

Question : In what year were you born?
 Location : SQ3-01A (PS2GBRTY)

Country	Sample	Valid N	1.1986 %	2.1987 %	3.1988 %	4.1989 %	5.1990 %	6.1991 %	7.1992 %	Not Adminis- tered %	Omitted %
Armenia	894	817	.	.	0.2	5.2	79.3	15.2	0.2	8.3	0.0
Iran, Islamic Rep. of	2434	2427	.	0.2	1.1	21.8	76.1	0.8	0.0	0.2	0.0
Italy	1861	1860	0.0	1.4	6.6	86.7	5.2	.	.	0.0	0.0
Lebanon	1595	1586	0.2	1.5	4.3	12.4	68.5	12.9	0.2	0.6	0.0
Netherlands	1511	1481	.	0.4	5.1	28.1	61.1	5.1	0.1	2.0	0.0
Norway	1640	1619	0.4	0.4	5.7	92.3	1.2	.	.	1.0	0.3
Russian Federation	3166	3164	.	0.1	.	1.2	25.7	70.8	2.2	0.1	0.0
Slovenia	1097	1095	0.1	.	2.4	87.7	9.8	.	.	0.2	0.0
Sweden	2291	2279	0.2	0.5	4.6	89.9	4.7	.	.	0.4	0.1
International Avg.	1832	1814	0.2	0.6	3.8	47.3	36.9	21.0	0.5	1.4	0.0

Question : In what year were you born?
Location : SQ3-01A (PS2GBRTY)

Country	Sample	Valid N	1.1986 Mean	2.1987 Mean	3.1988 Mean	4.1989 Mean	5.1990 Mean	6.1991 Mean	7.1992 Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	817	.	.	340.4	499.6	491.7	489.9	348.4	534.9	.
Iran, Islamic Rep. of	2434	2427	.	435.7	343.7	448.4	464.1	527.9	371.7	494.2	.
Italy	1861	1860	429.9	333.7	365.0	427.1	438.1	.	.	.	313.4
Lebanon	1595	1586	366.8	369.0	389.7	392.0	455.9	458.8	505.0	359.2	.
Netherlands	1511	1481	.	564.3	573.3	574.4	587.7	582.9	623.9	561.1	.
Norway	1640	1619	456.1	424.1	517.5	536.6	548.1	.	.	489.2	449.1
Russian Federation	3166	3164	.	530.8	.	472.5	504.8	527.4	552.1	259.6	.
Slovenia	1097	1095	615.3	.	458.5	535.6	549.3	.	.	445.4	.
Sweden	2291	2279	396.6	420.8	481.9	498.7	493.7	.	.	484.9	411.2
International Avg.	1832	1814	452.9	439.8	433.7	487.2	503.7	517.4	480.2	453.6	391.2

Question : In what month were you born?
 Location : SQ3-01B (PS2GBRTM)

Country	Sample	Valid N	1.JANUA	2.FEBRU	3.MARCH	4.APRIL	5.MAY	6.JUNE	7.JULY	8.AUGUS	9.SEPTE	10.OCTO	11.NOVE	12.DECE	Not	Omitted
			RY	ARY						T	MBER	BER	MBER	MBER	Adminis	
			%	%	%	%	%	%	%	%	%	%	%	%	tered	%
Armenia	894	817	9.4	6.5	7.0	7.0	6.8	8.3	10.9	11.4	8.0	9.9	7.9	6.9	8.3	0.0
Iran, Islamic Rep. of	2434	2427	6.5	8.0	10.6	9.2	9.3	7.9	9.0	7.4	12.8	5.1	6.1	8.3	0.2	0.0
Italy	1861	1861	7.0	7.7	8.9	7.5	9.1	8.8	9.7	8.5	10.3	7.0	8.4	7.2	0.0	0.0
Lebanon	1595	1586	11.1	7.6	9.3	7.6	7.3	7.5	8.9	9.2	9.0	7.9	8.0	6.6	0.6	0.0
Netherlands	1511	1481	9.5	8.0	8.2	10.0	8.2	8.1	7.9	8.9	6.8	9.5	7.5	7.3	2.0	0.0
Norway	1640	1624	8.0	7.0	10.1	10.8	10.0	7.7	9.9	7.8	8.4	6.9	6.1	7.2	1.0	0.0
Russian Federation	3166	3164	8.7	7.5	9.0	7.8	8.5	8.6	8.7	9.0	7.7	8.3	8.3	8.0	0.1	0.0
Slovenia	1097	1095	8.4	7.0	8.0	9.8	7.9	7.8	7.6	9.8	8.7	9.2	7.8	8.1	0.2	0.0
Sweden	2291	2282	8.1	8.0	10.2	8.4	9.1	9.5	8.7	8.4	7.4	8.2	7.1	6.8	0.4	0.0
International Avg.	1832	1815	8.5	7.5	9.0	8.7	8.5	8.2	9.0	8.9	8.8	8.0	7.5	7.4	1.4	0.0

Question : In what month were you born?
 Location : SQ3-01B (PS2GBRTM)

Country	Sample	Valid N	1.JANUA	2.FEBRU	3.MARCH	4.APRIL	5.MAY	6.JUNE	7.JULY	8.AUGUS	9.SEPTE	10.OCTO	11.NOVE	12.DECE	Not	Omitted
			RY	ARY						T	MBER	BER	MBER	MBER	Adminis	
			Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	tered	Mean
Armenia	894	817	474.8	492.8	510.6	488.9	496.7	495.4	470.6	507.3	477.3	483.3	492.0	519.1	534.9	.
Iran, Islamic Rep. of	2434	2427	448.5	459.1	451.2	477.3	452.8	466.1	472.9	455.6	474.6	440.3	455.2	444.9	494.2	.
Italy	1861	1861	419.1	424.1	422.3	418.6	415.5	420.3	431.2	421.5	422.5	434.9	412.9	424.5	.	.
Lebanon	1595	1586	435.2	449.7	444.4	444.7	433.1	446.9	453.6	445.4	454.0	446.9	439.2	433.5	359.2	.
Netherlands	1511	1481	584.3	583.8	576.8	580.2	576.9	588.8	592.5	587.3	589.6	577.7	573.9	585.5	561.1	.
Norway	1640	1624	548.9	527.0	536.4	536.7	539.6	539.0	537.2	523.5	530.1	523.1	530.2	537.1	489.2	.
Russian Federation	3166	3164	522.6	536.0	512.1	540.1	530.9	520.9	515.9	516.2	507.0	513.9	525.1	519.5	259.6	.
Slovenia	1097	1095	542.0	541.7	534.8	525.0	535.7	520.2	527.1	538.8	538.1	543.5	538.8	535.6	445.4	.
Sweden	2291	2282	488.9	503.6	499.2	502.1	501.0	506.2	487.8	485.8	487.2	508.1	497.6	492.9	484.9	.
International Avg.	1832	1815	496.0	502.0	498.6	501.5	498.0	500.4	498.8	497.9	497.8	496.9	496.1	499.2	453.6	.

Question : Are you a female or a male?
 Location : SQ3-02 (PS2GSEX)

Country	Sample	Valid N	1.FEMAL	2.MALE	Not Adminis	Omitted	1.FEMAL	2.MALE	Not Adminis	Omitted
			E %	%	tered %	%	E Mean	Mean	tered Mean	Mean
Armenia	894	817	53.5	46.5	8.3	0.0	494.8	487.4	534.9	.
Iran, Islamic Rep. of	2434	2427	44.0	56.0	0.2	0.0	436.8	477.8	494.2	.
Italy	1861	1861	39.6	60.4	0.0	0.0	406.5	432.5	.	.
Lebanon	1595	1586	29.4	70.6	0.6	0.0	451.2	441.0	359.2	.
Netherlands	1511	1481	18.8	81.2	2.0	0.0	566.1	586.8	561.1	.
Norway	1640	1624	28.9	71.1	1.0	0.0	517.2	541.6	489.2	.
Russian Federation	3166	3164	45.0	55.0	0.1	0.0	498.0	540.6	259.6	.
Slovenia	1097	1095	27.4	72.6	0.2	0.0	535.7	535.0	445.4	.
Sweden	2291	2282	35.3	64.7	0.4	0.0	491.0	500.2	484.9	.
International Avg.	1832	1815	35.8	64.2	1.4	0.0	488.6	504.8	453.6	.

Question : How often do you speak <language of test> at home?
Location : SQ3-03 (PS2GOLAN)

Country	Sample	Valid N	1.ALWAY S %	2.ALMO S T ALWAYS %	3.SOMET IMES %	4.NEVER %	Not Adminis tered %	Omitted %	1.ALWAY S Mean	2.ALMO S T ALWAYS Mean	3.SOMET IMES Mean	4.NEVER Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	813	81.9	15.9	1.8	0.4	8.3	0.6	494.1	477.3	482.0	478.6	534.9	519.6
Iran, Islamic Rep. of	2434	2425	66.6	13.1	11.5	8.7	0.2	0.1	465.2	462.6	419.1	467.9	494.2	473.9
Italy	1861	1861	86.9	9.1	3.0	1.1	0.0	0.0	423.3	421.7	383.7	441.1	.	.
Lebanon	1595	1573	2.1	6.8	64.8	26.3	0.7	0.8	459.1	485.2	443.9	433.6	371.9	397.0
Netherlands	1511	1475	89.2	6.4	3.3	1.2	2.0	0.4	583.7	578.7	568.7	570.4	561.1	628.9
Norway	1640	1621	87.5	7.5	3.9	1.2	1.0	0.2	538.5	514.6	485.9	527.5	489.2	539.3
Russian Federation	3166	3161	84.6	11.5	3.3	0.7	0.1	0.1	522.5	519.2	507.9	495.8	259.6	469.9
Slovenia	1097	1092	90.6	6.6	1.6	1.2	0.2	0.3	536.0	529.1	505.0	532.3	445.4	579.5
Sweden	2291	2277	84.0	9.0	5.2	1.8	0.4	0.2	504.9	469.9	433.2	456.4	484.9	433.2
International Avg.	1832	1811	74.8	9.5	10.9	4.7	1.4	0.3	503.1	495.4	469.9	489.3	455.2	505.1

Question : About how many books are there in your home?
Location : SQ3-04 (PS2GBOOK)

Country	Sample	Valid N	1.0-10							1.0-10						
			BOOKS	BOOKS	0 BOOKS	4.101-2	5.MORE	Not	Omitted	BOOKS	BOOKS	0 BOOKS	4.101-2	5.MORE	Not	Omitted
			%	%	%	00	THAN	Adminis	%	Mean	Mean	Mean	Mean	Mean	tered	Mean
Armenia	894	810	6.9	15.2	27.5	21.3	29.1	8.3	0.9	475.6	484.7	491.8	500.4	491.1	534.9	503.2
Iran, Islamic Rep. of	2434	2422	14.5	26.1	26.7	13.2	19.5	0.2	0.2	428.7	438.1	461.9	468.6	502.2	494.2	540.9
Italy	1861	1861	4.8	13.3	24.2	18.0	39.7	0.0	0.0	392.1	401.8	415.1	429.4	433.8	.	.
Lebanon	1595	1570	19.3	28.6	31.0	10.6	10.5	0.6	0.9	420.3	443.2	447.9	465.4	462.9	363.3	377.4
Netherlands	1511	1475	3.8	9.3	25.9	24.0	37.0	2.0	0.4	573.7	576.2	578.5	583.1	588.0	561.1	628.9
Norway	1640	1618	2.7	7.4	16.3	20.4	53.2	1.1	0.3	469.2	471.1	523.7	532.1	550.9	497.4	534.4
Russian Federation	3166	3163	0.8	9.4	28.4	31.6	29.8	0.1	0.0	486.7	467.2	498.2	532.2	550.0	259.6	760.6
Slovenia	1097	1091	2.8	12.1	36.8	25.6	22.6	0.2	0.4	485.7	509.7	527.6	546.8	554.3	445.4	524.9
Sweden	2291	2278	2.9	6.1	20.4	19.4	51.3	0.4	0.2	423.9	435.2	468.0	496.4	520.4	484.9	436.4
International Avg.	1832	1810	6.5	14.2	26.4	20.5	32.5	1.4	0.4	461.8	469.7	490.3	506.0	517.1	455.1	538.3

Question : Do you have a computer in your home?
Location : SQ3-05A (PS2GTH01)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	784	49.6	50.4	8.3	3.3	494.9	489.1	534.9	474.4
Iran, Islamic Rep. of	2434	2412	78.9	21.1	0.2	0.5	466.6	435.6	494.2	413.2
Italy	1861	1861	98.5	1.5	0.0	0.0	421.8	452.1	.	.
Lebanon	1595	1572	90.3	9.7	0.6	0.8	446.9	420.7	356.3	414.2
Netherlands	1511	1479	99.9	0.1	2.0	0.1	582.9	546.5	561.1	594.8
Norway	1640	1618	99.7	0.3	1.0	0.4	534.4	542.6	489.2	574.5
Russian Federation	3166	3160	92.2	7.8	0.1	0.1	525.5	473.1	259.6	536.6
Slovenia	1097	1087	93.7	6.3	0.2	0.8	534.7	547.7	445.4	492.2
Sweden	2291	2276	99.3	0.7	0.4	0.2	497.6	421.2	484.9	465.2
International Avg.	1832	1805	89.1	10.9	1.4	0.7	500.6	481.0	453.2	495.6

Question : Do you have an Internet connection in your home?
Location : SQ3-05B (PS2GTH02)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	770	33.4	66.6	8.3	4.9	493.8	490.6	534.9	485.3
Iran, Islamic Rep. of	2434	2388	69.2	30.8	0.2	1.6	472.0	433.7	494.2	435.6
Italy	1861	1861	95.3	4.7	0.0	0.0	422.3	421.2	.	.
Lebanon	1595	1560	51.9	48.1	0.6	1.6	446.9	442.0	356.3	418.1
Netherlands	1511	1479	99.9	0.1	2.0	0.1	582.9	645.8	561.1	594.8
Norway	1640	1619	99.2	0.8	1.0	0.3	534.6	507.3	489.2	591.6
Russian Federation	3166	3159	68.1	31.9	0.1	0.2	536.0	490.2	259.6	531.2
Slovenia	1097	1092	98.6	1.4	0.2	0.3	534.9	560.3	445.4	493.3
Sweden	2291	2276	99.4	0.6	0.4	0.3	497.7	413.5	484.9	429.5
International Avg.	1832	1800	79.4	20.6	1.4	1.0	502.3	489.4	453.2	497.4

Question : Do you have your own computer at home?
 Location : SQ3-05C (PS2GTH03)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	767	29.8	70.2	8.3	5.3	492.7	492.9	534.9	466.4
Iran, Islamic Rep. of	2434	2383	47.8	52.2	0.2	1.9	469.2	451.6	494.2	448.4
Italy	1861	1861	55.6	44.4	0.0	0.0	417.7	427.9	.	.
Lebanon	1595	1563	52.6	47.4	0.6	1.5	440.7	448.2	356.3	431.8
Netherlands	1511	1479	71.1	28.9	2.0	0.1	580.3	589.3	561.1	594.8
Norway	1640	.	.	.	100.0	0.0	.	.	534.1	.
Russian Federation	3166	3160	50.4	49.6	0.1	0.1	525.7	517.0	259.6	536.6
Slovenia	1097	1091	66.0	34.0	0.2	0.4	534.5	537.0	445.4	491.2
Sweden	2291	2263	76.4	23.6	0.4	0.9	496.4	498.9	484.9	495.4
International Avg.	1832	1821	56.2	43.8	12.4	1.1	494.7	495.4	458.8	494.9

Question : Do you have your own graphing calculator at home?
Location : SQ3-05D (PS2GTH04)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	753	30.1	69.9	8.3	6.7	489.0	492.9	534.9	486.3
Iran, Islamic Rep. of	2434	2381	26.3	73.7	0.2	2.0	455.1	462.1	494.2	435.5
Italy	1861	1861	21.8	78.2	0.0	0.0	415.4	424.1	.	.
Lebanon	1595	1561	39.9	60.1	0.6	1.6	436.4	450.3	356.3	402.0
Netherlands	1511	1479	99.9	0.1	2.0	0.1	582.8	640.1	561.1	594.8
Norway	1640	1619	99.6	0.4	1.0	0.3	534.5	508.6	489.2	591.6
Russian Federation	3166	3159	18.9	81.1	0.1	0.2	508.8	524.4	259.6	516.8
Slovenia	1097	1088	22.6	77.4	0.2	0.7	519.0	540.0	445.4	518.7
Sweden	2291	2270	93.3	6.7	0.4	0.5	497.7	490.2	484.9	459.7
International Avg.	1832	1797	50.3	49.7	1.4	1.3	493.2	503.6	453.2	500.7

