507
	The disposal of nuclear waste	16.4	363	9.8	11	6.3	39	1.4	3	12.9	416
	The environmental effects of producing nuclear electricity	12.2	228	8.9	10	9.1	52	6.7	9	11.0	299
	Lack of knowledge of implications	10.3	192	6.3	11	8.6	43	5.2	7	9.4	253
	Weapons/warfare	14.8	296	10.8	9	7.8	38	6.0	8	12.5	351
	Misuse/abuse of nuclear technology	8.4	201	7.0	10	3.3	17	3.1	4	6.9	232
	The cost of nuclear-generated electricity	9.4	163	7.9	10	3.2	21	6.4	9	7.7	203
	Dangerous/frightening	12.9	287	5.8	12	12.4	70	6.5	14	12.0	383
	Lack of controls/regulations	4.9	114	7.3	8	5.4	30	1.6	5	5.2	157
	Incompetence/ improperly managed	4.9	102	4.5	6	1.3	7	2.8	4	3.9	119
	Overall negative/against it	3.3	52	2.6	4	1.1	7	.5	1	2.6	64
	Other (specify)	.3	6	0.0	0	.7	1	.2	1	.4	8
	None/no concerns	6.2	124	9.3	13	8.6	46	8.2	9	7.1	192
	(Do not know / no answer)	43.0	720	50.3	76	57.1	357	62.4	74	47.7	1227

9.3. Support for Different Applications of Nuclear Technology

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
42. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in hospital	Strongly agree	185	9.4	13	13.1	47	8.7	7	5.1	252	9.4
	Agree	609	31.1	34	26.6	85	14.0	30	24.9	758	26.3
	Neither agree nor disagree	197	10.0	16	14.7	40	7.9	8	4.6	261	9.8
	Disagree	162	8.3	9	6.3	63	11.8	10	7.2	244	8.9
	Strongly disagree	46	2.8	4	4.4	23	4.2	2	.9	75	3.2
	(Do not know)	658	38.3	60	34.9	333	53.4	71	57.3	1122	42.3
	Total	1857	100.0	136	100.0	591	100.0	128	100.0	2712	100.0
43. To what extent do you agree or disagree with the following statements? Nuclear technology should be used to generate	Strongly agree	263	15.0	13	12.8	45	7.6	11	7.8	332	12.8
	Agree	735	35.0	34	27.7	115	20.6	35	26.6	919	30.6
	Neither agree nor disagree	161	8.7	17	13.1	40	7.5	7	3.3	225	8.7
	Disagree	73	3.5	8	8.0	47	7.6	6	5.0	134	4.9
	Strongly disagree	27	1.8	4	4.5	21	4.0	1	.5	53	2.5
	(Do not know)	594	36.0	59	33.9	325	52.6	67	56.8	1045	40.5
	Total	1853	100.0	135	100.0	593	100.0	127	100.0	2708	100.0
44. To what extent do you agree or disagree with the following statements? Nuclear technology should be used in industry	Strongly agree	132	7.6	6	6.3	31	5.5	8	5.2	177	6.9
	Agree	505	25.4	28	23.5	82	13.5	24	19.2	639	22.1
	Neither agree nor disagree	272	13.6	20	17.8	53	10.2	13	9.4	358	13.0
	Disagree	172	8.6	13	7.9	54	9.5	10	5.0	249	8.7
	Strongly disagree	59	3.1	4	3.3	24	4.7	2	.9	89	3.4
	(Do not know)	711	41.8	64	41.3	346	56.6	71	60.2	1192	45.9
	Total	1851	100.0	135	100.0	590	100.0	128	100.0	2704	100.0
45. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for military applications i.e. nuclear weapons	Strongly agree	107	7.0	5	5.8	26	4.3	3	1.5	141	6.1
	Agree	362	17.7	32	29.1	71	12.6	15	9.2	480	17.2
	Neither agree nor disagree	168	9.3	20	12.3	35	6.4	13	10.7	236	8.9
	Disagree	344	15.1	11	10.6	74	13.0	12	8.2	441	14.0
	Strongly disagree	216	11.2	8	8.0	45	8.6	11	8.5	280	10.2
	(Do not know)	656	39.7	60	34.2	341	55.1	74	61.9	1131	43.7
	Total	1853	100.0	136	100.0	592	100.0	128	100.0	2709	100.0
46. To what extent do you agree or disagree with the following statements? Nuclear technology should be used for cancer	Strongly agree	244	10.6	11	11.5	44	8.9	8	5.9	307	10.1
	Agree	553	25.8	31	26.7	65	11.0	20	16.0	669	22.0
	Neither agree nor disagree	190	10.7	20	17.2	47	9.3	8	7.3	265	10.8
	Disagree	102	5.6	10	5.7	63	10.6	12	6.5	187	6.8
	Strongly disagree	54	3.1	4	3.8	23	4.1	3	1.8	84	3.4
	(Do not know)	713	44.2	61	35.1	350	56.2	77	62.5	1201	46.9
	Total	1856	100.0	137	100.0	592	100.0	128	100.0	2713	100.0

