

KIDSCREEN Health Related Quality of Life Questionnaires

Appendix A8:

Provision of Item Answer Category Thresholds (Partial Credit Analysis) for Interpreting the KIDSCREEN European T-value Scoring by the Item Content

Table A8_1-A8_10: Item Answer Category Thresholds KIDSCREEN-52 HRQoL Instrument Self Report

KS-52 physical self	<i>poor/fair - good/very good</i>	<i>good/very good - excellent</i>		
In general, how would you say your health is? (collapsed)	26.73	59.70		
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you felt fit and well?	29.47	32.98	42.84	55.72
Have you been physically active (e.g. running, climbing, biking)?	33.30	39.47	45.81	53.77
Have you been able to run well?	33.64	33.66	42.45	52.34
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	23.74	35.11	45.51	59.47

KS-52 psych self	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Has your life been enjoyable?	27.47	32.05	41.04	52.78
Have you felt pleased that you are alive?	27.89	31.52	38.04	46.47
Have you felt satisfied with your life?	29.28	32.63	41.03	51.66
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been in a good mood?	20.12	32.45	42.83	58.74
Have you felt cheerful?	20.21	32.72	42.62	57.65
Have you had fun?	22.59	33.62	41.49	54.25

KS-52 moods self	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt that you do everything badly?	25.72	32.20	38.47	56.53
Have you felt sad?	23.54	31.88	39.21	56.32
Have you felt so bad that you didn't want to do anything?	25.46	31.75	37.21	46.47
Have you felt that everything in your life goes wrong?	26.13	32.52	36.68	46.28
Have you felt fed up?	28.05	35.14	42.21	52.60
Have you felt lonely?	29.24	34.49	38.00	45.56
Have you felt under pressure?	31.31	35.93	42.09	49.78

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 Selfpercept self				
Have you been happy with the way you are?	26.95	35.74	41.97	53.93
Have you been happy with your clothes?	26.74	33.19	40.79	49.35
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you been worried about the way you look?	36.95	39.71	43.56	53.34
Have you felt jealous of the way other girls and boys look?	32.11	36.53	39.31	45.28
Would you like to change something about your body?	42.27	39.73	45.52	48.39

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 autonomy self				
Have you had enough time for yourself?	24.46	38.19	44.00	54.11
Have you been able to do the things that you want to do in your free time?	25.55	38.39	43.54	54.24
Have you had enough opportunity to be outside?	27.61	39.43	42.72	49.74
Have you had enough time to meet friends?	27.57	39.47	44.46	54.13
Have you been able to choose what to do in your free time?	26.27	35.20	41.88	50.57

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-52 parents self				
Have your parent(s) understood you?	29.25	34.04	42.75	53.94
Have you felt loved by your parent(s)?	24.84	29.55	35.50	43.76
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been happy at home?	22.25	32.62	39.42	49.98
Have your parent(s) had enough time for you?	24.52	36.45	43.54	54.12
Have your parent(s) treated you fairly?	24.50	32.84	41.00	49.34
Have you been able to talk to your parent(s) when you wanted to?	25.78	35.25	41.57	48.16

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 financial self				
Have you had enough money to do the same things as your friends?	31.52	39.60	45.62	53.41
Have you had enough money for your expenses?	31.15	38.83	44.64	51.43
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Do you have enough money to do things with your friends?	32.67	37.76	44.78	56.41

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 peers self				
Have you spent time with your friends?	24.59	35.10	41.12	54.09
Have you done things with other girls and boys?	33.46	39.77	45.31	58.77
Have you had fun with your friends?	25.28	32.57	38.10	47.75
Have you and your friends helped each other?	26.67	34.43	42.78	51.67
Have you been able to talk about everything with your friends?	31.30	38.94	45.59	52.82
Have you been able to rely on your friends?	26.80	35.25	42.18	49.70