Question : Is there a study desk for your use at home?
Location : SQ3-05E (PS2GTH05)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	779	73.5	26.5	8.3	3.8	488.9	499.6	534.9	481.4
Iran, Islamic Rep. of	2434	2409	74.6	25.4	0.2	0.7	470.3	430.3	494.2	412.2
Italy	1861	1861	87.5	12.5	0.0	0.0	421.0	430.9	.	.
Lebanon	1595	1567	74.5	25.5	0.6	1.3	447.7	435.8	356.3	398.4
Netherlands	1511	1479	98.8	1.2	2.0	0.1	582.8	592.0	561.1	594.8
Norway	1640	1619	98.3	1.7	1.0	0.3	535.1	493.4	489.2	591.6
Russian Federation	3166	3160	94.3	5.7	0.1	0.1	522.6	502.7	259.6	536.6
Slovenia	1097	1092	98.9	1.1	0.2	0.3	535.2	545.0	445.4	493.3
Sweden	2291	2275	96.1	3.9	0.4	0.2	498.3	465.8	484.9	460.3
International Avg.	1832	1805	88.5	11.5	1.4	0.8	500.2	488.4	453.2	496.1

Question : Do you have a <country specific> at home?
 Location : SQ3-05F (PS2GTH06)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	772	68.2	31.8	8.5	4.4	494.0	488.4	533.7	474.9
Iran, Islamic Rep. of	2434	2409	68.8	31.2	0.2	0.7	465.2	448.4	494.2	436.6
Italy	1861	1861	66.6	33.4	0.0	0.0	420.6	425.3	.	.
Lebanon	1595	1507	63.8	36.2	0.6	5.4	451.7	431.2	356.3	440.8
Netherlands	1511	.	.	.	100.0	0.0	.	.	582.5	.
Norway	1640	1619	98.8	1.2	1.0	0.3	534.3	544.2	489.2	591.6
Russian Federation	3166	3160	65.3	34.7	0.1	0.1	525.8	513.1	259.6	536.6
Slovenia	1097	1092	90.6	9.4	0.2	0.3	534.9	538.4	445.4	517.5
Sweden	2291	2275	93.7	6.3	0.4	0.3	498.2	480.6	484.9	448.5
International Avg.	1832	1837	77.0	23.0	12.3	1.3	490.6	483.7	455.7	492.3

Question : Do you have a <country specific> at home?
 Location : SQ3-05G (PS2GTH07)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	.	.	.	100.0	0.0	.	.	495.0	.
Iran, Islamic Rep. of	2434	2395	48.7	51.3	0.2	1.3	473.2	447.9	494.2	429.2
Italy	1861	1861	32.5	67.5	0.0	0.0	428.8	419.0	.	.
Lebanon	1595	1490	47.0	53.0	0.6	6.3	446.9	442.9	356.3	433.6
Netherlands	1511	.	.	.	100.0	0.0	.	.	582.5	.
Norway	1640	1617	89.2	10.8	1.0	0.4	537.3	511.3	489.2	552.5
Russian Federation	3166	3160	7.2	92.8	0.1	0.1	529.1	520.8	259.6	536.6
Slovenia	1097	1082	30.6	69.4	0.2	1.2	521.5	541.6	445.4	509.5
Sweden	2291	2273	86.2	13.8	0.4	0.4	500.2	476.9	484.9	486.1
International Avg.	1832	1983	48.8	51.2	22.5	1.1	491.0	480.1	450.9	491.2

Question : Do you have a <country specific> at home?
Location : SQ3-05H (PS2GTH08)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	.	.	.	100.0	0.0	.	.	495.0	.
Iran, Islamic Rep. of	2434	2408	78.7	21.3	0.2	0.8	460.8	456.3	494.2	455.9
Italy	1861	1861	43.8	56.2	0.0	0.0	427.8	417.8	.	.
Lebanon	1595	1517	93.8	6.2	0.6	4.8	446.7	410.0	356.3	436.4
Netherlands	1511	.	.	.	100.0	0.0	.	.	582.5	.
Norway	1640	1619	93.3	6.7	1.0	0.3	536.7	502.5	489.2	591.6
Russian Federation	3166	3160	28.0	72.0	0.1	0.1	514.7	524.0	259.6	536.6
Slovenia	1097	1088	42.1	57.9	0.2	0.6	537.5	533.5	445.4	531.1
Sweden	2291	2273	36.8	63.2	0.4	0.4	508.6	490.4	484.9	462.6
International Avg.	1832	1989	59.5	40.5	22.5	0.8	490.4	476.4	450.9	502.4

Question : Do you have a <country specific> at home?
Location : SQ3-05I (PS2GTH09)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	.	.	.	100.0	0.0	.	.	495.0	.
Iran, Islamic Rep. of	2434	2396	46.1	53.9	0.2	1.2	467.2	454.2	494.2	426.5
Italy	1861	1861	31.9	68.1	0.0	0.0	415.4	425.4	.	.
Lebanon	1595	1551	64.0	36.0	0.7	2.0	452.1	431.5	355.8	419.1
Netherlands	1511	.	.	.	100.0	0.0	.	.	582.5	.
Norway	1640	1618	46.0	54.0	1.0	0.4	540.8	528.9	489.2	595.8
Russian Federation	3166	3160	19.9	80.1	0.1	0.1	509.0	524.5	259.6	536.6
Slovenia	1097	1091	79.0	21.0	0.2	0.4	535.1	536.0	445.4	493.0
Sweden	2291	.	.	.	100.0	0.0	.	.	496.9	.
International Avg.	1832	1946	47.8	52.2	33.6	0.5	486.6	483.4	452.3	494.2

Question : What is the highest level of education completed by your mother?
Location : SQ3-06A (PS2GHLEM)

Country	Sample	Valid N	1.<ISCE						7.BEYON				Omitted
			D LEVEL 1 OR 2> OR NOT GO TO SC %	2.<ISCE D 2> %	3.<ISCE D 3> %	4.<ISCE D 4> %	5.<ISCE D 5B> %	6.<ISCE D 5A, FIRST DEGREE> %	<ISCED 5A, FIRST DEGREE> %	8.I DONT KNOW %	Not Adminis tered %		
Armenia	894	802	0.5	0.3	12.7	24.6	.	53.2	2.8	6.0	8.3	1.4	
Iran, Islamic Rep. of	2434	2413	28.7	19.1	23.9	6.4	10.2	8.3	2.3	1.2	0.2	0.6	
Italy	1861	1861	1.8	21.6	47.8	.	6.3	14.4	5.5	2.7	0.0	0.0	
Lebanon	1595	1576	24.4	14.5	21.3	10.2	.	17.5	8.4	3.7	1.0	0.2	
Netherlands	1511	1478	2.0	15.7	21.5	.	8.0	28.0	17.4	7.4	2.0	0.2	
Norway	1640	1616	1.0	3.4	13.9	.	14.6	32.9	25.7	8.5	1.2	0.3	
Russian Federation	3166	3155	0.1	0.9	3.1	4.8	29.0	57.7	1.5	2.9	0.1	0.3	
Slovenia	1097	1086	0.5	5.2	29.8	10.9	15.3	28.4	6.3	3.5	0.2	0.9	
Sweden	2291	2255	1.0	4.7	17.4	12.9	16.4	17.4	15.7	14.6	0.4	1.1	
International Avg.	1832	1805	6.7	9.5	21.3	11.6	14.3	28.7	9.5	5.6	1.5	0.6	

Question : What is the highest level of education completed by your mother?
Location : SQ3-06A (PS2GHLEM)

Country	Sample	Valid N	1.<ISCE D LEVEL 1 OR 2> OR NOT GO TO SC Mean	2.<ISCE D 2> Mean	3.<ISCE D 3> Mean	4.<ISCE D 4> Mean	5.<ISCE D 5B> Mean	6.<ISCE D 5A, FIRST DEGREE> Mean	7.BEYON D <ISCED 5A, FIRST DEGREE> Mean	8.I DONT KNOW Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	802	402.1	466.2	487.1	500.2	.	487.8	507.8	503.2	534.9	468.2
Iran, Islamic Rep. of	2434	2413	443.3	436.9	455.0	481.1	480.2	540.9	505.0	384.2	494.2	440.8
Italy	1861	1861	399.5	412.4	423.2	.	419.2	431.7	444.4	408.1	.	.
Lebanon	1595	1576	419.8	436.4	441.9	462.6	.	468.5	470.0	429.0	359.6	422.1
Netherlands	1511	1478	580.0	571.4	580.6	.	578.5	593.0	594.1	555.3	561.1	572.7
Norway	1640	1616	422.7	514.6	525.3	.	533.7	539.3	548.8	513.0	469.8	569.0
Russian Federation	3166	3155	529.3	453.5	484.2	484.1	495.1	542.2	580.9	466.4	259.6	479.5
Slovenia	1097	1086	465.2	516.9	524.5	520.1	544.3	549.4	564.3	515.4	445.4	477.7
Sweden	2291	2255	426.3	466.6	497.1	488.5	503.2	516.7	521.0	466.1	484.9	452.8
International Avg.	1832	1805	454.2	475.0	491.0	489.4	507.7	518.8	526.3	471.2	451.2	485.3

Question : What is the highest level of education completed by your father?
Location : SQ3-06B (PS2GHLEF)

Country	Sample	Valid N	1.<ISCE						7.BEYON				Omitted
			D LEVEL 1 OR 2> OR NOT GO TO SC %	2.<ISCE D 2> %	3.<ISCE D 3> %	4.<ISCE D 4> %	5.<ISCE D 5B> %	6.<ISCE D 5A, FIRST DEGREE> %	<ISCED 5A, FIRST DEGREE> %	8.I DONT KNOW %	Not Adminis tered %		
Armenia	894	799	0.5	0.6	14.6	24.8	.	48.3	4.6	6.6	8.3	1.7	
Iran, Islamic Rep. of	2434	2416	16.9	17.4	22.9	5.8	13.2	16.4	6.5	1.0	0.2	0.4	
Italy	1861	1861	2.9	22.8	43.7	.	4.8	15.0	7.7	3.2	0.0	0.0	
Lebanon	1595	1578	25.6	11.0	13.0	15.3	.	14.4	14.3	6.4	0.9	0.2	
Netherlands	1511	1479	1.7	11.2	15.4	.	5.8	24.0	35.0	7.0	2.0	0.1	
Norway	1640	1618	0.4	4.5	15.1	.	8.7	22.5	41.1	7.7	1.1	0.3	
Russian Federation	3166	3120	0.1	1.2	4.2	7.3	27.6	46.7	2.8	10.1	0.1	1.3	
Slovenia	1097	1087	0.8	3.2	27.7	18.3	12.5	26.6	6.6	4.3	0.2	0.8	
Sweden	2291	2259	2.3	8.2	18.8	9.4	11.1	14.1	20.3	15.8	0.4	0.9	
International Avg.	1832	1802	5.7	8.9	19.5	13.5	11.9	25.3	15.4	6.9	1.5	0.6	

Question : What is the highest level of education completed by your father?
Location : SQ3-06B (PS2GHLEF)

Country	Sample	Valid N	1.<ISCE						7.BEYON			
			D LEVEL 1 OR 2> OR NOT GO TO SC Mean	2.<ISCE D 2> Mean	3.<ISCE D 3> Mean	4.<ISCE D 4> Mean	5.<ISCE D 5B> Mean	6.<ISCE D 5A, FIRST DEGREE> Mean	<ISCED 5A, FIRST DEGREE> Mean	8.I DONT KNOW Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	799	433.0	441.7	482.1	490.4	.	494.7	499.7	506.2	534.9	450.5
Iran, Islamic Rep. of	2434	2416	431.9	442.7	452.6	464.4	451.1	492.9	542.0	416.1	494.2	420.1
Italy	1861	1861	424.4	404.0	426.6	.	406.0	429.8	447.0	418.9	.	.
Lebanon	1595	1578	424.5	433.2	444.3	453.8	.	466.0	463.7	426.1	369.9	442.1
Netherlands	1511	1479	569.7	572.0	582.8	.	571.3	582.6	593.2	562.9	561.1	594.8
Norway	1640	1618	386.0	513.4	520.9	.	530.8	536.7	545.4	521.5	484.4	569.0
Russian Federation	3166	3120	524.3	497.5	521.1	484.5	500.2	542.4	594.4	490.9	259.6	529.9
Slovenia	1097	1087	572.7	507.7	530.2	519.7	541.3	548.9	553.8	515.9	445.4	526.6
Sweden	2291	2259	487.1	481.4	490.2	501.5	489.5	517.3	520.0	472.0	484.9	453.9
International Avg.	1832	1802	472.6	477.1	494.5	485.7	498.6	512.4	528.8	481.2	454.3	498.4

Question : Was your mother born in <country>?
 Location : SQ3-07A (PS2GMBRN)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	808	93.2	6.8	8.3	1.0	490.1	512.4	534.9	462.3
Iran, Islamic Rep. of	2434	2426	98.5	1.5	0.2	0.0	459.7	466.1	494.2	335.2
Italy	1861	1861	95.9	4.1	0.0	0.0	421.4	440.5	.	.
Lebanon	1595	1578	94.2	5.8	0.7	0.5	443.4	460.0	359.6	390.6
Netherlands	1511	1458	88.9	11.1	2.9	0.6	584.2	574.0	567.8	560.4
Norway	1640	1616	88.0	12.0	1.0	0.5	539.1	502.1	489.2	511.1
Russian Federation	3166	3163	90.0	10.0	0.1	0.0	521.2	523.9	259.6	477.1
Slovenia	1097	1090	92.4	7.6	0.2	0.4	538.0	502.7	445.4	495.1
Sweden	2291	2279	82.2	17.8	0.4	0.1	505.9	455.9	484.9	477.5
International Avg.	1832	1809	91.5	8.5	1.5	0.4	500.3	493.1	454.5	463.7

Question : Was your father born in <country>?
Location : SQ3-07B (PS2GFB RN)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	804	94.0	6.0	8.3	1.6	489.9	517.9	534.9	480.0
Iran, Islamic Rep. of	2434	2422	98.5	1.5	0.2	0.2	459.9	463.9	494.2	386.6
Italy	1861	1861	96.2	3.8	0.0	0.0	422.3	418.5	.	.
Lebanon	1595	1579	97.2	2.8	0.7	0.4	444.5	440.6	359.6	368.2
Netherlands	1511	1420	91.2	8.8	5.2	0.7	584.7	566.5	573.4	563.1
Norway	1640	1616	89.3	10.7	1.0	0.5	538.7	502.5	489.2	490.4
Russian Federation	3166	3129	89.6	10.4	0.1	1.0	520.8	527.7	259.6	517.7
Slovenia	1097	1090	91.5	8.5	0.2	0.5	537.9	507.6	445.4	495.0
Sweden	2291	2276	81.8	18.2	0.4	0.3	507.7	449.2	484.9	473.6
International Avg.	1832	1800	92.1	7.9	1.8	0.6	500.7	488.3	455.2	471.8

Question : Were you born in <country>?
 Location : SQ3-08A (PS2GBORN)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	806	96.7	3.3	8.3	1.4	492.7	473.1	534.9	446.6
Iran, Islamic Rep. of	2434	2422	99.8	0.2	0.2	0.2	459.9	540.2	494.2	308.5
Italy	1861	1861	97.6	2.4	0.0	0.0	422.5	409.1	.	.
Lebanon	1595	1583	90.5	9.5	0.7	0.1	444.1	446.4	359.6	224.6
Netherlands	1511	1472	94.7	5.3	2.0	0.6	583.5	575.9	561.1	560.4
Norway	1640	1618	93.5	6.5	1.0	0.4	537.0	502.4	489.2	490.9
Russian Federation	3166	3164	94.6	5.4	0.1	0.0	521.8	514.6	259.6	.
Slovenia	1097	1091	97.8	2.2	0.2	0.4	535.5	524.7	445.4	514.1
Sweden	2291	2279	90.5	9.5	0.4	0.1	502.2	447.7	484.9	496.3
International Avg.	1832	1811	95.1	4.9	1.4	0.3	499.9	492.7	453.6	434.5

Question : If you were not born in <country>, how old were you when you came to <country>?
Location : SQ3-08B (PS2GBRNC)

Country	Sample	Valid N	1.OLDER	2.5	3.YOUNG	Not Adminis	Not Applica	Omitted	1.OLDER	2.5	3.YOUNG	Not Adminis	Not Applica	Omitted
			THAN 10 YEARS OLD %	TO 10 YEARS OLD %	THAN 5 YEARS OLD %				THAN 10 YEARS OLD Mean	TO 10 YEARS OLD Mean	THAN 5 YEARS OLD Mean			
Armenia	894	806	1.5	0.4	1.4	8.3	96.7	1.4	483.0	403.1	482.0	534.9	492.7	446.6
Iran, Islamic Rep. of	2434	2421	0.1	.	0.1	0.2	99.8	0.2	502.7	.	554.0	494.2	459.9	334.8
Italy	1861	1861	0.8	0.5	1.2	0.0	97.6	0.0	416.5	392.9	411.0	.	422.5	.
Lebanon	1595	1582	1.4	2.5	5.5	0.7	90.6	0.1	423.9	448.7	451.8	359.6	444.1	276.4
Netherlands	1511	1469	1.0	1.5	2.7	2.0	94.9	0.8	578.8	553.3	586.1	561.1	583.5	568.6
Norway	1640	1617	2.3	1.5	2.6	1.0	93.6	0.5	504.8	463.0	523.2	489.2	537.0	489.2
Russian Federation	3166	3160	0.9	1.2	3.1	0.1	94.7	0.1	512.5	500.7	524.4	259.6	521.8	412.4
Slovenia	1097	1087	0.6	0.4	1.0	0.2	98.1	0.7	495.1	558.2	534.8	445.4	535.5	512.9
Sweden	2291	2278	2.8	1.7	5.0	0.4	90.5	0.1	402.5	462.5	467.7	484.9	502.2	498.0
International Avg.	1832	1809	1.3	1.2	2.5	1.4	95.1	0.4	480.0	472.8	503.9	453.6	499.9	442.4

