

Appendix A:

The World Values Survey

World Values Survey

The World Values Survey is a worldwide investigation of sociocultural and political change. It is conducted by a global network of social scientists that have carried out surveys of representative national samples of the publics of over 80 societies on all six inhabited continents. A total of four survey waves have been carried since 1981 allowing accurate comparative analysis.

The World Values Survey has produced evidence of gradual but pervasive changes in what people want out of life. Moreover, the survey shows that the basic direction of these changes is, to some extent, predictable.

The project is being carried out by an international network of social scientists, with local funding for each survey (though in some cases, supplementary funding has been obtained from outside sources). In exchange for providing the data from interviews with a representative national sample of at least 1,000 people in their own society, each participating group gets immediate access to the data from all of the other participating societies. Thus, they are able to compare the basic values and beliefs of the people of their own society with those of more than 60 other societies. In addition, they are invited to international meetings at which they can compare findings and interpretations with other members of the WVS network.

The World Values Survey data have become increasingly well-known in recent years, and have been utilized in hundreds of publications in more than a dozen languages; an incomplete list appears in the publications section. These data have also been used extensively in graduate seminars and for instructional purposes more broadly.

The Origins of the World Values Surveys

The World Values Surveys grew out of a study launched by the European Values Survey group (EVS) under the leadership of Jan Kerkhofs and Ruud de Moor, with an advisory committee consisting of Gordon Heald, Juan Linz, Elisabeth Noelle-Neumann, Jacques Rabier and Helene Riffault. In 1981, the EVS carried out surveys in ten West European societies; it evoked such widespread interest that it was replicated in 14 additional countries.

Findings from these surveys suggested that predictable cultural changes were taking place. To monitor these changes, a new wave of surveys was launched, this time designed to be carried out globally. The second wave of surveys was designed and coordinated by the following steering committee: Ruud de Moor, chair; Jan Kerkhofs, co-chair; Karel Dobbelaere, Loek Halman, Stephen Harding, Felix Heunks, Ronald Inglehart, Renate Koecher, Jacques Rabier and Noel Timms.

Inglehart organized the surveys in non-European countries and in several East European countries. WVS Participants from nearly 40 societies on all six inhabited continents met in Spain in September 1993 to evaluate results of the first two waves of surveys. Coherent patterns of change were observed from 1981 to 1990, with a wide range of key values. To monitor these changes and probe more deeply into their causes and consequences, the group agreed to carry out additional waves of research and began designing the 1995 wave. This wave was designed to give special attention to obtaining better

coverage of non-Western societies and analyzing the development of a democratic political culture in the emerging Third Wave democracies. The EVS group did not participate in the 1995 wave.

A fourth wave of surveys was carried out jointly by the WVS and EVS groups in 1999-2001. These surveys cover a broader range of variation than has ever before been available for analyzing the belief systems of mass publics. They provide data from representative national samples of the publics of 81 societies containing 85 percent of the world's population and covering the full range of variation, from societies with per capita incomes below \$300 per year, to societies with per capita incomes of more than \$35,000 per year; from long-established democracies to authoritarian states; and from societies with market economies to societies that are in the process of emerging from state-run economies. They cover societies that were historically shaped by a wide variety of religious and cultural traditions, from Christian to Islamic to Confucian to Hindu; and from societies whose culture emphasizes social conformity and group-obligations, to societies where the main emphasis is on human emancipation and self-expression.

Appendix B

Distribution of memberships per region

Passive memberships

Type of organisation: Social welfare service for elderly

	Not mentioned	Belong	Total
Noord-Holland	172	34	206
Zuid-Holland	165	47	212
Utrecht	29	5	34
Zeeland	19	4	23
Noord-Brabant	115	36	151
Limburg	25	9	34
Gelderland	116	29	145
Overijssel	53	23	76
Flevoland	12	5	17
Friesland	25	7	32
Drenthe	23	8	31
Groningen	28	9	37
Total	728	216	998

Type of organisation: Church organisation

	Not mentioned	Belong	Total
Noord-Holland	154	52	206
Zuid-Holland	138	74	212
Utrecht	25	9	34
Zeeland	15	8	23
Noord-Brabant	97	54	151
Limburg	24	10	34
Gelderland	82	63	145
Overijssel	43	33	76
Flevoland	12	5	17
Friesland	17	15	32
Drenthe	17	14	31
Groningen	29	8	37
Total	653	345	998