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-52 school self				
Have you been happy at school?	34.69	36.48	46.01	58.79
Have you got on well at school?	31.19	33.88	44.20	57.70
Have you been satisfied with your teachers?	35.55	39.08	48.28	56.32
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	24.63	35.27	44.64	58.40
Have you enjoyed going to school?	36.95	42.24	50.13	58.10
Have you got along well with your teachers?	28.25	35.33	44.11	53.75

	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
KS-52 bullying self				
Have you been afraid of other girls and boys?	23.42	26.44	30.79	42.61
Have other girls and boys made fun of you?	26.05	30.44	33.65	48.84
Have other girls and boys bullied you?	24.20	28.87	31.77	38.93

Table A8_11-A8_15: Item Answer Category Thresholds KIDSCREEN-27 HRQoL Instrument Self Report

	<i>poor/fair - good/very good</i>	<i>good/very good - excellent</i>		
KS-27 physical self				
In general, how would you say your health is? (collapsed)	26.73	59.70		
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you felt fit and well?	29.47	32.98	42.84	55.72
Have you been physically active (e.g. running, climbing, biking)?	33.30	39.47	45.81	53.77
Have you been able to run well?	33.64	33.66	42.45	52.34
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	23.74	35.11	45.51	59.47

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-27 psych self				
Has your life been enjoyable?	28.80	31.43	39.94	52.06
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been in a good mood?	19.59	31.91	41.56	59.05
Have you had fun?	22.41	33.52	40.23	53.78
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt sad?	23.03	31.77	39.18	56.10
Have you felt so bad that you didn't want to do anything?	25.21	31.58	37.24	46.27
Have you felt lonely?	29.03	34.46	38.01	45.35
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been happy with the way you are?	26.58	35.65	42.74	53.63

	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-27 parents self				
Have you had enough time for yourself?	23.91	36.56	42.28	52.20
Have you been able to do the things that you want to do in your free time?	25.30	32.66	40.19	46.69
Have your parent(s) had enough time for you?	26.35	35.75	40.91	44.94
Have your parent(s) treated you fairly?	23.20	37.89	43.00	53.30
Have you been able to talk to your parent(s) when you wanted to?	24.49	38.15	42.30	53.45
Have you had enough money to do the same things as your friends?	32.65	39.87	44.54	48.93
Have you had enough money for your expenses?	32.49	39.29	43.77	46.63

KS-27 peers self	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you spent time with your friends?	24.31	35.04	41.54	54.87
Have you had fun with your friends?	24.83	32.39	38.39	48.54
Have you and your friends helped each other?	26.39	34.49	43.11	52.55
Have you been able to rely on your friends?	26.44	35.23	42.48	50.57

KS-27 school self	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you been happy at school?	35.23	36.79	46.09	58.87
Have you got on well at school?	31.95	34.30	44.33	57.73
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	25.66	35.64	44.77	58.44
Have you got along well with your teachers?	29.16	35.70	44.20	53.84

Table A8_16: Item Answer Category Thresholds KIDSCREEN-10 HRQoL Index Self Report

KS-10 Index self	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you felt fit and well?	29.48	30.70	41.34	55.72
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	21.57	33.33	44.35	60.12
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt sad?	23.41	30.69	37.20	56.30
Have you felt lonely?	30.49	34.64	36.45	43.29
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you had fun with your friends?	28.17	31.82	36.10	45.99
Have you had enough time for yourself?	25.59	32.46	39.97	46.18
Have you been able to do the things that you want to do in your free time?	23.13	37.74	42.77	52.88
Have your parent(s) treated you fairly?	24.48	38.00	42.07	53.08
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you got on well at school?	32.08	31.34	42.89	58.12
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	22.84	33.55	43.36	58.98

Table A8_17-A8_26: Item Answer Category Thresholds KIDSCREEN-52 HRQoL Instrument Proxy Report