9.4. Perceptions of Nuclear Energy

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
47. How favourable or unfavourable is your overall opinion of nuclear energy?	Very favourable	106	5.3	7	6.3	31	5.4	8	5.2	152	5.4
	Mainly favourable	312	16.0	9	5.3	30	5.3	9	7.6	360	12.2
	Neither favourable nor unfavourable	477	24.3	25	23.6	80	16.7	15	19.5	597	22.2
	Mainly unfavourable	147	6.5	6	8.7	24	5.3	8	4.1	185	6.3
	Very unfavourable	178	10.0	21	16.5	98	14.4	21	16.1	318	11.8
	(Do not know)	628	38.0	68	39.7	326	52.8	66	47.5	1088	42.0
	Total	1848	100.0	136	100.0	589	100.0	127	100.0	2700	100.0

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N
Multiple response table											
48. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?	The long term disposal of nuclear waste	17.8	417	7.8	12	7.0	43	4.7	9	13.9	481
	Risk of accidents	30.8	665	26.1	31	26.6	143	27.5	32	29.3	871
	Risk of radiation or contamination	21.2	472	14.6	15	14.3	70	7.9	14	18.6	571
	General impact on the environment	16.6	344	17.9	24	11.9	66	8.2	11	15.3	445
	Cost is too high	14.6	263	14.8	16	10.8	62	8.4	10	13.5	351
	Nuclear power stations are ugly to look at	2.7	56	4.1	7	3.2	18	1.7	2	2.9	83
	Other (Specify)	.8	15	1.6	3	.7	2	0.0	0	.8	20
	None (there are no disadvantages to nuclear energy)	4.8	80	9.0	11	3.8	25	6.5	6	5.0	122
(Do not know)	42.4	693	45.6	72	56.2	348	53.5	70	46.4	1183	

Multiple response table		Geographic location										
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total		
		Cell %	N	Cell %	N	Cell %	N	Cell %	N	Cell %	N	
49. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity?		Nuclear energy is not more expensive than other fuels (costs are competitive)	11.6	220	4.8	8	8.8	47	1.5	3	10.0	278
		Helps to combat climate change	13.5	269	22.2	26	10.8	58	8.2	12	13.4	365
		It ensures a reliable supply of electricity	22.6	467	15.0	15	14.3	84	13.0	20	19.6	586
		It is a cleaner source of energy with less impact on the environment	10.4	198	9.2	10	4.5	26	8.7	11	8.8	245
		Only a small amount of waste is produced	7.1	130	8.1	11	4.3	24	1.7	4	6.3	169
		It is a proven technology that already exists	14.6	274	13.2	16	4.9	28	8.2	10	11.9	328
		It uses less fossil fuels or natural resources	6.2	155	2.4	4	2.8	12	3.2	5	5.0	176
		It offers an unlimited supply of power	11.6	281	9.0	16	9.3	60	11.6	16	10.8	373
		Other (Specify)	.6	13	2.0	3	.4	1	0.0	0	.7	17
		None (there are no benefits to nuclear energy)	9.1	138	15.0	19	11.2	67	4.7	6	10.0	230
		(Do not know)	44.9	801	49.1	75	58.0	352	62.6	75	49.0	1303