Type of organisation: Cultural activities

	Not mentioned	Belong	Total
Noord-Holland	111	95	206
Zuid-Holland	118	94	212
Utrecht	10	24	34
Zeeland	16	7	23
Noord-Brabant	94	57	151
Limburg	22	12	34
Gelderland	76	69	145
Overijssel	44	32	76
Flevoland	10	7	17
Friesland	14	18	32
Drenthe	17	14	31
Groningen	14	23	37
Total	546	452	998

Type of organisation: Labour unions

	Not mentioned	Belong	Total
Noord-Holland	156	50	206
Zuid-Holland	159	53	212
Utrecht	29	5	34
Zeeland	18	5	23
Noord-Brabant	120	31	151
Limburg	21	13	34
Gelderland	120	25	145
Overijssel	55	21	76
Flevoland	13	4	17
Friesland	22	10	32
Drenthe	23	8	31
Groningen	27	10	37
Total	763	235	998

Type of organisation: Political parties

	Not mentioned	Belong	Total
Noord-Holland	193	13	206
Zuid-Holland	191	21	212
Utrecht	28	6	34
Zeeland	22	1	23
Noord-Brabant	138	13	151
Limburg	28	6	34
Gelderland	133	12	145
Overijssel	68	8	76
Flevoland	16	1	17
Friesland	30	2	32
Drenthe	27	4	31
Groningen	31	6	37
Total	905	93	998

Type of organisation: Local political

	Not mentioned	Belong	Total
Noord-Holland	189	17	206
Zuid-Holland	193	19	212
Utrecht	30	4	34
Zeeland	22	1	23
Noord-Brabant	144	7	151
Limburg	33	1	34
Gelderland	138	7	145
Overijssel	73	3	76
Flevoland	16	1	17
Friesland	29	3	32
Drenthe	28	3	31
Groningen	34	3	37
Total	929	69	998

Type of organisation: Human rights

	Not mentioned	Belong	Total
Noord-Holland	156	50	206
Zuid-Holland	160	52	212
Utrecht	18	16	34
Zeeland	22	1	23
Noord-Brabant	120	31	151
Limburg	25	9	34
Gelderland	108	37	145
Overijssel	58	18	76
Flevoland	13	4	17
Friesland	25	7	32
Drenthe	22	9	31
Groningen	26	11	37
Total	753	245	998

Type of organisation: Conservation, the environment, ecology, animal rights

	Not mentioned	Belong	Total
Noord-Holland	101	105	206
Zuid-Holland	104	108	212
Utrecht	13	21	34
Zeeland	16	7	23
Noord-Brabant	101	50	151
Limburg	21	13	34
Gelderland	80	65	145
Overijssel	45	31	76
Flevoland	11	6	17
Friesland	16	16	32
Drenthe	22	9	31
Groningen	19	18	37
Total	549	449	998

Type of organisation: Professional associations

	Not mentioned	Belong	Total
Noord-Holland	165	41	206
Zuid-Holland	173	39	212
Utrecht	26	8	34
Zeeland	22	1	23
Noord-Brabant	127	24	151
Limburg	25	9	34
Gelderland	122	23	145
Overijssel	60	16	76
Flevoland	14	3	17
Friesland	28	4	32
Drenthe	28	3	31
Groningen	33	4	37
Total	823	175	998

Type of organisation: Youth work

	Not mentioned	Belong	Total
Noord-Holland	197	9	206
Zuid-Holland	205	7	212
Utrecht	31	3	34
Zeeland	22	1	23
Noord-Brabant	140	11	151
Limburg	31	3	34
Gelderland	132	13	145
Overijssel	74	2	76
Flevoland	14	3	17
Friesland	31	1	32
Drenthe	27	4	31
Groningen	34	3	37
Total	938	60	998

Type of organisation: Sports or recreation

	Not mentioned	Belong	Total
Noord-Holland	103	103	206
Zuid-Holland	116	96	212
Utrecht	17	17	34
Zeeland	14	9	23
Noord-Brabant	68	83	151
Limburg	17	17	34
Gelderland	70	75	145
Overijssel	31	45	76
Flevoland	7	10	17
Friesland	19	13	32
Drenthe	13	18	31
Groningen	13	24	37
Total	488	510	998