KS-27 physical proxy	<i>poor/fair - good/very good</i>	<i>good/very good - excellent</i>		
In general, how would you say your health is? (collapsed)	25.24	60.01		
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you felt fit and well?	26.63	28.66	40.34	56.90
Have you been physically active (e g running, climbing, biking)?	32.99	37.20	46.65	56.21
Have you been able to run well?	33.49	32.57	41.76	54.07
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	16.40	32.74	43.25	58.11
KS-52 psych proxy	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Has your life been enjoyable?	24.12	27.76	40.40	56.76
Have you felt pleased that you are alive?	21.98	25.39	35.93	50.94
Have you felt satisfied with your life?	25.00	26.50	38.98	55.00
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been in a good mood?	18.02	30.66	43.67	61.81
Have you felt cheerful?	17.18	30.41	43.20	61.19
Have you had fun?	18.82	31.90	43.49	61.31
KS-52 moods proxy	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt that you do everything badly?	14.41	26.77	38.30	58.55
Have you felt sad?	8.88	23.96	37.54	59.99
Have you felt so bad that you didn't want to do anything?	14.46	26.17	33.04	45.80
Have you felt that everything in your life goes wrong?	15.80	25.28	33.65	46.67
Have you felt fed up?	15.07	26.64	37.95	51.10
Have you felt lonely?	17.50	25.28	33.92	47.36
Have you felt under pressure?	21.36	30.27	40.90	54.07

	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 Selfpercept proxy				
Have you been happy with the way you are?	18.46	32.10	40.15	57.77
Have you been happy with your clothes?	21.99	31.84	40.09	54.58
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you been worried about the way you look?	33.65	37.31	42.20	54.96
Have you felt jealous of the way other girls and boys look?	25.39	31.63	35.44	45.48
Would you like to change something about your body?	33.60	33.98	41.03	48.27

	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 autonomy proxy				
Have you had enough time for yourself?	19.63	34.35	41.78	55.41
Have you been able to do the things that you want to do in your free time?	18.02	31.94	40.75	55.54
Have you had enough opportunity to be outside?	18.39	35.70	41.47	51.06
Have you had enough time to meet friends?	17.71	35.57	43.62	57.23
Have you been able to choose what to do in your free time?	15.11	29.87	40.33	54.76

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-52 parents proxy				
Have your parent(s) understood you?	24.94	28.94	42.32	59.82
Have you felt loved by your parent(s)?	20.38	23.26	33.25	48.46
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been happy at home?	15.18	26.92	37.82	53.04
Have your parent(s) had enough time for you?	19.50	33.07	44.65	58.58
Have your parent(s) treated you fairly?	20.41	31.68	42.31	57.79
Have you been able to talk to your parent(s) when you wanted to?	16.40	28.49	38.50	48.40

	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 financial proxy				
Have you had enough money to do the same things as your friends?	30.59	39.89	47.64	57.36
Have you had enough money for your expenses?	30.23	39.04	46.21	53.83
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Do you have enough money to do things with your friends?	32.47	38.85	48.50	60.03

	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-52 peers proxy				
Have you spent time with your friends?	18.64	34.45	44.53	61.25
Have you done things with other girls and boys?	24.27	37.38	46.88	62.66
Have you had fun with your friends?	19.29	31.84	42.24	56.87
Have you and your friends helped each other?	22.30	34.91	47.58	60.09
Have you been able to talk about everything with your friends?	23.05	36.04	47.88	59.15
Have you been able to rely on your friends?	21.93	35.57	47.23	59.16

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-52 school proxy				
Have you been happy at school?	29.05	32.75	45.64	62.51
Have you got on well at school?	27.52	30.45	43.29	58.39
Have you been satisfied with your teachers?	29.68	34.84	48.90	61.75
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	16.30	31.48	44.17	59.93
Have you enjoyed going to school?	27.32	36.53	46.19	56.25
Have you got along well with your teachers?	21.16	31.67	43.20	55.67