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
50. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	Strongly agree	196	10.0	9	9.2	25	5.2	7	6.2	237	8.6
	Agree	675	32.7	36	29.6	79	13.1	36	28.8	826	27.5
	Neither agree nor disagree	194	9.0	15	9.5	65	12.2	16	12.1	290	9.9
	Disagree	124	6.5	11	9.0	60	10.9	8	5.0	203	7.7
	Strongly disagree	30	2.0	2	2.2	21	5.1	3	1.9	56	2.8
	(Do not know)	641	39.8	64	40.5	341	53.5	58	46.0	1104	43.4
	Total	1860	100.0	137	100.0	591	100.0	128	100.0	2716	100.0
51. South Africa should build new nuclear reactors to generate more electricity in South Africa	Strongly agree	224	10.1	8	5.9	38	6.4	9	11.0	279	8.8
	Agree	572	29.3	32	27.8	91	17.0	29	22.6	724	26.0
	Neither agree nor disagree	254	14.2	22	16.3	56	10.1	11	5.4	343	13.1
	Disagree	135	6.6	9	5.1	40	6.9	10	6.5	194	6.6
	Strongly disagree	57	2.6	7	7.9	30	6.5	6	5.1	100	4.1
	(Do not know)	617	37.2	59	36.9	336	53.0	63	49.3	1075	41.4
	Total	1859	100.0	137	100.0	591	100.0	128	100.0	2715	100.0
52. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	Strongly agree	188	10.1	9	9.5	37	7.8	10	7.9	244	9.4
	Agree	520	23.9	28	25.3	72	13.5	27	23.3	647	21.5
	Neither agree nor disagree	325	18.0	23	14.8	62	9.1	13	9.3	423	15.3
	Disagree	139	6.5	9	8.6	48	9.2	7	3.9	203	7.3
	Strongly disagree	28	1.7	0	0.0	14	2.4	5	3.1	47	1.8
	(Do not know)	657	39.7	68	41.7	358	58.0	65	52.4	1148	44.7
	Total	1857	100.0	137	100.0	591	100.0	127	100.0	2712	100.0
53. Coal and gas are worse for the environment than nuclear power	Strongly agree	214	10.3	5	4.2	23	4.4	6	4.7	248	8.1
	Agree	508	26.4	35	27.2	65	12.2	26	25.9	634	23.0
	Neither agree nor disagree	279	14.7	17	15.6	65	12.1	14	9.4	375	14.0
	Disagree	146	7.0	9	7.7	56	8.9	9	4.1	220	7.5
	Strongly disagree	38	1.7	5	3.6	24	4.5	7	3.7	74	2.6
	(Do not know)	669	40.0	66	41.7	359	57.9	65	52.2	1159	44.9
	Total	1854	100.0	137	100.0	592	100.0	127	100.0	2710	100.0
54. In your opinion, should the current level of nuclear energy be reduced, maintained the same, or be increased?	Reduced	221	11.6	20	15.5	107	19.7	13	9.1	361	13.9
	Maintained the same	583	30.2	36	31.6	78	14.4	26	26.2	723	26.4
	Increased	321	15.0	11	7.7	52	8.8	13	9.3	397	12.7
	(Do not know)	728	43.2	71	45.2	353	57.1	76	55.5	1228	47.1
	Total	1853	100.0	138	100.0	590	100.0	128	100.0	2709	100.0