Question : After <secondary school>, do you intend to continue your education?
Location : SQ3-09 (PS2GITCE)

Country	Sample	Valid N	1.YES %	2.YES, BUT NOT IMMEDIA	3.NO %	Not Adminis tered %	Omitted %	1.YES Mean	2.YES, BUT NOT IMMEDIA	3.NO Mean	Not Adminis tered Mean	Omitted Mean
				TELY %					TELY Mean			
Armenia	894	795	84.9	8.7	6.4	8.3	2.3	494.2	472.3	487.0	534.9	472.2
Iran, Islamic Rep. of	2434	2411	98.5	1.2	0.2	0.2	0.6	461.3	331.5	463.3	494.2	470.3
Italy	1861	1861	91.2	5.1	3.7	0.0	0.0	428.4	370.5	340.5	.	.
Lebanon	1595	1563	96.2	3.3	0.5	0.8	1.3	447.2	381.2	406.0	358.0	401.2
Netherlands	1511	1478	94.3	5.4	0.3	2.0	0.2	583.9	571.1	530.4	561.1	541.5
Norway	1640	1608	74.9	25.1	.	1.0	1.0	537.4	526.8	.	489.2	519.6
Russian Federation	3166	3157	99.3	0.7	0.1	0.1	0.2	522.2	416.1	446.4	259.6	499.1
Slovenia	1097	1080	99.2	0.8	.	0.2	1.3	535.7	506.8	.	445.4	509.8
Sweden	2291	2264	41.8	57.4	0.9	0.4	0.8	504.9	492.8	422.2	484.9	464.3
International Avg.	1832	1802	86.7	12.0	1.7	1.4	0.9	501.7	452.1	442.3	453.4	484.7

Question : If you plan to continue your education, which of the following comes closest to the area you intend to study most?
Location : SQ3-10 (PS2GIAOS)

Question : If you plan to continue your education, which of the following comes closest to the area you intend to study most?
Location : SQ3-10 (PS2GIAOS)

Question : How much time each day, on average, do you spend using a computer?
 Location : SQ3-11A (PS2GTUSC)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis- tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	654	23.6	30.0	30.8	8.7	6.9	8.3	17.2	505.1	485.5	491.8	489.7	497.1	534.9	483.2
Iran, Islamic Rep. of	2434	2284	27.2	39.3	23.7	7.2	2.6	0.2	5.4	449.4	472.8	454.8	458.0	433.4	494.2	454.9
Italy	1861	1861	2.2	28.2	36.7	22.8	10.1	0.0	0.0	384.7	417.5	426.0	424.6	424.5	.	.
Lebanon	1595	1518	3.6	24.2	40.5	22.8	9.0	0.6	4.4	431.5	443.4	446.0	455.7	425.8	356.3	419.6
Netherlands	1511	1473	0.1	15.0	39.7	28.7	16.5	2.0	0.5	515.8	581.8	584.6	581.8	582.3	561.1	569.5
Norway	1640	1601	0.1	20.0	37.3	27.8	14.9	1.0	1.4	592.0	531.5	535.3	534.9	539.5	489.2	500.0
Russian Federation	3166	3103	3.5	26.3	40.4	18.6	11.2	0.1	2.3	478.2	524.7	521.2	531.4	522.6	259.6	468.2
Slovenia	1097	1076	0.8	22.2	40.2	25.4	11.4	0.2	1.7	509.6	547.1	530.0	535.3	539.2	445.4	485.6
Sweden	2291	2271	0.4	16.1	31.9	30.2	21.5	0.4	0.4	487.9	501.4	503.0	495.7	486.9	484.9	492.8
International Avg.	1832	1760	6.8	24.6	35.7	21.3	11.6	1.4	3.7	483.8	500.6	499.2	500.8	494.6	453.2	484.2

Question : Do you use a computer at home?
Location : SQ3-11BA (PS2GCHOM)

Country	Sample	Valid N	1.A LOT %	2.SOMET IMES %	3.NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.A Mean	2.SOMET Mean	3.NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	583	50.2	15.9	7.8	8.3	26.1	24.5	487.1	507.6	475.2	534.9	505.1	483.7
Iran, Islamic Rep. of	2434	2303	32.2	39.1	1.7	0.2	27.0	4.6	481.5	453.1	454.4	494.2	449.4	429.1
Italy	1861	1860	79.8	17.8	0.2	0.1	2.2	0.0	423.6	421.3	327.8	538.8	384.7	.
Lebanon	1595	1510	67.1	26.6	2.8	0.6	3.6	4.9	450.7	436.6	424.7	356.3	431.5	415.7
Netherlands	1511	1470	90.4	9.5	.	2.0	0.1	0.7	583.3	581.5	.	561.1	515.8	558.7
Norway	1640	1606	85.3	14.5	0.2	1.0	0.1	1.1	537.5	523.5	340.9	489.2	592.0	482.7
Russian Federation	3166	3066	83.3	10.5	2.6	0.1	3.5	3.4	529.0	503.2	491.0	259.6	478.2	462.1
Slovenia	1097	1088	93.8	5.2	0.1	0.2	0.8	0.6	535.7	537.8	389.6	445.4	509.6	490.4
Sweden	2291	2274	84.7	14.8	0.2	0.4	0.4	0.3	496.7	500.4	381.7	484.9	487.9	493.9
International Avg.	1832	1751	74.1	17.1	1.9	1.4	7.1	4.5	502.8	496.1	410.7	462.7	483.8	477.0

Question : Do you use a computer at school?
 Location : SQ3-11BB (PS2GCSCCH)

Country	Sample	Valid N	1.A LOT %	2.SOMET IMES %	3.NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.A Mean	2.SOMET Mean	3.NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	596	14.9	46.0	13.0	8.3	26.1	24.5	482.7	494.2	467.0	534.9	505.1	490.2
Iran, Islamic Rep. of	2434	1997	0.5	12.6	55.8	0.2	31.1	17.3	533.0	518.0	458.1	494.2	449.4	443.1
Italy	1861	1861	1.5	70.7	25.6	0.0	2.2	0.0	430.9	421.3	427.4	.	384.7	.
Lebanon	1595	1385	1.7	48.2	46.2	0.8	3.9	13.1	465.7	460.0	435.9	369.6	431.5	419.7
Netherlands	1511	1460	6.1	89.6	4.2	2.0	0.1	1.3	585.7	583.1	581.0	561.1	515.8	565.1
Norway	1640	1585	18.6	76.6	4.7	1.1	0.1	2.3	532.3	537.8	516.0	491.2	592.0	484.7
Russian Federation	3166	2973	7.5	81.2	7.6	0.1	3.6	6.1	532.6	526.1	511.2	259.6	478.2	486.8
Slovenia	1097	1042	3.9	69.7	25.5	0.2	0.9	4.8	514.8	540.5	531.4	445.4	509.6	499.7
Sweden	2291	2255	12.4	82.5	4.8	0.4	0.4	1.2	489.8	498.6	499.6	484.9	487.9	454.4
International Avg.	1832	1684	7.4	64.1	20.8	1.5	7.6	7.8	507.5	508.9	491.9	455.1	483.8	480.4

Question : Do you use a computer elsewhere?
 Location : SQ3-11BC (PS2GCELS)

Country	Sample	Valid N	1.A LOT %	2.SOMET IMES %	3.NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.A Mean	2.SOMET Mean	3.NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	559	15.9	42.1	14.3	8.3	27.7	28.3	503.3	476.1	492.2	534.9	505.1	492.6
Iran, Islamic Rep. of	2434	2049	1.6	35.3	32.7	0.2	30.4	15.4	462.5	463.8	473.9	494.2	449.4	443.8
Italy	1861	1861	1.4	33.1	63.3	0.0	2.2	0.0	438.6	419.9	424.3	.	384.7	.
Lebanon	1595	1428	14.9	64.5	16.8	0.7	3.8	10.3	438.0	449.0	450.8	359.6	431.5	419.4
Netherlands	1511	1409	0.5	33.1	66.4	2.0	0.1	4.6	585.1	576.7	586.1	561.1	515.8	582.4
Norway	1640	1563	1.9	53.4	44.6	1.1	0.1	3.6	555.8	531.6	540.0	479.1	592.0	506.2
Russian Federation	3166	2914	3.7	50.8	41.7	0.1	3.7	8.1	487.6	523.5	533.9	259.6	478.2	483.4
Slovenia	1097	1038	2.2	53.4	43.6	0.2	0.9	5.2	530.9	532.7	543.7	445.4	509.6	496.4
Sweden	2291	2212	1.2	46.3	52.1	0.4	0.4	3.1	497.4	494.7	501.9	484.9	487.9	450.7
International Avg.	1832	1670	4.8	45.8	41.7	1.4	7.7	8.7	499.9	496.4	505.2	452.4	483.8	484.4

Question : When you use a computer for your schoolwork, do you use it to research information from the Internet?
Location : SQ3-11CA (PS2GCSRI)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Not Applica ble %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	698	58.8	19.0	8.3	22.2	12.5	487.6	490.9	534.9	505.1	486.4
Iran, Islamic Rep. of	2434	2312	59.0	14.1	0.2	26.9	4.4	472.0	439.4	494.2	449.4	427.8
Italy	1861	1861	95.8	2.1	0.0	2.2	0.0	422.9	432.0	.	384.7	.
Lebanon	1595	1540	85.4	11.1	0.7	3.5	3.1	447.6	436.1	359.6	431.5	394.6
Netherlands	1511	1472	99.4	0.5	2.0	0.1	0.6	583.1	567.6	561.1	515.8	573.0
Norway	1640	1607	99.3	0.6	1.0	0.1	1.1	535.1	514.8	489.2	592.0	496.8
Russian Federation	3166	3132	82.8	13.8	0.1	3.5	1.1	531.0	480.6	259.6	478.2	455.1
Slovenia	1097	1089	98.5	0.7	0.2	0.8	0.5	536.0	500.7	445.4	509.6	465.6
Sweden	2291	2277	99.2	0.4	0.4	0.4	0.2	497.1	487.1	484.9	487.9	472.1
International Avg.	1832	1776	86.5	6.9	1.4	6.6	2.6	501.4	483.3	453.6	483.8	471.4

Question : When you use a computer for your schoolwork, do you use it for word processing?
Location : SQ3-11CB (PS2GCSWP)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Not Applica ble %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	690	49.8	27.7	8.3	22.5	13.7	483.4	495.1	534.9	505.1	490.2
Iran, Islamic Rep. of	2434	2255	27.5	45.0	0.2	27.5	6.5	493.3	451.1	494.2	449.4	424.5
Italy	1861	1861	36.3	61.5	0.0	2.2	0.0	435.4	415.7	.	384.7	.
Lebanon	1595	1503	40.4	56.0	0.7	3.6	5.6	455.0	441.0	359.6	431.5	407.4
Netherlands	1511	1472	97.4	2.5	2.0	0.1	0.6	582.7	597.1	561.1	515.8	573.0
Norway	1640	1606	96.2	3.7	1.0	0.1	1.1	537.0	484.2	489.2	592.0	492.0
Russian Federation	3166	3116	85.7	10.8	0.1	3.5	1.7	528.2	492.1	259.6	478.2	458.9
Slovenia	1097	1090	96.4	2.7	0.2	0.8	0.4	536.2	519.0	445.4	509.6	457.1
Sweden	2291	2277	94.9	4.7	0.4	0.4	0.2	499.8	441.7	484.9	487.9	477.9
International Avg.	1832	1763	69.4	23.9	1.4	6.7	3.3	505.7	481.9	453.6	483.8	472.6

Question : When you use a computer for your schoolwork, do you use it to analyze and present data?
Location : SQ3-11CC (PS2GCSAD)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Not Applica ble %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	651	23.8	52.4	8.3	23.7	17.7	483.8	491.6	534.9	505.1	484.8
Iran, Islamic Rep. of	2434	2267	18.0	54.7	0.2	27.4	5.9	486.9	459.5	494.2	449.4	430.5
Italy	1861	1859	51.9	45.9	0.1	2.2	0.0	431.9	413.0	473.8	384.7	.
Lebanon	1595	1502	38.7	57.7	0.7	3.6	5.5	460.5	438.1	359.6	431.5	403.0
Netherlands	1511	1472	67.8	32.2	2.0	0.1	0.6	586.5	575.7	561.1	515.8	573.0
Norway	1640	1601	57.4	42.6	1.0	0.1	1.4	541.6	526.1	489.2	592.0	504.4
Russian Federation	3166	3110	42.5	54.0	0.1	3.5	2.0	539.1	512.2	259.6	478.2	471.8
Slovenia	1097	1084	77.2	21.9	0.2	0.8	1.0	535.5	536.8	445.4	509.6	494.1
Sweden	2291	2269	51.0	48.6	0.4	0.4	0.4	503.3	490.5	484.9	487.9	492.9
International Avg.	1832	1757	47.6	45.6	1.4	6.9	3.8	507.7	493.7	455.9	483.8	481.8

Question : When you use a computer for your schoolwork, do you use it for using specialized programs?
Location : SQ3-11CD (PS2GCSSP)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Not Applica ble %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	653	27.1	49.3	8.3	23.6	17.2	489.4	490.6	534.9	505.1	481.2
Iran, Islamic Rep. of	2434	2258	11.3	61.2	0.2	27.5	6.4	494.7	459.6	494.2	449.4	445.2
Italy	1861	1860	25.0	72.8	0.0	2.2	0.0	445.6	415.3	388.4	384.7	.
Lebanon	1595	1496	33.2	63.1	0.7	3.6	6.0	447.6	446.2	359.6	431.5	413.5
Netherlands	1511	1471	33.4	66.5	2.0	0.1	0.7	584.8	582.2	561.1	515.8	570.3
Norway	1640	1602	18.7	81.3	1.0	0.1	1.3	555.1	530.4	489.2	592.0	497.3
Russian Federation	3166	3106	32.0	64.5	0.1	3.5	2.1	547.4	512.8	259.6	478.2	463.0
Slovenia	1097	1077	39.9	59.2	0.2	0.8	1.6	530.9	539.9	445.4	509.6	480.7
Sweden	2291	2268	17.3	82.3	0.4	0.4	0.5	493.1	497.8	484.9	487.9	505.7
International Avg.	1832	1755	26.4	66.7	1.4	6.9	4.0	509.9	497.2	446.4	483.8	482.1

Question : When you use a computer for your schoolwork, do you use it for other reasons?
Location : SQ3-11CE (PS2GCSOT)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis tered %	Not Applica ble %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	594	24.1	49.7	8.3	26.2	24.6	478.3	494.5	534.9	505.1	485.8
Iran, Islamic Rep. of	2434	2258	49.5	22.9	0.2	27.6	6.6	459.4	476.0	494.2	449.4	450.6
Italy	1861	1861	69.0	28.8	0.0	2.2	0.0	419.6	431.2	.	384.7	.
Lebanon	1595	1442	68.4	27.9	0.7	3.8	9.1	449.1	443.1	359.6	431.5	417.7
Netherlands	1511	1334	23.2	76.8	2.0	0.1	9.7	582.3	585.5	561.1	515.8	566.7
Norway	1640	1573	69.5	30.5	1.0	0.1	3.2	531.3	543.9	489.2	592.0	517.3
Russian Federation	3166	3116	61.6	34.9	0.1	3.5	1.7	526.5	519.0	259.6	478.2	476.3
Slovenia	1097	873	41.8	57.2	0.2	1.0	20.3	538.9	536.7	445.4	509.6	526.5
Sweden	2291	2168	67.3	32.3	0.4	0.4	5.0	490.9	512.0	484.9	487.9	483.7
International Avg.	1832	1691	52.7	40.1	1.4	7.2	8.9	497.4	504.7	453.6	483.8	490.6

Question : On a normal school day, how much time, on average, do you spend before or after school doing schoolwork?
Location : SQ3-12A (PS2GSTSW)

Country	Sample	Valid N	1.NO	2.LESS	3.1-2	4.MORE THAN 2 BUT LESS THAN 4	5.4	Not	Omitted	1.NO	2.LESS	3.1-2	4.MORE THAN 2 BUT LESS THAN 4	5.4	Not	Omitted
			TIME	THAN 1	HOURS	HOURS	OR	Adminis		TIME	THAN 1	HOURS	HOURS	OR	Adminis	
			%	%	%	%	%	tered	%	Mean	Mean	Mean	Mean	Mean	tered	Mean
Armenia	894	723	15.8	24.3	31.5	13.9	14.6	8.3	9.7	485.3	485.9	504.7	486.5	485.1	534.9	488.3
Iran, Islamic Rep. of	2434	2397	1.7	7.3	16.9	26.9	47.2	0.2	1.2	434.0	447.0	421.7	442.2	486.7	494.2	445.2
Italy	1861	1861	2.6	12.7	34.2	36.2	14.3	0.0	0.0	442.1	404.9	417.0	427.8	432.2	.	.
Lebanon	1595	1549	4.9	16.3	34.0	29.7	15.0	0.8	2.0	415.4	427.4	448.0	448.9	460.7	343.3	399.6
Netherlands	1511	1475	10.4	46.7	33.9	8.2	0.8	2.0	0.4	593.3	584.6	580.9	572.2	553.2	561.1	564.7
Norway	1640	1607	5.9	43.4	35.3	12.8	2.6	1.2	0.9	542.4	539.2	529.3	534.7	527.1	500.7	481.8
Russian Federation	3166	3159	1.8	12.7	45.3	31.1	9.0	0.1	0.2	486.8	506.3	511.8	535.6	549.3	259.6	501.5
Slovenia	1097	1088	6.7	40.4	34.9	14.3	3.7	0.2	0.7	528.5	531.8	532.6	550.0	551.9	445.4	528.4
Sweden	2291	2274	8.0	48.5	32.5	9.7	1.4	0.4	0.4	496.5	499.8	493.6	504.2	465.3	484.9	387.1
International Avg.	1832	1793	6.4	28.0	33.2	20.3	12.1	1.5	1.7	491.6	491.9	493.3	500.2	501.3	453.0	474.6