Type of organisation: Women's group

	Not mentioned	Belong	Total
Noord-Holland	195	11	206
Zuid-Holland	202	10	212
Utrecht	34	0	34
Zeeland	22	1	23
Noord-Brabant	144	7	151
Limburg	33	1	34
Gelderland	144	1	145
Overijssel	73	3	76
Flevoland	17	0	17
Friesland	30	2	32
Drenthe	29	2	31
Groningen	34	3	37
Total	957	41	998

Type of organisation: Peace movement

	Not mentioned	Belong	Total
Noord-Holland	197	9	206
Zuid-Holland	208	4	212
Utrecht	31	3	34
Zeeland	23	0	23
Noord-Brabant	150	1	151
Limburg	32	2	34
Gelderland	142	3	145
Overijssel	74	2	76
Flevoland	17	0	17
Friesland	32	0	32
Drenthe	29	2	31
Groningen	35	2	37
Total	970	28	998

Type of organisation: Concerned with health

	Not mentioned	Belong	Total
Noord-Holland	194	12	206
Zuid-Holland	191	21	212
Utrecht	30	4	34
Zeeland	21	2	23
Noord-Brabant	139	12	151
Limburg	30	4	34
Gelderland	132	13	145
Overijssel	70	6	76
Flevoland	15	2	17
Friesland	29	3	32
Drenthe	29	2	31
Groningen	33	4	37
Total	913	85	998

Organisation: Other groups

	Not mentioned	Belong	Total
Noord-Holland	182	24	206
Zuid-Holland	193	19	212
Utrecht	30	4	34
Zeeland	18	5	23
Noord-Brabant	141	10	151
Limburg	29	5	34
Gelderland	132	13	145
Overijssel	69	7	76
Flevoland	16	1	17
Friesland	31	1	32
Drenthe	29	2	31
Groningen	36	1	37
Total	906	92	998

Organisation: None

	Not mentioned	Belong	Total
Noord-Holland	184	22	206
Zuid-Holland	199	13	212
Utrecht	34	0	34
Zeeland	20	3	23
Noord-Brabant	136	15	151
Limburg	32	2	34
Gelderland	136	9	145
Overijssel	72	4	76
Flevoland	13	4	17
Friesland	28	4	32
Drenthe	31	0	31
Groningen	37	0	37
Total	922	76	998

	Passive memberships	Percent	Amount of interviews
Noord-Holland	625	20,14	206
Zuid-Holland	664	21,39	212
Utrecht	129	4,16	34
Zeeland	53	1,17	23
Noord-Brabant	427	13,76	151
Limburg	114	3,67	34
Gelderland	448	14,43	145
Overijssel	250	8,05	76
Flevoland	52	1,68	17
Friesland	102	3,29	32
Drenthe	102	3,29	31
Groningen	129	4,16	37
Unknown	9	0,29	5
Total	3104	100,00	1003

Active memberships

Type of organisation: Social welfare service for elderly

	Not mentioned	Belong	Total
Noord-Holland	192	14	206
Zuid-Holland	192	20	212
Utrecht	31	3	34
Zeeland	21	2	23
Noord-Brabant	138	13	151
Limburg	30	4	34
Gelderland	131	14	145
Overijssel	64	12	76
Flevoland	17	0	17
Friesland	28	4	32
Drenthe	26	5	31
Groningen	36	1	37
Total	906	92	998

Type of organisation: Church organisation

	Not mentioned	Belong	Total
Noord-Holland	185	21	206
Zuid-Holland	187	25	212
Utrecht	30	4	34
Zeeland	22	1	23
Noord-Brabant	140	11	151
Limburg	30	4	34
Gelderland	128	17	145
Overijssel	64	12	76
Flevoland	15	2	17
Friesland	23	9	32
Drenthe	27	4	31
Groningen	33	4	37
Total	884	114	998

Type of organisation: Cultural activities

	Not mentioned	Belong	Total
Noord-Holland	164	42	206
Zuid-Holland	178	34	212
Utrecht	27	7	34
Zeeland	21	2	23
Noord-Brabant	133	18	151
Limburg	26	8	34
Gelderland	126	19	145
Overijssel	59	17	76
Flevoland	15	2	17
Friesland	23	9	32
Drenthe	28	3	31
Groningen	28	9	37
Total	828	170	998