9.5. Perceptions of Nuclear Safety

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
55. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?	A big risk	191	10.3	19	13.3	88	14.6	16	14.2	314	11.7
	Some risk	502	24.4	23	20.4	72	14.3	21	19.0	618	21.4
	Not much of a risk	324	17.1	19	18.4	42	8.1	8	5.5	393	14.7
	No risk at all	139	6.7	7	4.5	33	5.2	10	6.1	189	6.1
	(Do not know)	702	41.6	69	43.4	358	57.8	73	55.2	1202	46.1
	Total	1858	100.0	137	100.0	593	100.0	128	100.0	2716	100.0
56. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident h	Strongly agree	139	6.6	8	4.2	39	7.0	6	4.6	192	6.5
	Agree	436	21.8	24	23.7	69	11.9	27	22.3	556	19.5
	Neither agree nor disagree	385	19.4	30	22.1	93	17.7	19	17.3	527	19.2
	Disagree	124	5.9	4	4.5	22	3.6	6	3.7	156	5.2
	Strongly disagree	37	2.1	1	.4	6	1.1	1	.8	45	1.7
	(Do not know)	735	44.1	71	45.1	364	58.7	69	51.3	1239	48.0
	Total	1856	100.0	138	100.0	593	100.0	128	100.0	2715	100.0
57. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks would you say that nuclear risks are...?	Strongly exaggerated	100	5.6	8	8.2	21	3.4	4	4.6	133	5.3
	Somewhat exaggerated	333	18.1	12	5.0	51	9.8	10	7.5	406	14.6
	Somewhat underestimated	354	15.9	26	25.9	51	8.7	14	14.2	445	14.9
	Strongly underestimated	111	6.1	7	4.8	7	2.0	5	2.4	130	4.9
	Nuclear risks are perceived correctly	154	6.7	7	4.7	77	13.6	17	9.8	255	8.3
	(Do not know)	805	47.6	78	51.3	385	62.5	78	61.6	1346	52.0
	Total	1857	100.0	138	100.0	592	100.0	128	100.0	2715	100.0
58. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear	Very concerned	273	12.8	7	5.5	55	10.3	8	5.8	343	11.3
	Somewhat concerned	447	23.6	30	24.1	65	12.0	15	12.6	557	20.5
	A little concerned	283	14.5	12	9.5	67	11.3	25	15.3	387	13.3
	Not at all concerned	247	13.3	24	20.4	93	16.4	22	17.2	386	14.8
	(Do not know)	603	35.9	63	40.5	312	50.0	58	49.1	1036	40.1
	Total	1853	100.0	136	100.0	592	100.0	128	100.0	2709	100.0
59. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little o	More than enough	69	5.2	4	3.4	19	3.0	2	1.2	94	4.4
	Enough	393	21.3	18	19.3	62	12.8	15	9.2	488	18.7
	Too little	350	16.8	20	13.1	73	12.1	18	13.4	461	15.3
	Far too little	207	9.7	18	10.3	60	10.1	19	15.0	304	10.0
	(Do not know)	825	47.0	76	53.9	377	62.0	73	61.2	1351	51.7
	Total	1844	100.0	136	100.0	591	100.0	127	100.0	2698	100.0