Question : On a normal school day, how much time, on average, do you spend before or after school taking part in organized activities?
 Location : SQ3-12B (PS2GSTAC)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis- tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	693	41.9	23.1	20.9	9.0	5.1	8.3	13.0	491.4	496.4	481.5	487.3	511.2	534.9	492.7
Iran, Islamic Rep. of	2434	2364	35.0	33.0	23.5	6.4	2.0	0.2	2.6	469.5	468.9	443.3	448.5	387.7	494.2	446.8
Italy	1861	1861	23.0	16.9	40.7	16.0	3.4	0.0	0.0	412.3	419.2	431.7	416.9	415.5	.	.
Lebanon	1595	1527	26.9	28.2	32.2	9.5	3.3	0.7	3.5	457.2	439.9	443.4	441.3	442.4	355.2	394.9
Netherlands	1511	1472	9.6	25.5	44.2	15.6	5.1	2.0	0.6	587.1	587.3	584.6	572.7	571.9	561.1	570.5
Norway	1640	1607	18.0	24.1	41.6	13.5	2.7	1.1	0.9	541.9	544.1	532.4	526.3	496.8	488.4	479.8
Russian Federation	3166	3146	17.6	23.1	35.7	18.7	4.9	0.1	0.6	524.2	527.3	525.1	510.4	496.4	259.6	543.3
Slovenia	1097	.	.	.	.	.	.	100.0	0.0	.	.	.	.	.	535.0	.
Sweden	2291	2270	30.9	20.0	33.3	11.8	4.0	0.4	0.5	499.3	513.6	494.9	478.6	474.1	484.9	452.7
International Avg.	1832	1868	25.4	24.3	34.0	12.6	3.8	12.5	2.4	497.9	499.6	492.1	485.2	474.5	464.2	482.9

Question : On a normal school day, how much time, on average, do you spend before or after school using the computer for things other than schoolwork?
Location : SQ3-12C (PS2GSTUC)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis- tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	684	31.1	27.5	25.9	9.9	5.5	8.3	13.9	493.7	493.5	480.5	504.5	484.6	534.9	494.6
Iran, Islamic Rep. of	2434	2346	32.9	37.2	21.9	5.8	2.2	0.2	3.2	456.1	472.3	448.6	466.5	436.5	494.2	433.7
Italy	1861	1861	5.4	34.5	37.3	15.5	7.2	0.0	0.0	414.3	422.9	424.4	424.3	408.8	.	.
Lebanon	1595	1517	12.1	33.3	34.1	15.1	5.5	0.8	3.9	438.4	447.9	446.3	458.6	414.0	361.5	401.2
Netherlands	1511	1473	1.0	21.9	42.0	24.0	11.1	2.0	0.5	583.4	584.4	582.0	584.2	581.1	561.1	573.2
Norway	1640	1602	1.0	28.6	41.2	20.1	9.1	1.3	1.1	532.9	540.0	527.9	540.2	540.1	505.4	488.9
Russian Federation	3166	3143	8.2	26.1	34.5	19.7	11.6	0.1	0.7	489.1	530.4	520.2	530.3	515.6	259.6	472.7
Slovenia	1097	1090	3.4	26.4	41.5	20.4	8.3	0.2	0.4	535.6	541.7	533.4	538.9	517.5	445.4	459.9
Sweden	2291	2268	2.5	23.7	33.9	22.8	17.0	0.4	0.6	500.4	503.8	503.6	489.8	485.3	484.9	447.4
International Avg.	1832	1776	10.8	28.8	34.7	17.0	8.6	1.5	2.7	493.8	504.1	496.3	504.1	487.1	455.9	471.5

Question : On a normal school day, how much time, on average, do you spend before or after school with friends?
Location : SQ3-12D (PS2GSTFR)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	707	5.2	21.2	31.8	20.3	21.6	8.3	11.7	505.8	501.3	477.1	500.7	488.0	534.9	494.8
Iran, Islamic Rep. of	2434	2372	21.3	43.0	22.6	8.6	4.5	0.2	2.2	468.5	470.3	446.6	428.6	444.8	494.2	458.4
Italy	1861	1861	5.7	21.1	39.1	23.7	10.4	0.0	0.0	428.4	446.0	425.5	408.2	390.0	.	.
Lebanon	1595	1510	11.5	26.8	31.1	18.2	12.4	0.8	4.5	454.7	446.9	448.1	441.0	433.2	384.5	414.4
Netherlands	1511	1463	10.3	43.2	33.4	9.6	3.5	2.0	1.2	594.2	590.2	576.3	572.5	552.3	561.1	580.9
Norway	1640	1596	4.4	27.5	41.1	20.7	6.4	1.3	1.4	547.9	547.8	538.4	522.7	486.4	497.0	520.5
Russian Federation	3166	3141	1.4	11.4	28.8	29.0	29.4	0.1	0.6	558.5	563.7	546.4	524.7	476.5	259.6	477.6
Slovenia	1097	1091	2.7	24.9	43.8	19.7	9.0	0.2	0.3	546.0	559.2	536.9	511.0	512.9	445.4	456.6
Sweden	2291	2266	5.5	28.1	38.1	19.1	9.2	0.4	0.8	506.2	519.8	500.5	466.7	473.6	484.9	451.4
International Avg.	1832	1779	7.6	27.5	34.4	18.8	11.8	1.5	2.5	512.3	516.1	499.5	486.2	473.1	457.7	481.8

Question : On a normal school day, how much time, on average, do you spend before or after school working at a paid job?
Location : SQ3-12E (PS2GSTPJ)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	660	92.4	3.1	1.2	1.0	2.4	8.3	16.7	493.2	503.3	543.7	493.9	492.5	534.9	479.1
Iran, Islamic Rep. of	2434	2272	95.1	1.4	1.1	1.1	1.3	0.2	6.1	463.8	443.2	434.1	347.5	389.1	494.2	443.0
Italy	1861	1861	80.1	8.4	5.3	2.8	3.3	0.0	0.0	425.2	428.0	391.2	413.9	392.5	.	.
Lebanon	1595	1473	67.6	16.0	9.6	2.5	4.2	0.8	6.7	454.8	433.6	424.5	409.5	419.5	366.9	420.5
Netherlands	1511	1469	44.0	17.6	20.4	9.8	8.1	2.0	0.8	587.1	587.1	585.2	577.8	553.6	561.1	563.5
Norway	1640	1599	48.4	12.3	16.6	11.6	11.1	1.1	1.5	541.8	557.5	534.5	525.0	493.1	501.0	488.1
Russian Federation	3166	3090	89.5	4.8	2.5	1.4	1.7	0.1	2.4	524.6	494.7	535.2	483.7	476.6	259.6	498.7
Slovenia	1097	1088	67.3	13.6	9.8	4.5	4.8	0.2	0.6	543.9	534.8	519.6	504.5	481.2	445.4	474.4
Sweden	2291	2256	68.4	11.6	8.5	5.7	5.8	0.4	1.2	507.1	508.7	488.8	453.2	423.9	484.9	428.7
International Avg.	1832	1752	72.5	9.9	8.3	4.5	4.8	1.5	4.0	504.6	499.0	495.2	467.7	458.0	456.0	474.5

Question : On a normal school day, how much time, on average, do you spend before or after watching movies or television?
Location : SQ3-12F (PS2GSTTV)

Country	Sample	Valid N	1.NO TIME %	2.LESS THAN 1 HOUR %	3.1-2 HOURS %	4.MORE THAN 2 BUT LESS THAN 4 HOURS %	5.4 OR MORE HOURS %	Not Adminis tered %	Omitted %	1.NO TIME Mean	2.LESS THAN 1 HOUR Mean	3.1-2 HOURS Mean	4.MORE THAN 2 BUT LESS THAN 4 HOURS Mean	5.4 OR MORE HOURS Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	706	7.1	31.9	34.6	14.3	12.1	8.3	11.2	492.1	485.0	498.7	492.4	481.3	534.9	494.8
Iran, Islamic Rep. of	2434	2389	6.7	31.3	41.1	16.8	4.2	0.2	1.5	442.7	464.5	467.0	447.0	435.7	494.2	452.2
Italy	1861	1861	8.1	37.8	40.3	10.9	2.8	0.0	0.0	416.5	431.1	426.3	387.6	394.0	.	.
Lebanon	1595	1537	8.1	31.0	38.5	17.1	5.2	0.8	2.8	443.8	444.9	446.9	440.6	454.1	376.1	400.8
Netherlands	1511	1475	7.1	35.9	42.6	12.5	2.0	2.0	0.4	586.8	586.1	582.1	578.1	565.2	561.1	562.3
Norway	1640	1608	10.2	36.5	39.8	11.3	2.2	1.1	1.0	537.5	542.4	537.2	511.2	489.7	488.1	479.0
Russian Federation	3166	3158	9.5	35.6	39.1	12.2	3.6	0.1	0.2	561.4	532.3	514.2	496.2	474.0	259.6	502.0
Slovenia	1097	1088	8.4	42.0	38.8	9.2	1.7	0.2	0.7	533.3	540.2	533.3	531.4	505.0	445.4	477.4
Sweden	2291	2274	6.1	38.0	40.0	12.0	3.9	0.4	0.3	514.1	508.7	493.3	476.4	462.0	484.9	423.2
International Avg.	1832	1788	7.9	35.5	39.4	12.9	4.2	1.4	2.0	503.1	503.9	499.9	484.5	473.4	455.5	474.0

Question : Are you studying physics because you enjoy conducting experiments or investigations for physics?
 Location : SQP3-13A (PS2PWSEC)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	751	18.3	60.0	14.3	7.4	8.3	6.8	501.2	495.9	480.9	466.0	534.9	477.0
Iran, Islamic Rep. of	2434	2388	29.4	37.1	22.1	11.4	0.4	1.4	486.2	455.8	449.3	429.8	498.1	415.6
Italy	1861	1861	13.5	44.2	29.9	12.4	0.0	0.0	448.5	438.4	406.7	373.3	.	.
Lebanon	1595	1564	35.7	51.3	10.6	2.4	0.7	1.3	451.8	442.6	440.7	424.0	377.8	348.9
Netherlands	1511	1471	9.2	47.8	35.9	7.0	2.0	0.6	597.4	584.6	579.7	571.6	561.1	554.7
Norway	1640	1610	9.2	45.5	37.3	8.1	1.0	0.9	530.1	536.6	540.2	506.8	489.2	490.3
Russian Federation	3166	3148	9.7	51.2	31.3	7.7	0.1	0.5	565.9	525.6	513.9	467.6	259.6	540.1
Slovenia	1097	1090	14.4	52.3	27.6	5.7	0.2	0.5	540.5	531.8	538.1	541.8	445.4	489.1
Sweden	2291	2260	5.0	41.8	38.1	15.1	0.4	1.0	534.7	503.8	498.1	463.4	484.9	486.5
International Avg.	1832	1794	16.1	47.9	27.5	8.6	1.5	1.4	517.4	501.7	494.2	471.6	456.4	475.3

Question : Are you studying physics because you usually do well in physics?
Location : SQP3-13B (PS2PWSWP)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	711	15.8	48.7	26.6	9.0	8.3	11.2	493.7	505.9	484.1	450.7	534.9	477.8
Iran, Islamic Rep. of	2434	2387	21.9	53.4	20.1	4.7	0.4	1.4	490.9	466.7	424.9	405.7	498.1	386.8
Italy	1861	1861	9.9	41.6	35.4	13.1	0.0	0.0	442.9	437.3	411.5	387.5	.	.
Lebanon	1595	1558	29.7	52.3	15.7	2.4	0.7	1.5	465.2	439.7	425.7	436.6	377.8	379.3
Netherlands	1511	1473	13.8	62.2	20.6	3.4	2.0	0.5	606.7	588.4	556.6	550.6	561.1	546.0
Norway	1640	1608	17.1	53.5	23.9	5.4	1.1	0.8	575.4	545.4	497.0	471.5	494.4	481.5
Russian Federation	3166	3145	9.3	53.1	32.8	4.8	0.1	0.6	581.4	536.8	491.1	447.3	259.6	476.8
Slovenia	1097	1090	26.4	57.5	14.2	1.9	0.2	0.5	574.9	525.3	507.7	500.6	445.4	478.3
Sweden	2291	2270	11.2	47.4	29.8	11.7	0.4	0.7	551.0	512.6	472.9	445.5	484.9	461.0
International Avg.	1832	1789	17.2	52.2	24.3	6.2	1.5	1.9	531.4	506.5	474.6	455.1	457.0	460.9

Question : Are you studying physics because physics lessons are interesting?
Location : SQP3-13C (PS2PWSPI)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	723	31.2	53.0	11.4	4.4	8.3	9.9	503.4	491.6	470.1	491.5	534.9	479.3
Iran, Islamic Rep. of	2434	2300	38.8	41.9	14.4	4.9	0.4	4.8	488.1	450.7	427.0	414.4	498.1	453.9
Italy	1861	1861	16.1	54.5	21.0	8.5	0.0	0.0	454.4	432.4	388.9	378.4	.	.
Lebanon	1595	1536	51.0	39.5	7.8	1.7	1.0	2.9	460.5	435.1	407.9	415.8	389.5	391.4
Netherlands	1511	1460	17.4	56.3	21.4	4.9	2.0	1.3	610.3	583.9	566.1	552.2	561.1	565.4
Norway	1640	1609	28.1	51.8	16.0	4.1	1.1	0.9	562.2	534.7	503.2	477.8	488.7	478.8
Russian Federation	3166	3147	20.5	53.5	21.1	4.9	0.1	0.6	556.0	524.8	495.2	455.5	259.6	501.3
Slovenia	1097	1090	25.8	54.2	16.5	3.5	0.2	0.5	559.7	528.6	525.2	506.1	445.4	503.1
Sweden	2291	2252	16.5	48.8	25.1	9.5	0.4	1.5	533.6	504.2	479.1	448.0	484.9	470.5
International Avg.	1832	1775	27.3	50.4	17.2	5.2	1.5	2.5	525.4	498.5	473.6	460.0	457.8	480.5

Question : Are you studying physics because studying or doing physics homework does not take you a lot of time?
Location : SQP3-13D (PS2PWSLT)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	700	13.1	42.4	30.9	13.6	8.3	12.4	493.6	498.7	497.5	459.6	534.9	484.9
Iran, Islamic Rep. of	2434	2362	8.5	26.1	41.2	24.2	0.4	2.3	428.3	415.5	473.7	496.3	498.1	443.1
Italy	1861	1861	7.9	29.4	43.8	19.0	0.0	0.0	430.4	413.1	426.2	423.6	.	.
Lebanon	1595	1549	14.0	39.0	35.4	11.6	0.6	2.1	446.7	442.3	445.3	451.7	356.3	399.5
Netherlands	1511	1471	12.9	34.1	45.0	8.0	2.0	0.6	604.8	586.9	576.7	568.3	561.1	553.6
Norway	1640	1609	5.2	21.7	54.9	18.2	1.0	0.9	571.4	545.2	534.5	515.3	489.2	462.3
Russian Federation	3166	3142	6.7	37.5	44.4	11.4	0.1	0.8	530.4	515.7	526.6	519.0	259.6	463.0
Slovenia	1097	1088	15.9	37.7	37.4	9.0	0.2	0.7	560.5	532.4	530.0	523.4	445.4	536.7
Sweden	2291	2270	6.4	26.5	47.0	20.1	0.4	0.7	528.0	503.7	497.7	477.1	484.9	486.7
International Avg.	1832	1784	10.1	32.7	42.2	15.0	1.4	2.3	510.5	494.8	500.9	492.7	453.7	478.7