	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
KS-52 bullying proxy				
Have you been afraid of other girls and boys?	12.05	22.24	31.63	47.09
Have other girls and boys made fun of you?	13.98	23.62	33.28	51.39
Have other girls and boys bullied you?	14.57	23.30	31.44	43.96

Table A8_27-A8_31: Item Answer Category Thresholds KIDSCREEN-27 HRQoL Instrument Proxy Report

	<i>poor/fair - good/very good</i>	<i>good/very good - excellent</i>		
KS-27 physical proxy				
In general, how would you say your health is? (collapsed)	25.24	60.01		
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremel y</i>
Have you felt fit and well?	26.63	28.66	40.34	56.90
Have you been physically active (e.g. running, climbing, biking)?	32.99	37.20	46.65	56.21
Have you been able to run well?	33.49	32.57	41.76	54.07
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	16.40	32.74	43.25	58.11

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremel y</i>
KS-27 psych proxy				
Has your life been enjoyable?	24.08	26.07	39.02	57.02
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been in a good mood?	10.08	29.47	42.31	63.34
Have you had fun?	15.50	31.26	42.00	62.65
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt sad?	8.88	23.99	37.23	59.82
Have you felt so bad that you didn't want to do anything?	14.28	26.67	32.93	45.44
Have you felt lonely?	18.19	25.52	33.89	46.98
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been happy with the way you are?	16.49	31.53	41.08	57.14

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-27 parents proxy				
Have you had enough time for yourself?	14.84	31.09	43.24	59.02
Have you been able to do the things that you want to do in your free time?	17.53	29.68	40.19	58.33
Have your parent(s) had enough time for you?	12.07	26.80	37.21	46.01
Have your parent(s) treated you fairly?	16.24	33.86	39.47	55.10
Have you been able to talk to your parent(s) when you wanted to?	14.97	30.85	38.29	55.45
Have you had enough money to do the same things as your friends?	29.60	39.23	46.54	55.34
Have you had enough money for your expenses?	29.57	38.57	45.56	50.76

	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
KS-27 peers proxy				
Have you spent time with your friends?	18.40	34.70	44.82	61.19
Have you had fun with your friends?	19.00	32.03	42.56	56.88
Have you and your friends helped each other?	22.28	35.19	47.84	60.02
Have you been able to rely on your friends?	21.91	35.87	47.50	59.12

	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
KS-27 school proxy				
Have you been happy at school?	29.42	33.01	45.83	62.43
Have you got on well at school?	27.99	30.70	43.49	58.34
	<i>never -seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	16.95	31.76	44.36	59.87
Have you got along well with your teachers?	21.73	31.92	43.41	55.62

Table A8_32: Item Answer Category Thresholds KIDSCREEN-10 HRQoL Index Proxy Report

KS-10 Index proxy	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you felt fit and well?	27.51	24.56	37.53	57.72
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you felt full of energy?	10.28	30.30	41.26	58.89
	<i>always - very often</i>	<i>very often - quite often</i>	<i>quite often - seldom</i>	<i>seldom - never</i>
Have you felt sad?	4.71	20.06	33.73	62.10
Have you felt lonely?	17.20	23.59	30.78	45.24
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you had fun with your friends?	18.03	29.39	38.96	58.09
Have you had enough time for yourself?	16.68	28.91	39.58	58.70
Have you been able to do the things that you want to do in your free time?	15.46	33.29	38.86	55.30
Have your parent(s) treated you fairly?	14.18	29.99	37.69	55.70
	<i>not at all - slightly</i>	<i>slightly - moderately</i>	<i>moderately - very</i>	<i>very - extremely</i>
Have you got on well at school?	27.29	25.24	41.21	59.83
	<i>never - seldom</i>	<i>seldom - quite often</i>	<i>quite often - very often</i>	<i>very often - always</i>
Have you been able to pay attention?	7.94	27.36	42.29	61.96