

## Appendix 2: Tables of the common values for case studies

Table A2.1: Residential volumes

Country	Mean (m <sup>3</sup> )	SD (m <sup>3</sup> )	Surrogate Country
Albania	192	105	
Austria	215	93	
Belgium	251	104	Germany
Bulgaria	244	84	Greece
Cyprus	244	84	Greece
Czech Republic	222	109	
Denmark	302	130	
Estonia	222	109	Czech Republic
Finland	243	144	
France	250	110	
Germany	251	104	
Greece	244	84	
Hungary	225	100	
Iceland	312	145	Norway
Ireland	216	65	
Italy	270	98	
Latvia	222	109	Czech Republic
Lithuania	222	109	Czech Republic
Luxembourg	251	104	Germany
Malta	270	98	Italy
Norway	312	145	Germany
Netherlands	251	104	
Poland	139	161	
Portugal	270	98	Italy
Romania	222	109	Czech Republic
Slovakia	222	109	Czech Republic
Slovenia	226	113	
Spain	270	98	Italy
Sweden	312	145	Norway
Switzerland	251	104	Germany
UK	216	65	Ireland

Table A2.2: Workplace volumes

Country	Mean (m <sup>3</sup> )	SD (m <sup>3</sup> )	Comments (source: HEIMSTA project)
Albania	1,252	1,866	Used data from Check Republic
Austria	1,895	601	
Belgium	2,598	919	
Bulgaria	2,063	322	*construction permits
Cyprus	1,371	948	*construction permits
Czech Republic	1,252	1,866	*construction permits, sd extrapolated
Denmark	2,921	868	
Estonia	4,188	3,053	
Finland	2,735	1,764	
France	3,279	1,866	*extrapolated
Germany	2,187	1,866	*sd extrapolated
Greece	5,616	5,855	
Hungary	1,011	1,866	*construction permits, sd extrapolated
Iceland	3,279	1,866	*extrapolated
Ireland	1,939	1,269	*construction permits
Italy	3,279	1,866	*extrapolated
Latvia	6,814	2,666	*construction permits
Lithuania	4,193	2,749	Construction permits
Luxembourg	3,279	1,866	*extrapolated
Malta	3,279	1,866	*extrapolated
Netherlands	2,424	343	*offices only
Norway	3,279	1,866	*extrapolated
Poland	8,263	5,211	*Construction activities
Portugal	3,279	1,866	*extrapolated
Romania	3,279	1,866	*extrapolated
Slovakia	3,279	1,866	*extrapolated
Slovenia	3,381	1,879	*extrapolated
Spain	3,702	1,701	
Sweden	3,016	1,959	*construction permits
Switzerland	3,279	1,866	*extrapolated
UK	4,016	4,539	

Table A2.3: Residential air exchange rate

Country	Mean (h <sup>-1</sup> )	SD (h <sup>-1</sup> )
Albania	0.75	0.43
Austria	0.83	0.46
Belgium	0.83	0.46
Bulgaria	1.29	1.09
Cyprus	1.29	1.09
Czech Republic	0.75	0.43
Denmark	0.81	0.85
Estonia	0.75	0.43
Finland	0.81	0.85
France	1.01	0.81
Germany	0.83	0.46
Grecia	1.29	1.09
Hungary	0.75	0.43
Iceland	0.81	0.85
Ireland	0.56	0.25
Italy	1.29	1.09
Latvia	0.75	0.43
Lithuania	0.75	0.43
Luxembourg	0.83	0.46
Malta	1.29	1.09
Netherlands	0.83	0.46
Norway	0.81	0.85
Poland	0.75	0.43
Portugal	1.29	1.09
Romania	0.75	0.43
Slovakia	0.75	0.43
Slovenia	0.75	0.43
Spain	1.29	1.09
Sweden	0.81	0.85
Switzerland	0.83	0.46
United Kingdom	0.56	0.25