Type of organisation: Labour unions

	Not mentioned	Belong	Total
Noord-Holland	200	6	206
Zuid-Holland	206	6	212
Utrecht	34	0	34
Zeeland	22	1	23
Noord-Brabant	148	3	151
Limburg	31	3	34
Gelderland	145	0	145
Overijssel	76	0	76
Flevoland	17	0	17
Friesland	31	1	32
Drenthe	29	2	31
Groningen	37	0	37
Total	976	22	998

Type of organisation: Political parties

	Not mentioned	Belong	Total
Noord-Holland	204	2	206
Zuid-Holland	204	8	212
Utrecht	34	0	34
Zeeland	22	1	23
Noord-Brabant	147	4	151
Limburg	32	2	34
Gelderland	143	2	145
Overijssel	73	3	76
Flevoland	17	0	17
Friesland	31	1	32
Drenthe	28	3	31
Groningen	37	0	37
Total	972	26	998

Type of organisation: Local political

	Not mentioned	Belong	Total
Noord-Holland	195	11	206
Zuid-Holland	201	11	212
Utrecht	33	1	34
Zeeland	22	1	23
Noord-Brabant	147	4	151
Limburg	33	1	34
Gelderland	140	5	145
Overijssel	75	1	76
Flevoland	17	0	17
Friesland	30	2	32
Drenthe	29	2	31
Groningen	37	0	37
Total	959	39	998

Type of organisation: Human rights

	Not mentioned	Belong	Total
Noord-Holland	195	11	206
Zuid-Holland	205	7	212
Utrecht	33	1	34
Zeeland	23	0	23
Noord-Brabant	145	6	151
Limburg	32	2	34
Gelderland	142	3	145
Overijssel	74	2	76
Flevoland	16	1	17
Friesland	28	4	32
Drenthe	29	2	31
Groningen	37	0	37
Total	959	39	998

Type of organisation: Conservation, the environment, ecology, animal rights

	Not mentioned	Belong	Total
Noord-Holland	206	0	206
Zuid-Holland	207	5	212
Utrecht	34	0	34
Zeeland	22	1	23
Noord-Brabant	149	2	151
Limburg	31	3	34
Gelderland	137	8	145
Overijssel	75	1	76
Flevoland	17	0	17
Friesland	30	2	32
Drenthe	30	1	31
Groningen	35	2	37
Total	973	25	998

Type of organisation: Professional associations

	Not mentioned	Belong	Total
Noord-Holland	197	9	206
Zuid-Holland	204	8	212
Utrecht	33	1	34
Zeeland	22	1	23
Noord-Brabant	147	4	151
Limburg	32	2	34
Gelderland	140	5	145
Overijssel	71	5	76
Flevoland	17	0	17
Friesland	32	0	32
Drenthe	30	1	31
Groningen	36	1	37
Total	961	37	998

Type of organisation: Youth work

	Not mentioned	Belong	Total
Noord-Holland	198	8	206
Zuid-Holland	206	6	212
Utrecht	33	1	34
Zeeland	22	1	23
Noord-Brabant	143	8	151
Limburg	31	3	34
Gelderland	137	8	145
Overijssel	76	0	76
Flevoland	16	1	17
Friesland	31	1	32
Drenthe	28	3	31
Groningen	35	2	37
Total	956	42	998

Type of organisation: Sports or recreation

	Not mentioned	Belong	Total
Noord-Holland	181	25	206
Zuid-Holland	182	30	212
Utrecht	31	3	34
Zeeland	20	3	23
Noord-Brabant	121	30	151
Limburg	30	4	34
Gelderland	118	27	145
Overijssel	56	20	76
Flevoland	15	2	17
Friesland	28	4	32
Drenthe	22	9	31
Groningen	33	4	37
Total	837	161	998

Type of organisation: Women's group

	Not mentioned	Belong	Total
Noord-Holland	201	5	206
Zuid-Holland	208	4	212
Utrecht	34	0	34
Zeeland	22	1	23
Noord-Brabant	147	4	151
Limburg	33	1	34
Gelderland	145	0	145
Overijssel	75	1	76
Flevoland	17	0	17
Friesland	30	2	32
Drenthe	30	1	31
Groningen	35	2	37
Total	977	21	998

Type of organisation: Peace movement

	Not mentioned	Belong	Total
Noord-Holland	202	4	206
Zuid-Holland	212	0	212
Utrecht	34	0	34
Zeeland	23	0	23
Noord-Brabant	150	1	151
Limburg	33	1	34
Gelderland	145	0	145
Overijssel	76	0	76
Flevoland	17	0	17
Friesland	32	0	32
Drenthe	31	0	31
Groningen	37	0	37
Total	992	6	998