9.6. Views on Nuclear Energy in a Global Context

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
60. All countries should stop their existing nuclear weapons programmes	Strongly agree	332	15.4	11	9.7	65	13.6	12	9.5	420	14.3
	Agree	552	26.4	31	20.9	107	18.7	36	28.2	726	24.1
	Neither agree nor disagree	219	11.3	24	17.6	55	9.4	8	3.9	306	11.1
	Disagree	187	10.4	16	14.6	33	5.7	13	12.1	249	9.7
	Strongly disagree	22	1.5	2	2.1	15	2.1	1	1.1	40	1.7
	(Do not know)	543	35.1	52	35.1	317	50.4	58	45.2	970	39.2
	Total	1855	100.0	136	100.0	592	100.0	128	100.0	2711	100.0
61. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	Strongly agree	52	3.5	1	2.5	16	3.2	3	1.7	72	3.3
	Agree	197	11.4	16	12.9	53	9.3	19	16.7	285	11.2
	Neither agree nor disagree	223	11.7	31	24.5	58	10.3	9	5.1	321	12.3
	Disagree	489	21.5	20	11.5	77	13.6	24	19.4	610	18.6
	Strongly disagree	303	13.6	11	7.8	59	11.9	14	11.6	387	12.6
	(Do not know)	589	38.2	58	40.8	328	51.7	59	45.6	1034	42.0
	Total	1853	100.0	137	100.0	591	100.0	128	100.0	2709	100.0
62. South Africa made the right decision in 1989 to stop its nuclear weapons programme	Strongly agree	313	14.3	13	9.0	67	13.3	14	14.3	407	13.6
	Agree	618	29.8	28	26.0	99	18.7	29	19.3	774	26.4
	Neither agree nor disagree	225	12.0	27	16.7	59	10.2	9	5.6	320	11.8
	Disagree	78	4.2	6	3.7	19	2.9	7	6.4	110	3.9
	Strongly disagree	23	1.2	1	1.3	6	.5	1	.5	31	1.0
	(Do not know)	594	38.5	62	43.3	342	54.5	68	53.9	1066	43.3
	Total	1851	100.0	137	100.0	592	100.0	128	100.0	2708	100.0

9.7. Information on Nuclear Energy

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
63. Indicate who you would trust the most to give you information regarding nuclear energy?	The South Africa Government	213	10.6	23	17.6	114	17.4	29	21.3	379	13.2
	South African Nuclear Energy Corporation Ltd	385	15.6	23	18.1	57	9.1	16	8.9	481	14.0
	Regional and local authorities	18	1.3	0	0.0	5	1.5	1	.5	24	1.2
	Energy companies that operate nuclear power plants	127	6.2	11	8.2	25	6.3	8	5.7	171	6.4
	Schools	28	2.2	5	3.7	17	3.6	1	3.4	51	2.7
	The African Union	11	.6	1	.4	1	.1	1	.9	14	.5
	Scientists	176	10.2	5	6.2	30	5.6	5	3.3	216	8.5
	Non-governmental organisations (NGOs)	60	3.2	1	.5	9	2.1	6	7.8	76	2.8
	International organisations working on issues of nuclear technology	48	2.7	1	.0	5	.9	2	1.1	56	2.0
	Journalists (TV, radio, newspapers)	156	7.6	6	5.4	31	6.4	8	11.1	201	7.2
	Friends and family	40	2.0	3	2.2	9	.9	3	5.6	55	1.8
	Other	8	.5	1	1.5	1	.8	0	0.0	10	.7
	None	78	4.4	6	4.7	32	4.8	5	2.0	121	4.5
	(Do not know)	497	32.9	51	31.5	257	40.5	42	28.4	847	34.5
Total	1845	100.0	137	100.0	593	100.0	127	100.0	2702	100.0	
64. Have you recently seen or heard any advertising about nuclear energy or nuclear technology?	Yes	247	15.8	13	13.2	41	8.0	4	6.2	305	13.4
	No	1279	62.8	85	65.2	361	62.7	90	73.1	1815	63.3
	(Do not know)	307	21.4	36	21.7	186	29.4	31	20.7	560	23.3
	Total	1833	100.0	134	100.0	588	100.0	125	100.0	2680	100.0
65. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology	Yes	922	45.5	47	39.1	115	20.0	43	32.7	1127	38.3
	No	316	18.2	30	22.1	145	25.7	17	14.0	508	20.3
	(Do not know)	608	36.3	59	38.8	330	54.2	68	53.3	1065	41.4
	Total	1846	100.0	136	100.0	590	100.0	128	100.0	2700	100.0