Question : Are you studying physics because you need physics to pursue the career of your choice?
Location : SQP3-13E (PS2PWSPC)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	705	20.3	13.6	29.1	37.0	8.3	11.7	522.2	517.7	481.4	478.2	534.9	477.0
Iran, Islamic Rep. of	2434	2395	47.4	29.0	14.3	9.4	0.4	1.1	466.3	453.1	462.1	452.3	498.1	380.0
Italy	1861	1861	9.8	22.1	24.1	44.0	0.0	0.0	462.5	445.5	433.0	395.6	.	.
Lebanon	1595	1545	48.1	33.9	12.4	5.6	0.7	2.5	454.1	441.3	434.5	424.4	357.6	383.3
Netherlands	1511	1472	21.6	33.2	29.3	15.9	2.0	0.6	588.3	586.8	580.7	573.1	561.1	543.5
Norway	1640	1610	35.9	35.8	19.4	8.9	1.1	0.7	544.5	535.0	532.2	505.2	485.2	458.2
Russian Federation	3166	3135	21.7	21.6	24.3	32.3	0.1	1.0	560.8	558.2	517.7	474.4	259.6	480.2
Slovenia	1097	1087	28.1	29.2	23.6	19.1	0.2	0.7	552.8	534.9	525.1	523.5	445.4	493.3
Sweden	2291	2271	48.2	26.9	14.9	10.0	0.4	0.6	515.8	495.0	477.8	441.8	484.9	469.4
International Avg.	1832	1787	31.2	27.3	21.3	20.2	1.5	2.1	518.6	507.5	493.8	474.3	453.4	460.6

Question : Are you studying physics because it has good teachers?
Location : SQP3-13F (PS2PWSGT)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	723	60.0	27.1	7.5	5.4	8.3	9.8	490.7	504.0	490.9	469.9	534.9	475.9
Iran, Islamic Rep. of	2434	2378	35.3	32.8	19.9	11.9	0.4	1.7	445.9	468.4	468.0	466.1	498.1	438.0
Italy	1861	1861	27.8	39.7	18.8	13.8	0.0	0.0	416.3	430.7	416.0	417.9	.	.
Lebanon	1595	1553	54.7	26.8	11.8	6.7	0.7	1.9	443.3	449.2	453.1	431.7	355.2	384.3
Netherlands	1511	1471	16.2	39.6	33.4	10.8	2.0	0.6	583.7	586.0	581.5	576.6	561.1	554.7
Norway	1640	1610	28.5	40.8	22.5	8.2	1.1	0.8	537.0	540.4	535.5	499.8	494.8	475.3
Russian Federation	3166	3129	55.0	34.7	7.5	2.8	0.1	1.1	526.6	517.2	524.0	487.1	259.6	465.4
Slovenia	1097	1085	25.8	41.8	23.1	9.3	0.2	0.9	536.8	535.2	539.3	521.5	445.4	520.8
Sweden	2291	2255	28.8	40.1	20.0	11.1	0.4	1.4	495.4	502.5	504.6	470.5	484.9	471.6
International Avg.	1832	1785	36.9	35.9	18.3	8.9	1.5	2.0	497.3	503.7	501.4	482.3	454.3	473.3

Question : Are you studying physics because your parents advised you to study physics?
Location : SQP3-13G (PS2PWSPA)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	705	16.8	38.0	25.8	19.3	8.3	11.9	500.5	500.1	482.4	484.7	534.9	482.8
Iran, Islamic Rep. of	2434	2374	6.8	20.3	30.1	42.8	0.4	1.8	395.0	430.6	454.7	489.1	498.1	420.7
Italy	1861	1861	1.5	8.2	25.3	64.9	0.0	0.0	415.3	401.5	425.6	423.7	.	.
Lebanon	1595	1555	9.6	19.6	33.7	37.1	0.7	1.6	429.0	432.1	450.1	451.7	377.8	374.6
Netherlands	1511	1469	1.0	11.0	45.2	42.8	2.0	0.8	568.5	579.9	581.0	586.6	561.1	558.7
Norway	1640	1612	5.6	18.1	36.9	39.4	1.1	0.7	505.1	517.9	542.7	540.3	482.9	467.3
Russian Federation	3166	3141	5.2	22.4	43.3	29.0	0.1	0.7	536.9	535.8	522.7	507.2	259.6	459.0
Slovenia	1097	1091	1.5	8.6	34.3	55.6	0.2	0.4	552.2	524.2	528.6	540.7	445.4	486.6
Sweden	2291	2268	3.7	15.1	30.3	50.9	0.4	0.7	449.8	484.9	501.4	502.0	484.9	457.4
International Avg.	1832	1786	5.8	17.9	33.9	42.4	1.5	2.1	483.6	489.7	498.8	502.9	455.6	463.4

Question : Are you studying physics because you expect that you will easily pass the tests?
Location : SQP3-13H (PS2PWSEP)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	709	28.6	49.6	15.0	6.8	8.3	11.7	498.4	498.0	480.1	476.2	534.9	473.3
Iran, Islamic Rep. of	2434	2343	27.8	35.8	22.4	14.0	0.4	3.1	430.0	446.2	481.0	525.3	498.1	432.4
Italy	1861	1861	9.9	28.7	36.2	25.2	0.0	0.0	414.7	414.1	426.8	427.8	.	.
Lebanon	1595	1542	21.7	50.4	22.1	5.8	0.7	2.6	443.0	450.7	441.8	426.4	377.8	383.4
Netherlands	1511	1471	8.8	45.5	38.2	7.5	2.0	0.7	602.4	588.8	574.6	570.7	561.1	542.6
Norway	1640	1611	5.9	30.9	47.5	15.7	1.0	0.8	558.8	543.3	529.7	526.3	489.2	468.6
Russian Federation	3166	3150	6.9	46.6	37.8	8.7	0.1	0.5	553.5	527.3	515.8	492.2	259.6	471.6
Slovenia	1097	1091	12.7	48.9	30.3	8.2	0.2	0.4	583.5	533.5	523.5	515.4	445.4	486.6
Sweden	2291	2268	8.2	39.0	37.6	15.3	0.4	0.8	531.2	508.1	491.8	462.6	484.9	504.7
International Avg.	1832	1783	14.5	41.7	31.9	11.9	1.5	2.3	512.8	501.1	496.1	491.4	456.4	470.4

Question : Are you studying physics because you like the way physics is taught at your school?
Location : SQP3-13I (PS2PWSWT)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	710	32.5	43.5	16.5	7.5	8.3	11.3	491.5	504.1	481.4	465.4	534.9	477.2
Iran, Islamic Rep. of	2434	2390	19.3	27.9	28.0	24.8	0.4	1.2	449.1	461.1	468.4	459.7	498.1	400.3
Italy	1861	1861	11.1	37.2	31.1	20.6	0.0	0.0	428.5	429.1	424.6	402.9	.	.
Lebanon	1595	1536	33.2	33.6	22.3	10.9	0.9	2.8	450.4	440.6	450.2	439.7	378.9	380.9
Netherlands	1511	1470	6.3	44.8	39.9	9.1	2.0	0.7	597.0	586.4	579.9	571.8	561.1	554.1
Norway	1640	1605	12.7	38.1	35.9	13.3	1.1	1.1	545.8	539.8	538.6	502.5	494.8	482.3
Russian Federation	3166	3137	35.7	43.9	15.7	4.7	0.1	0.9	537.1	516.2	511.6	486.3	259.6	513.9
Slovenia	1097	1090	17.0	45.1	29.3	8.6	0.2	0.5	542.8	537.4	526.5	539.5	445.4	500.7
Sweden	2291	2262	12.9	42.3	29.4	15.4	0.4	0.9	511.4	512.3	484.4	467.9	484.9	481.3
International Avg.	1832	1785	20.1	39.6	27.6	12.8	1.5	2.2	505.9	503.0	496.2	481.7	457.2	473.8

Question : Are you studying physics because studying physics will give you more options after finishing school?
Location : SQP3-13J (PS2PWSMO)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	716	24.4	37.9	22.7	15.0	8.3	10.8	495.0	500.7	494.5	468.4	534.9	478.5
Iran, Islamic Rep. of	2434	2387	23.1	35.5	26.2	15.1	0.4	1.2	455.9	463.9	459.9	458.8	498.1	419.3
Italy	1861	1861	12.3	36.6	29.1	22.0	0.0	0.0	451.5	435.4	411.7	397.8	.	.
Lebanon	1595	1549	38.5	43.2	13.0	5.3	0.9	2.0	455.2	445.8	422.6	428.4	384.5	372.3
Netherlands	1511	1471	30.5	49.4	14.4	5.7	2.0	0.6	585.1	580.7	586.1	586.7	561.1	543.3
Norway	1640	1609	54.1	34.6	7.7	3.7	1.1	0.8	539.5	530.6	528.0	526.4	492.4	475.5
Russian Federation	3166	3148	25.7	32.3	24.7	17.3	0.1	0.5	564.8	534.7	499.3	464.7	259.6	500.8
Slovenia	1097	1089	18.3	32.1	31.9	17.7	0.2	0.6	551.5	536.1	529.3	528.5	445.4	492.4
Sweden	2291	2269	57.9	31.8	6.2	4.1	0.4	0.7	510.2	489.9	458.8	423.5	484.9	491.5
International Avg.	1832	1789	31.6	37.0	19.5	11.8	1.5	1.9	512.1	502.0	487.8	475.9	457.6	471.7

Question : Are you studying physics because a teacher advised you to study physics?
Location : SQP3-13K (PS2PWSTA)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	712	15.9	37.9	27.2	19.1	8.3	11.0	497.2	490.6	495.6	486.5	534.9	484.8
Iran, Islamic Rep. of	2434	2374	8.0	17.3	26.2	48.6	0.4	1.8	414.9	422.6	461.0	480.7	498.1	432.0
Italy	1861	1861	5.3	17.1	25.1	52.5	0.0	0.0	420.8	406.6	434.9	421.3	.	.
Lebanon	1595	1553	9.7	21.3	33.7	35.3	0.7	2.0	410.9	436.4	450.0	456.3	371.7	370.3
Netherlands	1511	1471	1.8	19.5	50.2	28.5	2.0	0.7	574.6	581.3	583.0	585.2	561.1	553.5
Norway	1640	1607	3.6	15.7	46.1	34.7	1.0	1.0	526.0	537.1	535.7	534.7	489.2	473.8
Russian Federation	3166	3140	3.7	21.3	48.5	26.5	0.1	0.7	566.3	527.5	526.4	501.6	259.6	502.6
Slovenia	1097	1090	2.3	11.7	42.5	43.5	0.2	0.4	525.2	535.1	534.8	536.4	445.4	499.1
Sweden	2291	2256	1.9	8.0	35.3	54.7	0.4	1.2	476.0	480.7	498.8	499.5	484.9	471.4
International Avg.	1832	1785	5.8	18.9	37.2	38.1	1.4	2.1	490.2	490.9	502.3	500.2	455.6	473.4

Question : Are you studying physics because your friends are also studying physics?
Location : SQP3-13L (PS2PWSFA)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	711	13.9	39.3	27.1	19.7	8.3	11.3	494.3	496.4	496.9	478.3	534.9	481.7
Iran, Islamic Rep. of	2434	2368	9.4	22.3	29.5	38.8	0.4	2.0	403.4	427.6	460.2	493.8	498.1	415.0
Italy	1861	1861	5.3	16.6	32.2	45.9	0.0	0.0	409.0	403.9	426.8	427.2	.	.
Lebanon	1595	1551	7.5	21.8	34.3	36.3	0.8	1.9	396.8	428.1	446.7	463.6	376.1	393.4
Netherlands	1511	1469	1.4	13.1	46.4	39.1	2.0	0.8	595.6	589.8	580.9	583.3	561.1	547.2
Norway	1640	1610	5.6	24.5	41.7	28.3	1.1	0.8	521.1	533.6	537.5	535.9	479.5	476.3
Russian Federation	3166	3147	8.3	30.2	38.6	22.9	0.1	0.6	531.9	517.8	524.7	517.4	259.6	507.5
Slovenia	1097	1090	4.0	19.7	36.1	40.2	0.2	0.4	524.7	525.2	536.7	540.2	445.4	487.9
Sweden	2291	2269	5.0	24.3	35.6	35.1	0.4	0.8	460.9	489.0	507.2	497.9	484.9	470.7
International Avg.	1832	1786	6.7	23.5	35.7	34.0	1.5	2.1	482.0	490.2	502.0	504.2	455.0	472.5

Question : Are you studying physics because the school coordinator/mentor advised you to?
 Location : SQP3-13M (PS2PWSMA)

Country	Sample	Valid N	1.VERY IMPORTA NT %	2.IMPOR TANT %	3.UNIMP ORTANT %	4.VERY UNIMPOR TANT %	Not Adminis tered %	Omitted %	1.VERY IMPORTA NT Mean	2.IMPOR TANT Mean	3.UNIMP ORTANT Mean	4.VERY UNIMPOR TANT Mean	Not Adminis tered Mean	Omitted Mean
Armenia	894	716	12.9	29.8	27.5	29.8	8.3	10.7	491.6	489.3	500.0	490.0	534.9	480.7
Iran, Islamic Rep. of	2434	2386	6.7	18.3	27.2	47.9	0.4	1.4	417.2	426.6	456.3	481.0	498.1	430.7
Italy	1861	.	.	.	.	.	100.0	0.0	.	.	.	.	422.2	.
Lebanon	1595	1552	6.9	16.0	32.4	44.7	0.6	2.0	406.5	424.2	450.1	455.6	356.3	379.8
Netherlands	1511	1469	1.2	11.5	47.2	40.1	2.0	0.8	576.6	575.4	583.6	585.0	561.1	558.0
Norway	1640	1608	2.7	12.3	38.4	46.7	1.1	0.9	492.6	527.8	537.9	537.3	492.2	467.4
Russian Federation	3166	3147	1.7	13.1	47.6	37.6	0.1	0.6	558.4	524.1	523.7	516.5	259.6	484.5
Slovenia	1097	1089	1.5	5.5	35.6	57.4	0.2	0.6	573.1	513.8	531.9	538.4	445.4	514.0
Sweden	2291	2272	1.8	6.6	29.1	62.4	0.4	0.6	442.0	458.6	499.2	501.7	484.9	488.2
International Avg.	1832	1780	4.4	14.1	35.6	45.8	12.6	2.0	494.8	492.5	510.3	513.2	450.5	475.4

Question : How many minutes per week do you spend on physics class?
 Location : SQP3-14A (PS2PHMMW)

Country	Sample	Valid N	N.A. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Armenia	894	745	8.3	7.5	183.7	180.0	0.0	45.0	120.0	160.0	180.0	180.0	270.0	315.0	600.0
Iran, Islamic Rep. of	2434	2334	0.2	3.6	253.0	180.0	0.0	135.0	160.0	180.0	240.0	300.0	360.0	480.0	600.0
Italy	1861	1861	0.0	0.0	186.7	180.0	60.0	100.0	150.0	165.0	180.0	200.0	240.0	240.0	660.0
Lebanon	1595	1517	0.7	4.3	382.5	350.0	5.0	120.0	250.0	350.0	385.0	420.0	600.0	600.0	600.0
Netherlands	1511	1443	2.0	2.5	193.8	200.0	0.0	125.0	140.0	150.0	200.0	210.0	250.0	270.0	600.0
Norway	1640	1590	1.2	2.0	227.3	225.0	0.0	180.0	200.0	225.0	225.0	225.0	250.0	300.0	480.0
Russian Federation	3166	3148	0.1	0.5	270.8	270.0	120.0	160.0	160.0	200.0	240.0	315.0	405.0	480.0	900.0
Slovenia	1097	1077	0.2	1.6	175.9	180.0	0.0	113.0	135.0	180.0	180.0	180.0	225.0	240.0	440.0
Sweden	2291	2155	0.4	5.3	190.6	180.0	0.0	110.0	120.0	150.0	180.0	240.0	275.0	320.0	518.0
International Avg.	1832	1763	1.4	3.0	229.4	216.1	20.6	120.9	159.4	195.6	223.3	252.2	319.4	360.6	599.8

Question : Are you taking or have you taken the advanced mathematics course that defines the advanced mathematics population?
 Location : SQP3-14B (PS2PMACO)

Country	Sample	Valid N	1.YES %	2.NO %	Not Adminis- tered %	Omitted %	1.YES Mean	2.NO Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	795	97.7	2.3	8.3	2.3	492.2	460.5	534.9	485.7
Iran, Islamic Rep. of	2434	2386	96.3	3.7	0.2	1.8	461.6	426.4	494.2	431.8
Italy	1861	1861	100.0	.	0.0	0.0	422.2	.	.	.
Lebanon	1595	1557	77.8	22.2	0.6	1.6	443.8	447.7	356.3	408.3
Netherlands	1511	1457	89.9	10.1	2.0	1.7	584.7	568.3	561.1	577.3
Norway	1640	1569	98.2	1.8	1.0	3.3	537.7	447.5	489.2	491.5
Russian Federation	3166	3156	53.1	46.9	0.1	0.2	549.0	490.5	259.6	476.4
Slovenia	1097	1087	44.9	55.1	0.2	0.7	578.6	500.4	445.4	482.5
Sweden	2291	2272	98.7	1.3	0.4	0.5	498.8	379.2	484.9	433.4
International Avg.	1832	1793	84.1	17.9	1.4	1.3	507.6	465.1	453.2	473.3