Type of organisation: Concerned with health

	Not mentioned	Belong	Total
Noord-Holland	197	9	206
Zuid-Holland	194	18	212
Utrecht	32	2	34
Zeeland	23	0	23
Noord-Brabant	140	11	151
Limburg	30	4	34
Gelderland	134	11	145
Overijssel	71	5	76
Flevoland	16	1	17
Friesland	29	3	32
Drenthe	29	2	31
Groningen	33	4	37
Total	928	70	998

Organisation: Other groups

	Not mentioned	Belong	Total
Noord-Holland	191	15	206
Zuid-Holland	200	12	212
Utrecht	31	3	34
Zeeland	20	3	23
Noord-Brabant	145	6	151
Limburg	30	4	34
Gelderland	135	10	145
Overijssel	72	4	76
Flevoland	16	1	17
Friesland	31	1	32
Drenthe	29	2	31
Groningen	36	1	37
Total	936	62	998

Organisation: None

	Not mentioned	Belong	Total
Noord-Holland	97	109	206
Zuid-Holland	99	113	212
Utrecht	19	15	34
Zeeland	11	12	23
Noord-Brabant	71	80	151
Limburg	16	18	34
Gelderland	69	76	145
Overijssel	44	32	76
Flevoland	5	12	17
Friesland	20	12	32
Drenthe	21	10	31
Groningen	19	18	37
Total	491	507	998

	Active memberships	Percent	Amount of interviews
Noord-Holland	182	19,61	206
Zuid-Holland	194	20,91	212
Utrecht	26	2,80	34
Zeeland	18	1,94	23
Noord-Brabant	125	13,47	151
Limburg	46	4,96	34
Gelderland	129	13,90	145
Overijssel	83	8,94	76
Flevoland	10	1,08	17
Friesland	43	4,63	32
Drenthe	40	4,31	31
Groningen	30	3,23	37
Unknown	2	0,22	5
Total	928	100,00	1003

Appendix C:

Trust and membership

	Trust & Passive membership	Trust & Active membership
Social welfare	0,056	0,134
Church organisation	0,815	0,478
Cultural activities	0,000*	0,037*
Labour unions	0,248	0,035*
Political parties	0,677	0,801
Local political	0,769	0,601
Human rights	0,000*	0,601
Conservation, environment, ecology, animals	0,000*	0,413
Professional associations	0,000*	0,197
Youth work	0,059	0,225
Sports or recreation	0,000*	0,000*
Women's group	0,656	0,781
Peace movement	0,043*	no valid results
Health	0,241	0,201
Other groups	0,487	0,760

	Trust
Total number of memberships per respondent (recoded)	0,000*
Total number of active memberships per respondent (recoded)	0,080
Putnam groups	0,018*
Olson groups	0,008*

* Significant

Appendix D:

Economic growth

	GDP * 1995	GDP 1999	Growth rate	Label
Noord-Holland	55.016	69.625	0,27	High
Zuid-Holland	67.218	82.425	0,23	Low
Utrecht	24.673	32.932	0,33	High
Zeeland	6.874	7.465	0,09	Low
Noord-Brabant	43.108	54.696	0,27	High
Limburg	19.193	23.756	0,24	Average
Gelderland	31.792	38.887	0,22	Low
Overijssel	17.507	21.305	0,22	Low
Flevoland	3.951	5.384	0,36	High
Friesland	9.871	11.942	0,21	Low
Drenthe	7.409	8.639	0,17	Low
Groningen	12.840	13.977	0,09	Low
Netherlands	302232	374070	0,24	Average

* GDP in mln. Euro

	GDP per capita* 1995	GDP per capita 1999	Growth rate	Label
Noord-Holland	22	28	0,27	Very high
Zuid-Holland	20	24	0,20	High
Utrecht	23	30	0,30	Very high
Zeeland	19	20	0,05	Low
Noord-Brabant	19	23	0,21	High
Limburg	17	21	0,24	Very high
Gelderland	17	20	0,18	High
Overijssel	17	20	0,18	High
Flevoland	15	17	0,13	Low
Friesland	16	19	0,19	High
Drenthe	16	18	0,13	Low
Groningen	23	25	0,09	Low
Netherlands	20	23	0,15	Average

* GDP per capita x 1000 Euro