9.8. Final Assessment of Nuclear Energy and Technology

		Geographic location									
		Urban,formal		Urban,informal		Trad. Auth. areas		Rural,formal		Total	
		N	Col %	N	Col %	N	Col %	N	Col %	N	Col %
66. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and tech. ad a benefit or a risk?	More as a benefit	370	19.4	11	7.9	53	10.4	10	8.7	444	15.9
	More as a risk	398	20.5	26	24.7	103	19.8	26	19.3	553	20.6
	Neither/indifferent	451	21.9	35	26.7	97	15.6	30	25.2	613	20.9
	(Do not know)	628	38.2	64	40.7	335	54.1	62	46.7	1089	42.6
	Total	1847	100.0	136	100.0	588	100.0	128	100.0	2699	100.0

Appendix A: Module of Questions

2013 SASAS MODULE ON NUCLEAR ENERGY

DRAFTING GROUP

Jarè Struwig
Benjamin Roberts
South African Nuclear Energy Corporation Ltd (NECSA)

NUCLEAR ENERGY / TECHNOLOGY

I am now going to ask you some questions about nuclear energy and technology.

1. Overall, would you say you are very knowledgeable, somewhat knowledgeable, not very knowledgeable or not at all knowledgeable about nuclear energy and nuclear technology issues?

Very knowledgeable	1
Somewhat knowledgeable	2
Not very knowledgeable	3
Not at all knowledgeable	4
(Do not know)	8

The next few questions are like a quiz. The questions are not designed to trick you, so if you think you have the right answer, you probably do. If you don't know the answer, just say so.

Are the following statements true or false?

	True	False	(Do not know)
2. South Africa has a nuclear power station in the Western Cape	1	2	8
3. South Africa has never built nuclear weapons	1	2	8
4. South Africa has a nuclear research centre in Gauteng	1	2	8

5. What benefits, if any, do you associate with nuclear technology? [RECORD ALL MENTIONS.]

FIELDWORKER: READ OUT OPTIONS.

Medical diagnostics/research	01
Less harmful to the environment than other energy sources	02
Cost-efficient alternative	03
Energy production efficiency	04
Plentiful/renewable	05
It is a non-fossil fuel	06
It is a safe technology/energy source	07
Creates jobs/helps economy	08
Advanced technology/research	09
Produces power/electricity/energy	10
Other	11
None/no benefits	12
DK/NA	98

6. What concerns, if any, do you associate with nuclear technology? [RECORD ALL MENTIONS.]

FIELDWORKER: READ OUT OPTIONS.

The effects of radiation exposure/effects of a nuclear accident on workers and the community	01
The safety of nuclear power plants	02
The disposal of nuclear waste	03
The environmental effects of producing nuclear electricity	04
Terrorist access to nuclear weapons	05
Lack of knowledge of implications	06
Weapons/warfare	07
Misuse/abuse of nuclear technology	08
The cost of nuclear-generated electricity	09
Dangerous/frightening	10
Lack of controls/regulations	11
Incompetence/ improperly managed	12
Overall negative/against it	13
Other	14
None/no concerns	15
DK/NA	98

To what extent do you agree or disagree with the following statements? Nuclear technology should be used

	Strongly agree	Agree	Neither agree nor disagree	Dis-agree	Strongly disagree	(Do not know)
7. ...in hospitals and clinics	1	2	3	4	5	8
8. ...to generate electricity	1	2	3	4	5	8
9. ...in industry and big business, i.e. to fix leaks in gas pipelines	1	2	3	4	5	8
10. ...for military applications, i.e. nuclear weapons	1	2	3	4	5	8
11. ...for cancer treatment	1	2	3	4	5	8

12. How favourable or unfavourable is your overall opinion of nuclear energy?

Very favourable	1
Mainly favourable	2
Neither favourable nor unfavourable	3
Mainly unfavourable	4
Very unfavourable	5
(Do not know)	8

13. What do you believe are, if any, the disadvantages of nuclear energy as a source of electricity? [Showcard X]

The long term disposal of nuclear waste	01
Risk of accidents	02
Risk of radiation or contamination	03
General impact on the environment	04
Cost is too high	05
Nuclear power stations are ugly to look at	06
Other (specify)	07
None (there are no disadvantages to nuclear energy)	08

14. What do you believe are, if any, the benefits of nuclear energy as a source of electricity?

Nuclear energy is not more expensive than other fuels (costs are competitive)	01
Helps to combat climate change	02
It ensures a reliable supply of electricity	03
It is a cleaner source of energy with less impact on the environment	04
Only a small amount of waste is produced	05
It is a proven technology that already exists	06
It uses less fossil fuels or natural resources	07
It offers an unlimited supply of power	08
Other (specify)	09
None (there are no benefits to nuclear energy)	10
(Do not know)	98

To what extent do you agree with the following statements?