Question : How often do you listen to the teacher present new material in your physics lessons?
 Location : SQP3-15A (PS2PACLT)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	780	62.4	23.7	11.9	2.1	8.3	4.1	496.8	496.2	474.5	434.6	534.9	461.5
Iran, Islamic Rep. of	2434	2408	72.1	19.5	7.0	1.5	0.2	0.8	469.9	435.0	438.9	410.6	494.2	424.3
Italy	1861	1861	59.5	30.2	8.3	2.0	0.0	0.0	420.9	432.2	398.6	409.0	.	.
Lebanon	1595	1552	57.7	22.8	13.2	6.3	0.7	2.1	448.6	438.1	443.1	448.9	357.2	378.6
Netherlands	1511	1471	73.9	19.0	6.0	1.1	2.0	0.7	585.2	579.1	582.0	531.9	561.1	538.2
Norway	1640	1614	75.8	20.2	3.7	0.3	1.1	0.5	536.6	530.4	536.2	443.1	490.3	448.5
Russian Federation	3166	3158	53.7	37.1	8.6	0.5	0.1	0.2	511.8	539.6	503.0	509.7	259.6	555.2
Slovenia	1097	1087	69.6	22.2	7.5	0.8	0.2	0.7	541.1	520.4	522.1	568.4	445.4	517.7
Sweden	2291	2277	69.4	22.0	8.0	0.6	0.4	0.3	502.2	491.2	464.9	532.4	484.9	493.3
International Avg.	1832	1801	66.0	24.1	8.2	1.7	1.4	1.0	501.5	495.8	484.8	476.5	453.5	477.2

Question : How often do you work problems on your own in your physics lessons?
 Location : SQP3-15B (PS2PACWP)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	724	18.7	28.2	43.4	9.7	8.3	10.2	511.4	486.6	491.4	482.9	534.9	478.3
Iran, Islamic Rep. of	2434	2399	20.2	43.5	32.7	3.6	0.2	1.1	513.5	461.1	430.6	419.6	494.2	422.4
Italy	1861	1861	5.6	14.6	59.8	19.9	0.0	0.0	420.8	436.5	417.8	425.4	.	.
Lebanon	1595	1551	25.9	35.8	29.4	8.9	0.7	2.1	450.5	437.9	450.2	442.7	363.1	392.7
Netherlands	1511	1472	36.8	29.1	28.4	5.7	2.0	0.6	587.5	581.7	581.0	573.8	561.1	540.9
Norway	1640	1612	50.6	30.8	17.9	0.7	1.1	0.7	546.1	522.6	525.2	523.8	493.9	474.0
Russian Federation	3166	3158	23.4	39.2	36.6	0.8	0.1	0.1	541.3	521.8	509.3	487.2	259.6	461.2
Slovenia	1097	1088	16.3	37.8	38.0	8.0	0.2	0.6	552.0	527.5	535.3	538.0	445.4	515.2
Sweden	2291	2274	28.4	30.5	37.0	4.0	0.4	0.5	506.7	494.5	494.2	482.1	484.9	422.1
International Avg.	1832	1793	25.1	32.2	35.9	6.8	1.4	1.8	514.4	496.7	492.8	486.2	454.6	463.3

Question : How often do you work on problems together with other students in your physics lessons?
 Location : SQP3-15C (PS2PACWT)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	714	21.7	23.5	39.2	15.6	8.3	11.2	504.5	493.3	493.0	476.8	534.9	478.9
Iran, Islamic Rep. of	2434	2388	4.3	18.6	46.0	31.2	0.2	1.6	402.5	449.3	465.7	466.5	494.2	435.0
Italy	1861	1861	9.4	20.3	42.6	27.7	0.0	0.0	404.5	428.4	422.4	423.4	.	.
Lebanon	1595	1546	11.3	12.6	39.5	36.6	0.7	2.4	417.2	429.1	451.4	453.5	374.3	385.2
Netherlands	1511	1472	17.6	24.0	45.6	12.8	2.0	0.6	586.6	580.3	585.7	574.8	561.1	540.9
Norway	1640	1612	10.9	17.5	54.9	16.7	1.0	0.7	538.4	527.5	536.3	537.1	489.2	458.7
Russian Federation	3166	3151	31.7	37.3	29.4	1.6	0.1	0.3	523.6	525.8	512.6	536.5	259.6	532.8
Slovenia	1097	1088	7.4	16.6	36.8	39.2	0.2	0.6	519.1	514.7	530.6	551.5	445.4	515.2
Sweden	2291	2272	11.9	23.2	48.8	16.1	0.4	0.5	495.6	495.0	504.7	478.2	484.9	474.4
International Avg.	1832	1789	14.0	21.5	42.5	21.9	1.4	2.0	488.0	493.7	500.3	499.8	455.5	477.6

Question : How often do you review what has been taught in your physics lessons?
 Location : SQP3-15D (PS2PACRT)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	720	22.3	21.1	49.9	6.6	8.3	10.1	499.9	490.7	493.3	466.7	534.9	482.3
Iran, Islamic Rep. of	2434	2400	42.1	27.4	24.8	5.7	0.2	1.1	483.0	444.1	444.8	429.6	494.2	455.6
Italy	1861	1861	9.2	23.0	56.9	10.9	0.0	0.0	416.3	413.9	429.3	407.7	.	.
Lebanon	1595	1539	30.0	23.3	39.1	7.7	0.7	3.0	447.1	434.8	455.0	425.7	361.3	392.3
Netherlands	1511	1470	28.4	31.9	35.4	4.3	2.0	0.8	583.2	583.0	585.7	564.3	561.1	548.1
Norway	1640	1609	6.1	18.1	66.4	9.3	1.2	0.7	514.2	532.6	540.1	516.7	504.8	465.9
Russian Federation	3166	3143	20.6	24.1	53.9	1.4	0.1	0.7	514.9	516.4	527.7	499.8	259.6	446.2
Slovenia	1097	1086	12.4	29.4	46.7	11.5	0.2	0.8	528.1	526.8	545.4	523.6	445.4	515.1
Sweden	2291	2273	16.1	28.1	49.2	6.6	0.4	0.4	491.1	494.5	502.1	483.5	484.9	502.6
International Avg.	1832	1789	20.8	25.2	46.9	7.1	1.5	1.9	497.5	493.0	502.6	479.7	455.8	476.0

Question : How often do you review homework in your physics lessons?
 Location : SQP3-15E (PS2PACRH)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	719	36.6	21.7	25.9	15.8	8.3	10.4	501.9	484.3	498.2	475.2	534.9	479.1
Iran, Islamic Rep. of	2434	2394	31.8	28.2	29.5	10.4	0.2	1.4	470.4	456.4	453.3	459.2	494.2	427.0
Italy	1861	1861	11.6	16.4	52.6	19.4	0.0	0.0	427.2	428.9	425.8	403.8	.	.
Lebanon	1595	1545	33.6	22.6	29.5	14.3	0.8	2.4	446.0	448.2	446.2	438.8	367.4	386.1
Netherlands	1511	1471	23.9	22.4	33.6	20.1	2.0	0.7	588.8	583.2	582.1	578.4	561.1	544.5
Norway	1640	1612	14.2	20.0	44.8	21.0	1.1	0.7	536.9	542.6	538.7	519.6	494.6	440.4
Russian Federation	3166	3118	23.7	19.0	47.1	10.3	0.1	1.5	522.3	525.9	521.7	518.5	259.6	463.0
Slovenia	1097	1085	10.0	15.7	40.5	33.8	0.2	0.9	521.8	519.2	535.3	546.6	445.4	527.0
Sweden	2291	2274	1.5	4.1	34.4	60.0	0.4	0.4	463.9	477.7	485.4	506.0	484.9	466.9
International Avg.	1832	1787	20.8	18.9	37.5	22.8	1.4	2.0	497.7	496.3	498.5	494.0	455.3	466.8

Question : How often do you have oral or written tests or quizzes in your physics lessons?
 Location : SQP3-15F (PS2PACTQ)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	725	11.4	11.4	61.3	15.9	8.3	9.6	495.2	496.7	492.5	490.9	534.9	476.9
Iran, Islamic Rep. of	2434	2407	58.7	21.7	16.5	3.1	0.2	0.8	473.2	442.7	444.9	418.4	494.2	412.6
Italy	1861	1861	14.2	34.4	49.9	1.5	0.0	0.0	412.0	413.5	431.8	398.6	.	.
Lebanon	1595	1553	26.9	20.3	42.2	10.5	0.7	2.0	443.8	436.7	454.0	432.7	357.6	378.1
Netherlands	1511	1466	0.3	0.7	29.3	69.7	2.0	1.0	583.6	556.6	586.1	582.4	561.1	548.7
Norway	1640	1614	0.6	2.4	96.3	0.6	1.1	0.5	449.3	485.4	537.5	451.7	484.4	448.5
Russian Federation	3166	3155	24.5	33.7	40.8	0.9	0.1	0.3	517.1	527.5	521.1	431.9	259.6	521.7
Slovenia	1097	.	.	.	.	.	100.0	0.0	.	.	.	.	535.0	.
Sweden	2291	.	.	.	.	.	100.0	0.0	.	.	.	.	496.9	.
International Avg.	1832	1826	19.5	17.8	48.1	14.6	23.6	1.6	482.0	479.9	495.4	458.1	465.5	464.4

Question : How often do you watch the teacher demonstrate an experiment or investigation in your physics lessons?
 Location : SQP3-16A (PS2PDL01)

Country	Sample	Valid N	1.EVERY	2.ABOUT	3.SOME	4.NEVER	Not	Omitted	1.EVERY	2.ABOUT	3.SOME	4.NEVER	Not	Omitted
			OR	HALF			Adminis		OR	HALF			Adminis	
			ALMOST	THE	LESSONS		tered		ALMOST	THE	LESSONS		tered	
			EVERY	LESSONS					EVERY	LESSONS				
			LESSON	LESSONS					LESSON	LESSONS				
			%	%	%	%	%	%	Mean	Mean	Mean	Mean	Mean	Mean
Armenia	894	760	20.8	13.5	50.0	15.7	8.3	5.9	479.4	490.9	500.5	483.6	534.9	479.4
Iran, Islamic Rep. of	2434	2394	9.6	9.6	34.3	46.5	0.2	1.5	457.9	465.6	477.2	447.0	494.2	433.5
Italy	1861	1861	4.8	10.5	55.8	28.9	0.0	0.0	393.6	394.4	429.7	422.6	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1476	1.2	9.9	80.1	8.8	2.0	0.4	558.4	583.2	583.3	583.6	561.1	568.1
Norway	1640	1609	2.4	11.2	80.2	6.3	1.1	0.9	494.4	525.2	538.6	527.8	488.7	450.2
Russian Federation	3166	3157	4.3	18.3	71.5	5.9	0.1	0.2	492.6	508.8	525.8	529.2	259.6	527.8
Slovenia	1097	1084	12.0	29.3	55.2	3.6	0.2	1.0	522.8	532.8	539.5	535.8	445.4	508.9
Sweden	2291	2278	21.9	32.6	43.4	2.1	0.4	0.2	480.2	495.0	506.3	513.8	484.9	449.8
International Avg.	1832	1827	9.6	16.9	58.8	14.7	12.5	1.1	484.9	499.5	512.6	505.4	464.0	488.2

Question : How often do you conduct an experiment or investigation in your physics lessons?
Location : SQP3-16B (PS2PDL02)

Country	Sample	Valid N	1.EVERY	2.ABOUT	3.SOME	4.NEVER	Not Adminis tered	Omitted	1.EVERY	2.ABOUT	3.SOME	4.NEVER	Not Adminis tered	Omitted
			OR ALMOST EVERY LESSON %	HALF THE LESSONS %					OR ALMOST EVERY LESSON Mean	HALF THE LESSONS Mean				
Armenia	894	728	10.2	11.4	52.2	26.3	8.3	9.1	469.1	486.6	498.5	494.7	534.9	475.0
Iran, Islamic Rep. of	2434	2386	2.4	9.1	32.5	56.0	0.2	1.8	470.9	459.0	477.4	450.7	494.2	414.6
Italy	1861	1861	1.9	10.3	57.3	30.5	0.0	0.0	405.2	398.5	426.5	423.2	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1475	0.2	2.7	80.8	16.3	2.0	0.5	575.6	570.6	584.5	577.7	561.1	560.6
Norway	1640	1609	0.4	3.1	72.0	24.5	1.0	0.9	451.3	477.0	534.1	547.6	489.2	456.9
Russian Federation	3166	3156	1.3	8.0	79.2	11.5	0.1	0.3	547.4	514.2	522.5	517.7	259.6	469.5
Slovenia	1097	1082	2.1	16.7	74.1	7.2	0.2	1.2	506.0	526.3	539.9	521.4	445.4	498.4
Sweden	2291	2272	3.5	21.0	72.8	2.6	0.4	0.4	409.8	485.0	505.7	471.4	484.9	479.8
International Avg.	1832	1821	2.7	10.3	65.1	21.9	12.5	1.6	479.4	489.6	511.1	500.5	464.1	479.3

Question : How often do you use laws and formulas of physics to solve problems in your physics lessons?
Location : SQP3-16C (PS2PDL03)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	736	55.9	22.0	17.7	4.4	8.3	8.3	505.6	482.8	483.9	438.8	534.9	466.5
Iran, Islamic Rep. of	2434	2384	67.2	21.3	10.2	1.3	0.2	2.0	474.4	439.0	416.5	406.3	494.2	444.4
Italy	1861	1861	43.8	33.8	19.7	2.7	0.0	0.0	422.1	421.3	425.3	411.9	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1471	57.9	28.9	12.0	1.1	2.0	0.7	588.4	577.1	571.7	569.0	561.1	588.3
Norway	1640	1607	64.6	27.4	7.5	0.5	1.2	0.9	544.5	519.4	520.8	460.1	495.7	441.9
Russian Federation	3166	3155	63.7	30.6	5.5	0.2	0.1	0.3	531.6	512.7	456.8	382.0	259.6	534.6
Slovenia	1097	1081	37.9	37.9	23.0	1.2	0.2	1.2	547.7	531.4	523.0	533.8	445.4	496.0
Sweden	2291	2267	52.6	28.1	17.8	1.4	0.4	0.7	508.4	489.7	476.5	493.6	484.9	463.3
International Avg.	1832	1820	55.5	28.8	14.2	1.6	12.5	1.6	515.3	496.7	484.3	461.9	464.9	490.7

Question : How often do you give explanations about what you are studying in your physics lessons?
Location : SQP3-16D (PS2PDL04)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	718	45.4	27.1	19.9	7.6	8.3	10.5	500.4	490.9	488.6	464.7	534.9	480.4
Iran, Islamic Rep. of	2434	2340	25.8	29.8	29.5	14.9	0.2	3.5	470.5	455.5	451.2	474.0	494.2	429.4
Italy	1861	1861	31.3	29.3	27.4	12.0	0.0	0.0	422.7	427.3	417.9	418.3	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1468	11.3	21.0	35.9	31.8	2.0	0.9	585.4	574.7	586.7	583.9	561.1	557.4
Norway	1640	1601	17.1	27.9	43.3	11.7	1.1	1.3	530.9	536.0	537.4	533.8	492.4	469.7
Russian Federation	3166	3149	35.2	41.7	21.1	2.0	0.1	0.5	528.0	522.0	512.5	490.2	259.6	507.6
Slovenia	1097	1079	46.6	32.1	18.3	2.9	0.2	1.4	548.1	526.2	519.1	541.4	445.4	505.5
Sweden	2291	2257	14.6	23.6	45.1	16.7	0.4	1.1	508.7	501.9	494.1	491.5	484.9	438.2
International Avg.	1832	1809	28.4	29.1	30.0	12.4	12.5	2.1	511.8	504.3	500.9	499.7	464.5	484.0

Question : How often do you relate what you are learning in physics to your daily lives in your physics lessons?
 Location : SQP3-16E (PS2PDL05)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	712	25.3	16.9	39.5	18.3	8.3	11.0	497.7	493.4	496.9	481.5	534.9	474.2
Iran, Islamic Rep. of	2434	2374	13.7	26.6	41.2	18.5	0.2	2.1	477.6	477.1	453.4	440.6	494.2	418.8
Italy	1861	1861	8.9	15.3	45.6	30.2	0.0	0.0	437.6	442.4	429.2	396.9	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1474	4.0	15.7	50.9	29.4	2.0	0.5	578.3	589.7	584.2	577.9	561.1	575.1
Norway	1640	1604	6.8	22.1	55.5	15.6	1.1	1.2	528.1	540.7	538.7	521.8	490.3	438.9
Russian Federation	3166	3150	15.2	26.1	48.2	10.5	0.1	0.5	524.9	528.8	521.4	502.1	259.6	443.4
Slovenia	1097	1083	14.9	36.2	42.1	6.8	0.2	1.0	550.5	537.4	533.6	503.5	445.4	508.1
Sweden	2291	2269	7.7	19.4	50.3	22.5	0.4	0.7	496.2	503.6	496.9	491.0	484.9	520.1
International Avg.	1832	1816	12.1	22.3	46.7	19.0	12.5	1.9	511.3	514.1	506.8	489.4	464.3	482.6

Question : How often do you memorize formulas and procedures of physics in your physics lessons?
Location : SQP3-16F (PS2PDL06)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	719	40.2	23.7	30.0	6.1	8.3	10.2	500.6	498.0	489.5	455.3	534.9	471.2
Iran, Islamic Rep. of	2434	2358	51.0	27.8	17.2	4.0	0.2	2.8	467.3	456.8	451.5	455.6	494.2	411.4
Italy	1861	1861	25.6	30.9	31.5	12.0	0.0	0.0	416.9	415.0	428.0	436.7	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1473	5.7	20.0	43.2	31.1	2.0	0.6	588.1	582.7	582.9	582.2	561.1	579.8
Norway	1640	1599	4.7	13.3	45.5	36.6	1.4	1.2	515.5	528.8	537.9	537.3	499.3	463.1
Russian Federation	3166	3152	44.9	29.4	20.1	5.5	0.1	0.4	525.5	518.0	513.4	535.9	259.6	526.3
Slovenia	1097	1080	4.2	15.3	41.8	38.7	0.2	1.4	518.7	513.7	534.6	546.8	445.4	514.8
Sweden	2291	2264	5.7	15.8	42.9	35.6	0.4	0.9	463.2	491.0	498.3	504.1	484.9	472.2
International Avg.	1832	1813	22.8	22.0	34.0	21.2	12.5	1.9	499.5	500.5	504.5	506.7	465.4	491.3