	Strongly agree	Agree	Neither agree nor disagree	Dis-agree	Strongly disagree	(Do not know)
15. South Africa should continue to operate its existing nuclear reactors at Koeberg in the Western Cape	1	2	3	4	5	8
16. South Africa should build new nuclear reactors to generate more electricity in South Africa	1	2	3	4	5	8
17. Renewable energy sources (solar or wind) can take the place of nuclear power in South Africa	1	2	3	4	5	8
18. Coal and gas are worse for the environment than nuclear power	1	2	3	4	5	8

19. In your opinion, should the current level of nuclear energy as a proportion of all energy sources be reduced, maintained the same, or be increased?

Reduced	1
Maintained the same	2
Increased	3
(Do not know)	8

20. To what extent do you think nuclear plants in South Africa represent a risk to you and your family?

A big risk	1
Some risk	2
Not much of a risk	3
No risk at all	4

21. To what extent do you agree or disagree with the following statement: there is a possibility of a nuclear accident happening in South Africa.

Strongly agree	1
Agree	2
Neither agree nor disagree	3
Disagree	4
Strongly disagree	5
(Do not know)	8

22. Nuclear incidents sometimes raise major concerns in the media and the public. In your opinion, compared to other safety risks, would you say that nuclear risks are....?

Strongly exaggerated	1
Somewhat exaggerated	2
Somewhat underestimated	3
Strongly underestimated	4
Nuclear risks are perceived correctly	5
(Do not know)	8

23. Are you very concerned, somewhat concerned, a little concerned or not at all concerned about the storage of nuclear waste from South African reactors?

Very concerned	1
Somewhat concerned	2
A little concerned	3
Not at all concerned	4
(Do not know)	8

24. Do you think that the Government and the nuclear safety authorities are doing more than enough, enough, too little or far too little to ensure the safety of South Africa's reactors?

More than enough	1
Enough	2
Too little	3
Far too little	4
(Do not know)	8

To what extent do you agree with the following statements?

	Strongly agree	Agree	Neither agree nor disagree	Dis-agree	Strongly disagree	(Do not know)
25. All countries should dismantle their existing nuclear weapons programmes	1	2	3	4	5	8
26. America, Russia, China, the UK and France should be allowed to have the right to make nuclear weapons	1	2	3	4	5	8
27. South Africa made the right decision in 1989 to stop its nuclear weapons programme	1	2	3	4	5	8

28. Indicate who you would trust the most to give you information regarding nuclear energy?

The South African Government	01
South African Nuclear Energy Corporation Ltd	02
Regional and local authorities	03
Energy companies that operate nuclear power plants	04
Schools	05
The African Union	06
Scientists	07
Non-governmental organisations (NGOs)	08
International organisations working on issues of nuclear technology	09
Journalists (TV, radio, newspapers)	10
Friends and family	11
Other	12
None	13
(Do not know)	98

29. Have you recently seen or heard any advertising from the South African Nuclear Energy Corporation Ltd?

Yes	1
No	2
(Do not know)	8

30. Do you believe that the nuclear industry in South Africa should do more to promote the benefits of nuclear technology?

Yes	1
No	2
Don't know	8

31. Taking into account all that you know about this topic and thinking about you and your family, do you see nuclear energy and nuclear technology more as a benefit or more as a risk?

More as a benefit	1
More as a risk	2
Neither / indifferent	3
(Do not know)	8



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