Question : How often do you read your textbook and other resource materials in your physics lessons?
Location : SQP3-16G (PS2PDL07)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	720	24.2	18.9	41.1	15.8	8.3	10.1	496.5	494.5	499.6	471.3	534.9	474.7
Iran, Islamic Rep. of	2434	2361	42.9	29.6	21.7	5.8	0.2	2.9	494.8	448.8	417.1	423.1	494.2	445.7
Italy	1861	1861	14.9	17.2	37.1	30.8	0.0	0.0	420.9	428.5	420.3	421.6	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1474	22.1	28.6	37.7	11.6	2.0	0.5	592.5	583.2	580.1	574.1	561.1	565.8
Norway	1640	1607	13.3	22.4	45.4	19.0	1.0	1.0	537.5	521.2	535.0	552.0	489.2	449.5
Russian Federation	3166	3156	26.0	27.1	35.9	11.0	0.1	0.2	512.6	507.0	525.3	565.7	259.6	509.3
Slovenia	1097	1078	3.3	7.3	35.2	54.2	0.2	1.5	516.8	490.2	529.1	546.6	445.4	523.8
Sweden	2291	2275	19.3	26.1	40.8	13.8	0.4	0.4	485.7	492.0	497.7	520.3	484.9	492.1
International Avg.	1832	1817	20.7	22.2	36.8	20.3	12.5	1.8	507.2	495.7	500.5	509.4	464.1	494.4

Question : How often do you watch the teacher demonstrate physics on a computer in your physics lessons?
Location : SQP3-16H (PS2PDL08)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	727	7.2	5.0	22.4	65.4	8.3	9.3	494.5	467.9	504.9	490.8	534.9	476.2
Iran, Islamic Rep. of	2434	2386	2.5	2.8	7.3	87.3	0.2	1.7	390.5	441.9	470.7	462.2	494.2	420.5
Italy	1861	1861	3.6	2.9	16.7	76.8	0.0	0.0	361.1	422.4	439.8	421.2	.	.
Lebanon	1595	.	.	.	.	.	100.0	0.0	.	.	.	.	443.5	.
Netherlands	1511	1474	2.1	8.2	52.2	37.6	2.0	0.5	563.6	570.5	584.3	585.0	561.1	571.0
Norway	1640	1607	2.8	10.7	51.3	35.3	1.1	1.0	521.7	526.5	531.0	545.5	490.7	452.0
Russian Federation	3166	3154	8.1	13.3	34.6	44.0	0.1	0.4	513.7	542.4	534.2	507.1	259.6	455.1
Slovenia	1097	1083	9.6	27.2	47.3	15.9	0.2	1.0	511.7	537.1	538.3	538.1	445.4	514.2
Sweden	2291	2273	2.9	8.2	43.0	45.9	0.4	0.5	442.6	503.1	498.7	497.8	484.9	487.3
International Avg.	1832	1821	4.8	9.8	34.4	51.0	12.5	1.6	474.9	501.5	512.7	506.0	464.3	482.3

Question : How often do you use a calculator in your physics lessons?
 Location : SQP3-17AA (PS2PULCA)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	721	32.8	15.5	36.0	15.8	8.3	10.5	503.6	504.8	496.6	457.4	534.9	471.0
Iran, Islamic Rep. of	2434	2374	13.0	25.8	39.8	21.5	0.2	2.3	408.8	438.3	461.7	514.9	494.2	442.8
Italy	1861	1861	43.3	25.4	25.7	5.7	0.0	0.0	445.9	423.0	394.5	363.1	.	.
Lebanon	1595	1537	69.3	20.5	9.1	1.1	1.5	2.1	445.5	450.6	438.5	428.7	378.5	388.8
Netherlands	1511	1476	81.2	13.5	4.6	0.6	2.0	0.4	586.7	567.9	566.2	540.7	561.1	574.9
Norway	1640	1593	91.6	6.2	1.8	0.4	1.6	1.3	538.2	509.5	503.5	567.0	492.4	448.6
Russian Federation	3166	3150	61.9	21.3	14.8	2.0	0.1	0.4	542.2	510.6	463.3	430.7	259.6	498.4
Slovenia	1097	1080	77.7	16.4	5.1	0.9	0.3	1.2	537.3	527.9	534.4	517.5	468.9	510.1
Sweden	2291	2259	76.1	14.9	8.2	0.8	0.4	1.1	499.9	494.3	489.9	423.2	484.9	443.4
International Avg.	1832	1783	60.8	17.7	16.1	5.4	1.6	2.2	500.9	491.9	483.2	471.5	459.3	472.3

Question : How often do you use a computer in your physics lessons?
 Location : SQP3-17AB (PS2PULCO)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	706	2.8	2.8	16.8	77.6	8.3	11.0	458.1	509.4	506.9	489.3	534.9	487.3
Iran, Islamic Rep. of	2434	2376	0.8	2.7	12.3	84.2	0.2	2.4	449.0	438.5	477.9	459.2	494.2	416.7
Italy	1861	1861	1.7	2.8	20.0	75.5	0.0	0.0	367.7	430.7	445.5	417.0	.	.
Lebanon	1595	1531	2.3	5.3	25.0	67.4	0.8	3.4	415.6	422.7	448.3	447.0	368.0	410.2
Netherlands	1511	1476	0.9	2.8	67.3	29.0	2.0	0.4	566.5	573.6	583.2	583.9	561.1	569.4
Norway	1640	1603	2.9	3.6	40.6	52.9	1.1	1.2	525.5	522.2	534.0	537.9	493.1	468.5
Russian Federation	3166	3127	3.5	7.6	27.4	61.5	0.1	1.3	525.2	537.5	535.7	513.7	259.6	485.0
Slovenia	1097	1081	8.7	19.0	49.4	22.9	0.2	1.3	536.1	539.8	542.5	516.4	445.4	513.6
Sweden	2291	2263	0.4	1.9	40.2	57.4	0.4	0.9	418.4	484.6	507.6	491.4	484.9	445.3
International Avg.	1832	1780	2.7	5.4	33.2	58.7	1.4	2.4	473.6	495.4	509.1	495.1	455.2	474.5

Question : How often do you use other computing technology in your physics lessons?
 Location : SQP3-17AC (PS2PULOT)

Country	Sample	Valid N	1.EVERY OR ALMOST EVERY LESSON %	2.ABOUT HALF THE LESSONS %	3.SOME LESSONS %	4.NEVER %	Not Adminis- tered %	Omitted %	1.EVERY OR ALMOST EVERY LESSON Mean	2.ABOUT HALF THE LESSONS Mean	3.SOME LESSONS Mean	4.NEVER Mean	Not Adminis- tered Mean	Omitted Mean
Armenia	894	706	2.5	3.0	15.2	79.3	8.3	11.1	457.2	488.7	509.5	490.4	534.9	483.3
Iran, Islamic Rep. of	2434	2371	1.1	2.8	12.4	83.6	0.2	2.6	413.4	416.4	455.7	463.2	494.2	438.3
Italy	1861	1861	1.7	1.9	14.5	81.8	0.0	0.0	406.1	392.3	420.2	423.6	.	.
Lebanon	1595	1522	2.3	6.7	37.1	53.9	0.6	3.9	384.4	451.6	448.6	445.8	356.3	402.0
Netherlands	1511	1467	2.0	4.6	53.9	39.5	2.0	1.0	591.4	577.1	581.9	585.2	561.1	559.3
Norway	1640	1602	0.5	2.6	48.7	48.2	1.1	1.3	510.6	512.5	536.7	535.3	496.0	474.4
Russian Federation	3166	3114	4.6	6.5	35.9	52.9	0.1	1.7	545.8	535.4	520.2	519.4	259.6	492.8
Slovenia	1097	1079	3.6	11.2	54.0	31.1	0.2	1.5	528.0	536.9	540.3	527.6	445.4	510.5
Sweden	2291	.	.	.	.	.	100.0	0.0	.	.	.	.	496.9	.
International Avg.	1832	1715	2.3	4.9	34.0	58.8	12.5	2.6	479.6	488.9	501.6	498.8	455.6	480.1

Question : If you use a calculator in your physics lessons, what kind of calculator do you usually use?
 Location : SQP3-17B (PS2PULKC)

Country	Sample	Valid N	1.SIMPL E CALC %	2.SCIEN TIFIC CALC %	3.GRAPH ING CALC %	4.SYMBO LIC CALC %	Not Adminis tered %	Not Applica ble %	Omitted %	1.SIMPL E CALC Mean	2.SCIEN TIFIC CALC Mean	3.GRAPH ING CALC Mean	4.SYMBO LIC CALC Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	721	58.4	21.9	2.0	1.9	8.3	15.8	10.5	491.2	524.0	517.6	511.1	534.9	457.4	471.0
Iran, Islamic Rep. of	2434	2374	49.3	27.6	0.6	1.0	0.2	21.5	2.3	440.7	450.8	492.2	485.2	494.2	514.9	442.8
Italy	1861	1861	2.5	89.3	1.3	1.2	0.0	5.7	0.0	361.0	427.6	452.3	392.5	.	363.1	.
Lebanon	1595	1537	4.4	91.2	2.2	1.1	1.5	1.1	2.1	426.3	447.2	439.0	434.6	378.5	428.7	388.8
Netherlands	1511	1476	1.1	8.0	87.1	3.1	2.0	0.6	0.4	550.6	576.3	583.6	602.7	561.1	540.7	574.9
Norway	1640	1593	0.7	7.0	76.1	15.7	1.6	0.4	1.3	501.1	500.9	538.6	539.4	492.4	567.0	448.6
Russian Federation	3166	3150	43.2	53.0	1.0	0.8	0.1	2.0	0.4	498.3	542.6	547.5	577.0	259.6	430.7	498.4
Slovenia	1097	1080	3.7	92.7	1.2	1.4	0.3	0.9	1.2	503.4	536.4	561.7	545.0	468.9	517.5	510.1
Sweden	2291	2259	0.8	2.1	86.7	9.7	0.4	0.8	1.1	364.2	438.8	501.5	492.0	484.9	423.2	443.4
International Avg.	1832	1783	18.2	43.7	28.7	4.0	1.6	5.4	2.2	459.7	493.9	514.9	508.8	459.3	471.5	472.3

Question : How much time do you spend doing physics homework assignments each week?
 Location : SQP3-18A (PS2PHTIM)

Country	Sample	Valid N	N.A. %	Omit %	Mean	Mode	Min	P5	P10	Q1	Median	Q3	P90	P95	Max
Armenia	894	662	8.3	16.4	150.7	60.0	0.0	6.0	20.0	45.0	100.0	190.0	360.0	600.0	600.0
Iran, Islamic Rep. of	2434	2150	0.2	11.4	272.6	120.0	0.0	50.0	60.0	120.0	240.0	360.0	540.0	600.0	600.0
Italy	1861	1861	0.0	0.0	128.0	180.0	30.0	30.0	30.0	60.0	120.0	180.0	240.0	300.0	600.0
Lebanon	1595	1452	0.6	8.4	243.0	600.0	0.0	30.0	50.0	100.0	200.0	360.0	600.0	600.0	600.0
Netherlands	1511	1300	2.0	12.1	62.7	30.0	0.0	0.0	5.0	20.0	50.0	90.0	135.0	180.0	600.0
Norway	1640	1519	1.4	5.9	98.5	60.0	0.0	10.0	20.0	30.0	60.0	120.0	200.0	240.0	600.0
Russian Federation	3166	3078	0.1	2.7	199.1	180.0	0.0	30.0	60.0	100.0	180.0	250.0	360.0	480.0	960.0
Slovenia	1097	865	0.2	20.9	44.2	30.0	0.0	0.0	0.0	10.0	30.0	60.0	120.0	120.0	568.0
Sweden	2291	1920	0.4	17.7	59.4	60.0	0.0	0.0	2.0	20.0	45.0	60.0	120.0	180.0	900.0
International Avg.	1832	1645	1.5	10.6	139.8	146.7	3.3	17.3	27.4	56.1	113.9	185.6	297.2	366.7	669.8

Question : When doing physics homework, how often do you do problem/question sets?
Location : SQP3-18BA (PS2PHPQS)

Country	Sample	Valid N	1.ALWAY S OR ALMOST ALWAYS %	2.SOMET IMES %	3.NEVER OR ALMOST NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.ALWAY S OR ALMOST ALWAYS Mean	2.SOMET IMES Mean	3.NEVER OR ALMOST NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	707	40.6	48.7	7.8	8.3	2.9	11.6	511.6	484.0	491.5	534.9	395.6	478.8
Iran, Islamic Rep. of	2434	2368	47.8	48.6	2.9	0.2	0.8	2.4	502.4	423.7	405.1	494.2	438.2	417.2
Italy	1861	1861	37.7	49.2	13.1	0.0	.	0.0	442.3	410.9	406.6	.	.	.
Lebanon	1595	1519	52.0	43.8	2.7	0.6	1.5	4.2	459.2	430.0	450.8	371.6	437.8	401.6
Netherlands	1511	1412	55.1	29.4	7.4	2.0	8.2	4.6	582.1	578.3	587.1	561.1	593.0	597.3
Norway	1640	1596	80.9	15.7	1.5	1.0	1.9	1.7	539.2	511.8	554.2	489.2	524.3	520.1
Russian Federation	3166	3147	73.5	24.6	1.1	0.1	0.8	0.6	540.5	474.4	425.7	259.6	418.8	423.1
Slovenia	1097	1061	38.7	44.3	5.0	0.2	12.0	3.1	539.8	529.2	543.5	445.4	543.4	518.1
Sweden	2291	2230	66.4	23.1	3.0	0.4	7.5	2.7	507.9	471.9	491.3	484.9	483.4	487.7
International Avg.	1832	1767	54.7	36.4	4.9	1.4	4.5	3.4	513.9	479.3	484.0	455.1	479.3	480.5

Question : When doing physics homework, how often do you read the textbook?
Location : SQP3-18BB (PS2PHRTB)

Country	Sample	Valid N	1.ALWAY S OR ALMOST ALWAYS %	2.SOMET IMES %	3.NEVER OR ALMOST NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.ALWAY S OR ALMOST ALWAYS Mean	2.SOMET IMES Mean	3.NEVER OR ALMOST NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	715	52.9	39.6	4.6	8.3	2.9	10.6	505.1	488.1	443.5	534.9	395.6	483.7
Iran, Islamic Rep. of	2434	2371	51.4	41.9	5.9	0.2	0.8	2.4	458.4	460.9	481.1	494.2	438.2	425.0
Italy	1861	1861	48.2	39.9	11.9	0.0	.	0.0	418.4	426.4	423.5	.	.	.
Lebanon	1595	1508	29.8	56.9	11.8	0.6	1.5	5.0	449.1	446.6	442.7	359.2	437.8	392.5
Netherlands	1511	1432	26.9	53.9	11.1	2.0	8.1	3.4	582.3	579.6	587.0	561.1	593.0	601.9
Norway	1640	1596	45.4	45.3	7.3	1.0	1.9	1.7	531.0	535.1	555.0	489.2	524.3	539.4
Russian Federation	3166	3143	56.6	37.8	4.8	0.1	0.8	0.7	516.9	526.4	556.3	259.6	418.8	494.0
Slovenia	1097	923	1.7	24.9	59.6	0.2	13.8	15.7	489.0	513.3	542.0	445.4	543.4	540.4
Sweden	2291	2210	45.2	41.1	6.0	0.4	7.6	3.6	497.0	496.1	502.1	484.9	483.4	525.5
International Avg.	1832	1751	39.8	42.4	13.7	1.4	4.7	4.8	494.1	497.0	503.7	453.6	479.3	500.3

Question : When doing physics homework, how often do you memorize formulas and procedures?
 Location : SQP3-18BC (PS2PHMFP)

Country	Sample	Valid N	1.ALWAY S OR ALMOST ALWAYS %	2.SOMET IMES %	3.NEVER OR ALMOST NEVER %	Not Adminis tered %	Not Applica ble %	Omitted %	1.ALWAY S OR ALMOST ALWAYS Mean	2.SOMET IMES Mean	3.NEVER OR ALMOST NEVER Mean	Not Adminis tered Mean	Not Applica ble Mean	Omitted Mean
Armenia	894	693	36.2	52.7	8.1	8.3	3.0	13.1	509.3	490.9	492.4	534.9	395.6	470.3
Iran, Islamic Rep. of	2434	2368	56.6	38.7	4.0	0.2	0.8	2.4	461.2	456.9	489.8	494.2	438.2	431.2
Italy	1861	1861	51.4	40.3	8.3	0.0	.	0.0	418.6	427.4	419.1	.	.	.
Lebanon	1595	1522	48.7	40.3	9.5	0.6	1.5	3.9	440.8	447.8	466.8	359.2	437.8	394.5
Netherlands	1511	1347	4.6	35.5	51.3	2.0	8.6	9.0	573.4	578.6	583.4	561.1	593.0	591.5
Norway	1640	1549	5.4	42.9	49.7	1.0	2.0	4.5	513.9	528.6	540.8	489.2	524.3	551.4
Russian Federation	3166	3152	69.7	27.0	2.5	0.1	0.8	0.4	523.5	521.8	484.9	259.6	418.8	558.2
Slovenia	1097	907	3.2	24.3	58.4	0.2	14.0	17.1	496.3	514.8	542.3	445.4	543.4	539.4
Sweden	2291	2069	9.9	40.3	41.6	0.4	8.2	10.1	495.6	483.2	511.5	484.9	483.4	503.7
International Avg.	1832	1719	31.7	38.0	25.9	1.4	4.8	6.7	492.5	494.4	503.4	453.6	479.3	505.0

Question : How often do you use a computer to work on physics outside of class?
 Location : SQP3-19 (PS2PUCOC)

Country	Sample	Valid N	1.ALAMOS	2.ONCE	3.ABOUT	4.NEVER	Not Adminis tered	Omitted	1.ALAMOS	2.ONCE	3.ABOUT	4.NEVER	Not Adminis tered	Omitted
			T EVERY DAY %	OR TWICE A WEEK %	ONCE A MONTH %	OR ALMOST NEVER %			T EVERY DAY Mean	OR TWICE A WEEK Mean	ONCE A MONTH Mean	OR ALMOST NEVER Mean		
Armenia	894	771	7.8	14.3	12.8	65.1	8.3	4.9	488.6	515.0	482.0	488.3	534.9	491.4
Iran, Islamic Rep. of	2434	2387	0.8	3.1	10.6	85.5	0.2	1.7	384.8	487.8	469.1	459.2	494.2	417.8
Italy	1861	1861	2.6	10.8	17.2	69.4	0.0	0.0	437.6	435.4	439.7	415.2	.	.
Lebanon	1595	1563	3.9	16.2	22.3	57.7	0.8	1.2	396.3	443.0	452.8	445.3	362.8	395.8
Netherlands	1511	1475	1.5	6.1	25.3	67.0	2.0	0.5	577.7	581.7	580.5	584.1	561.1	584.4
Norway	1640	1610	1.5	6.7	26.3	65.4	1.0	0.8	505.4	528.4	541.7	533.4	489.2	504.4
Russian Federation	3166	3158	5.1	21.8	26.1	47.0	0.1	0.2	553.0	534.4	533.6	504.8	259.6	654.0
Slovenia	1097	1076	7.2	18.3	36.7	37.8	0.2	1.7	507.9	521.2	544.3	539.2	445.4	513.3
Sweden	2291	2273	0.4	2.7	14.5	82.4	0.4	0.4	542.4	479.0	496.5	497.7	484.9	449.4
International Avg.	1832	1797	3.4	11.1	21.3	64.1	1.4	1.3	488.2	502.9	504.5	496.4	454.0	501.3

Question : How often do you work with a physics tutor?
Location : SQP3-20 (PS2PWSUT)

			1.MORE THAN ONCE A WEEK	2.ABOUT ONCE A WEEK	3.ABOUT ONCE A MONTH	4.ONCE IN A WHILE		Not Adminis tered	Omitted		1.MORE THAN ONCE A WEEK	2.ABOUT ONCE A WEEK	3.ABOUT ONCE A MONTH	4.ONCE IN A WHILE		Not Adminis tered	Omitted
Country	Sample	Valid N	%	%	%	%	5.NEVER %	%	%		Mean	Mean	Mean	Mean	5.NEVER Mean	Mean	Mean
Armenia	894	779	15.2	3.0	1.8	9.3	70.7	8.3	4.0	531.5	467.3	541.1	524.9	478.4	534.9	485.7	
Iran, Islamic Rep. of	2434	2399	6.3	7.3	1.4	9.3	75.7	0.2	1.2	440.0	458.8	495.3	436.3	464.5	494.2	413.0	
Italy	1861	1861	2.1	5.1	2.8	21.7	68.3	0.0	0.0	410.1	391.9	412.5	393.7	434.3	.	.	
Lebanon	1595	1557	5.3	7.5	5.4	14.9	66.9	0.8	1.6	394.4	397.8	394.7	429.9	461.1	374.8	412.0	
Netherlands	1511	1476	0.2	1.7	0.7	8.9	88.5	2.0	0.4	541.4	555.5	553.6	553.1	586.8	561.1	582.1	
Norway	1640	.	.	.	.	.	.	100.0	0.0	.	.	.	.	.	534.1	.
Russian Federation	3166	3159	8.7	16.0	1.0	9.9	64.3	0.1	0.1	571.3	562.5	481.4	521.2	504.9	259.6	652.9	
Slovenia	1097	1078	0.3	0.5	0.8	7.9	90.5	0.2	1.6	432.3	466.4	508.6	490.7	540.2	445.4	523.2	
Sweden	2291	.	.	.	.	.	.	100.0	0.0	.	.	.	.	.	496.9	.
International Avg.	1832	1758	5.4	5.9	2.0	11.7	75.0	23.5	1.0	474.4	471.5	483.9	478.5	495.7	462.6	511.5	

Question : How often do you prepare for a physics test or examination?
 Location : SQP3-21 (PS2PPRET)

Country	Sample	Valid N	1.ABOUT	2.ABOUT	3.ABOUT	4.ABOUT	5.NEVER	Not Adminis tered	Omitted	1.ABOUT	2.ABOUT	3.ABOUT	4.ABOUT	5.NEVER	Not Adminis tered	Omitted
			ONCE A WEEK %	ONCE A MONTH %	5 TIMES A YEAR %	TWICE A YEAR %				ONCE A WEEK Mean	ONCE A MONTH Mean	5 TIMES A YEAR Mean	TWICE A YEAR Mean			
Armenia	894	779	28.7	24.7	6.9	16.6	23.1	8.3	3.9	495.3	504.7	498.7	501.2	462.1	534.9	495.2
Iran, Islamic Rep. of	2434	2399	27.2	51.1	10.3	7.4	3.9	0.2	1.2	477.4	459.2	475.5	412.6	407.4	494.2	412.0
Italy	1861	1861	28.4	49.7	14.8	4.2	2.9	0.0	0.0	411.0	430.8	422.2	379.2	445.4	.	.
Lebanon	1595	1564	46.0	42.9	7.7	2.3	1.0	0.8	1.0	443.0	448.6	454.5	414.8	340.3	376.3	392.6
Netherlands	1511	1475	7.3	20.5	61.2	9.6	1.5	2.0	0.5	549.2	577.6	586.6	595.5	589.8	561.1	580.4
Norway	1640	1608	0.8	34.9	60.7	3.2	0.4	1.1	0.8	456.2	527.3	541.7	511.7	480.2	491.4	515.3
Russian Federation	3166	3160	28.6	46.1	12.6	7.5	5.2	0.1	0.1	532.1	526.1	521.5	500.0	449.0	259.6	640.4
Slovenia	1097	1078	12.3	44.5	34.6	7.2	1.4	0.2	1.5	510.4	531.2	550.6	529.9	523.3	445.4	537.5
Sweden	2291	2274	0.6	18.5	70.6	9.7	0.7	0.4	0.4	383.8	466.6	506.5	500.6	435.2	484.9	414.8
International Avg.	1832	1800	20.0	37.0	31.0	7.5	4.5	1.5	1.1	473.2	496.9	506.4	482.8	459.2	456.0	498.5

Question : Students and Parents Born in the Country
 Location : DERIVED (PSDGBORN)

Country	Sample	Valid N	1.	2. AT	3.	MISSING	NOT ADMINIS TERED	1.	2. AT	3.	MISSING	NOT ADMINIS TERED
			BOTH PARENTS AND CHILD BORN IN COUNTRY %	LEAST ONE PARENT OR CHILD BORN IN COUNTRY %	NEITHER PARENT NOR CHILD BORN IN COUNTRY %			BOTH PARENTS AND CHILD BORN IN COUNTRY Mean	LEAST ONE PARENT OR CHILD BORN IN COUNTRY Mean	NEITHER PARENT NOR CHILD BORN IN COUNTRY Mean		
Armenia	894	799	87.7	11.4	0.9	10.5	0.0	489.9	505.7	517.3	520.4	.
Iran, Islamic Rep. of	2434	2418	97.9	2.0	0.1	0.5	0.0	459.8	476.0	542.8	399.7	.
Italy	1861	1861	92.1	6.9	1.0	0.0	0.0	422.5	413.8	452.2	.	.
Lebanon	1595	1576	85.1	14.7	0.3	1.3	0.0	443.0	452.4	452.2	377.1	.
Netherlands	1511	1409	85.1	12.1	2.8	6.6	0.0	584.4	577.9	567.4	573.5	.
Norway	1640	1615	83.2	12.7	4.1	1.6	0.0	539.6	516.8	492.0	493.1	.
Russian Federation	3166	3129	83.1	14.3	2.7	1.1	0.0	520.0	533.1	504.8	499.3	.
Slovenia	1097	1088	87.4	11.7	0.8	0.8	0.0	538.5	516.7	475.0	485.8	.
Sweden	2291	2275	76.6	15.8	7.7	0.6	0.0	507.8	474.0	437.5	477.0	.
International Avg.	1832	1797	86.5	11.3	2.3	2.6	0.0	500.6	496.3	493.5	478.2	.

Question : Students' Reasons for Studying Physics - Positive Affect Toward Physics
 Location : DERIVED (PSDPPATP)

Country	Sample	Valid N	1. VERY IMPORTA NT %	2. IMPORTA NT %	3. UNIMPOR TANT %	4. VERY UNIMPOR TANT %	MISSING %	NOT ADMINIS TERED %	1. VERY IMPORTA NT Mean	2. IMPORTA NT Mean	3. UNIMPOR TANT Mean	4. VERY UNIMPOR TANT Mean	MISSING Mean	NOT ADMINIS TERED Mean
Armenia	894	724	32.8	46.6	14.4	6.1	18.1	0.0	504.1	494.6	477.7	459.0	503.4	.
Iran, Islamic Rep. of	2434	2396	42.3	36.9	14.9	5.9	1.5	0.0	486.5	454.1	421.9	412.8	413.3	.
Italy	1861	1861	17.0	45.0	25.4	12.5	0.0	0.0	457.5	435.3	399.3	373.4	.	.
Lebanon	1595	1565	58.2	33.2	7.0	1.6	1.9	0.0	457.6	430.3	418.0	423.9	354.9	.
Netherlands	1511	1473	19.8	54.0	21.7	4.4	2.5	0.0	606.6	585.4	563.5	546.0	558.0	.
Norway	1640	1613	24.9	49.7	20.3	5.1	1.7	0.0	565.5	537.5	507.6	471.9	479.5	.
Russian Federation	3166	3151	19.9	50.5	23.2	6.3	0.5	0.0	561.7	531.0	487.9	443.8	442.8	.
Slovenia	1097	1091	31.5	52.5	13.1	2.9	0.6	0.0	557.9	527.9	516.8	508.7	470.7	.
Sweden	2291	2274	15.4	43.1	28.9	12.6	0.8	0.0	544.6	506.3	478.3	450.2	482.0	.
International Avg.	1832	1794	29.1	45.7	18.8	6.4	3.1	0.0	526.9	500.3	474.6	454.4	463.1	.

Question : Students' Reasons for Studying Physics - Good Teachers and Teaching
Location : DERIVED (PSDPGTT)

Country	Sample	Valid N	1. VERY IMPORTA NT %	2. IMPORTA NT %	3. UNIMPOR TANT %	4. VERY UNIMPOR TANT %	MISSING %	NOT ADMINIS TERED %	1. VERY IMPORTA NT Mean	2. IMPORTA NT Mean	3. UNIMPOR TANT Mean	4. VERY UNIMPOR TANT Mean	MISSING Mean	NOT ADMINIS TERED Mean
Armenia	894	701	56.0	33.8	4.4	5.8	20.5	0.0	493.1	499.8	484.9	466.7	500.7	.
Iran, Islamic Rep. of	2434	2366	29.1	37.3	15.2	18.3	2.6	0.0	447.0	465.5	466.5	466.0	439.6	.
Italy	1861	1861	21.9	46.8	14.9	16.4	0.0	0.0	420.5	429.1	418.6	408.1	.	.
Lebanon	1595	1520	49.4	34.3	8.7	7.7	4.6	0.0	446.0	445.4	459.4	438.3	384.0	.
Netherlands	1511	1468	14.5	49.2	25.1	11.2	2.8	0.0	587.3	584.7	581.2	575.0	560.7	.
Norway	1640	1602	25.9	43.8	19.1	11.2	2.4	0.0	541.1	539.7	535.0	503.8	492.5	.
Russian Federation	3166	3109	54.6	35.6	6.3	3.5	1.9	0.0	529.2	515.7	512.2	493.0	479.7	.
Slovenia	1097	1085	26.6	46.8	16.9	9.7	1.2	0.0	540.4	533.7	533.9	531.4	506.1	.
Sweden	2291	2244	26.8	44.3	15.3	13.6	2.1	0.0	505.6	500.3	498.9	469.9	476.6	.
International Avg.	1832	1773	33.9	41.3	14.0	10.8	4.2	0.0	501.1	501.5	499.0	483.6	480.0	.

Question : Students' Reasons for Studying Physics - Advice from Others
Location : DERIVED (PSDPAFO)

Country	Sample	Valid N	1. VERY IMPORTA NT %	2. IMPORTA NT %	3. UNIMPOR TANT %	4. VERY UNIMPOR TANT %	MISSING %	NOT ADMINIS TERED %	1. VERY IMPORTA NT Mean	2. IMPORTA NT Mean	3. UNIMPOR TANT Mean	4. VERY UNIMPOR TANT Mean	MISSING Mean	NOT ADMINIS TERED Mean
Armenia	894	712	9.9	44.9	28.4	16.8	19.5	0.0	490.7	494.7	498.7	477.3	505.1	.
Iran, Islamic Rep. of	2434	2389	3.7	22.3	32.3	41.6	1.5	0.0	380.4	418.2	449.9	497.5	446.2	.
Italy	1861	1861	1.4	8.6	26.8	63.2	0.0	0.0	433.0	406.4	417.0	426.3	.	.
Lebanon	1595	1555	4.4	24.3	35.1	36.1	2.4	0.0	392.7	427.0	447.7	461.4	372.9	.
Netherlands	1511	1471	0.2	11.3	51.6	36.9	2.6	0.0	576.4	581.3	582.2	585.1	559.1	.
Norway	1640	1610	1.2	15.7	49.9	33.2	1.9	0.0	485.5	530.3	532.9	542.4	482.4	.
Russian Federation	3166	3148	1.8	23.9	47.6	26.7	0.6	0.0	561.9	528.7	525.3	506.1	455.0	.
Slovenia	1097	1091	0.8	8.0	42.0	49.3	0.6	0.0	533.1	516.3	534.9	538.8	470.7	.
Sweden	2291	2272	0.6	10.8	39.6	49.1	0.9	0.0	406.2	461.8	501.5	502.2	486.9	.
International Avg.	1832	1790	2.7	18.9	39.3	39.2	3.3	0.0	473.3	485.0	498.9	504.1	472.3	.

Question : Frequency of Calculator Use During the TIMSS Physics Test
Location : DERIVED (PSDGUSCA)

Country	Sample	Valid N	1.	2.	3.	4. DID	MISSING	NOT	1.	2.	3.	4. DID	MISSING	NOT
			QUITE A LOT %	SOMEWHA T %	VERY LITTLE %	USE A CALCULA TOR %		ADMINIS TERED %			VERY LITTLE Mean	USE A CALCULA TOR Mean		ADMINIS TERED Mean
Armenia	894	580	3.8	12.4	28.0	55.8	33.8	0.0	496.6	564.0	522.6	467.2	493.2	.
Iran, Islamic Rep. of	2434	2305	0.6	4.8	43.9	50.7	5.3	0.0	433.2	453.7	472.0	452.8	436.3	.
Italy	1861	1843	2.0	20.2	50.2	27.5	0.8	0.0	461.5	453.1	425.4	390.0	448.7	.
Lebanon	1595	1471	2.1	19.9	64.3	13.7	7.6	0.0	434.6	459.3	452.1	401.1	411.2	.
Netherlands	1511	1416	7.8	42.9	46.8	2.6	6.1	0.0	585.7	583.7	586.1	556.5	555.1	.
Norway	1640	1610	3.2	29.5	60.5	6.8	1.8	0.0	564.2	549.4	533.1	468.3	514.1	.
Russian Federation	3166	3086	2.2	18.9	51.8	27.1	2.7	0.0	571.7	543.9	535.7	471.6	540.3	.
Slovenia	1097	1073	7.1	38.4	47.6	6.9	2.2	0.0	565.3	552.0	525.2	484.9	508.0	.
Sweden	2291	2240	2.7	23.4	60.9	13.0	2.4	0.0	510.1	529.5	498.2	436.2	462.6	.
International Avg.	1832	1736	3.5	23.4	50.4	22.7	7.0	0.0	513.7	521.0	505.6	458.7	485.5	.