Table A2.4: Workplace air exchange rate

Country	Mean (h <sup>-1</sup> )	SD (h <sup>-1</sup> )	comments
Albania	1.1	1.2	estimated
Austria	1.1	1.2	estimated
Belgium	1.1	1.2	estimated
Bulgaria	1.1	1.2	estimated
Cyprus	1.1	1.2	estimated
Czech Republic	1.1	1.2	estimated
Denmark	1.2		HEIMSTA
Estonia	1.1	1.2	estimated
Finland	1.5	2.0	HEIMSTA
France	1.1	1.2	estimated
Germany	1.1	1.2	estimated
Grecia	1.1	1.2	estimated
Hungary	1.1	1.2	estimated
Iceland	1.1	1.2	estimated
Ireland	1.1	1.2	estimated
Italy	1.1	1.2	estimated
Latvia	1.1	1.2	estimated
Lithuania	1.1	1.2	estimated
Luxembourg	1.1	1.2	estimated
Malta	1.1	1.2	estimated
Netherlands	2.0	2.5	HEIMSTA
Norway	1.1	1.2	estimated
Poland	1.1	1.2	estimated
Portugal	1.1	1.2	estimated
Romania	1.1	1.2	estimated
Slovakia	1.1	1.2	estimated
Slovenia	1.1	1.2	estimated
Spain	1.1	1.2	estimated
Sweden	1.5	1.0	HEIMSTA
Switzerland	1.1	1.2	estimated
United Kingdom	1.2	0.4	HEIMSTA

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Table A2.5: Body weight

Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Albania	0-1	Female	1991	7.7	1.9	Bulgaria		
Albania	0-1	Male	1991	8.2	2.0	Bulgaria		
Austria	0-1	Female	1999	6.7	2.4	Germany		
Austria	0-1	Male	1999	7.2	2.6	Germany		
Belgium	0-1	Female	2004	7.3	0.9		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds	
Belgium	0-1	Male	2004	7.8	1.0		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds	
Bulgaria	0-1	Female	1991	7.7	1.9			
Bulgaria	0-1	Male	1991	8.2	2.0			
Cyprus	0-1	Female	1991	7.7	1.9	Bulgaria		
Cyprus	0-1	Male	1991	8.2	2.0	Bulgaria		
Czech Republic	0-1	Female	1991	7.7	1.9	Bulgaria		
Czech Republic	0-1	Male	1991	8.2	2.0	Bulgaria		
Denmark	0-1	Female	1994	7.6	2.2			
Denmark	0-1	Male	1994	8.6	2.0			assumed 1 more kg than baby girls
Estonia	0-1	Female	1991	7.7	1.9	Bulgaria		
Estonia	0-1	Male	1991	8.2	2.0	Bulgaria		
Finland	0-1	Female	1999	7.4	2.2			
Finland	0-1	Male	1999	7.8	2.3			
France	0-1	Female	2004	7.3	0.9	Belgium		
France	0-1	Male	2004	7.8	1.0	Belgium		
Germany	0-1	Female	1999	6.7	2.4			
Germany	0-1	Male	1999	7.2	2.6			
Greece	0-1	Female	1991	5.8	2.2	Spain		
Greece	0-1	Male	1991	6.3	2.5	Spain		
Hungary	0-1	Female	1999	6.7	2.4	Germany		
Hungary	0-1	Male	1999	7.2	2.6	Germany		
Iceland	0-1	Female	2000	7.0	2.6			
Iceland	0-1	Male	2000	7.7	2.9			

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Ireland	0-1	Female	1999	6.7	2.4	Germany		
Ireland	0-1	Male	1999	7.2	2.6	Germany		
Italy	0-1	Female	1991	5.8	2.2	Spain		
Italy	0-1	Male	1991	6.3	2.5	Spain		
Latvia	0-1	Female	1999	6.7	2.4	Germany		
Latvia	0-1	Male	1999	7.2	2.6	Germany		
Lithuania	0-1	Female	1999	6.7	2.4	Germany		
Lithuania	0-1	Male	1999	7.2	2.6	Germany		
Luxembourg	0-1	Female	1999	6.7	2.4	Germany		
Luxembourg	0-1	Male	1999	7.2	2.6	Germany		
Malta	0-1	Female	1991	5.8	2.2	Spain		
Malta	0-1	Male	1991	6.3	2.5	Spain		
Netherlands	0-1	Female	1999	6.7	2.4	Germany		
Netherlands	0-1	Male	1999	7.2	2.6	Germany		
Norway	0-1	Female	1999	6.7	2.4	Sweden		
Norway	0-1	Male	1999	7.2	2.6	Sweden		
Poland	0-1	Female	1999	6.7	2.4	Germany		
Poland	0-1	Male	1999	7.2	2.6	Germany		
Portugal	0-1	Female	1991	5.8	2.2	Spain		
Portugal	0-1	Male	1991	6.3	2.5	Spain		
Romania	0-1	Female	1991	7.7	1.9	Bulgaria		
Romania	0-1	Male	1991	8.2	2.0	Bulgaria		
Slovakia	0-1	Female	1991	7.7	1.9	Bulgaria		
Slovakia	0-1	Male	1991	8.2	2.0	Bulgaria		
Slovenia	0-1	Female	1991	7.7	1.9	Bulgaria		
Slovenia	0-1	Male	1991	8.2	2.0	Bulgaria		
Spain	0-1	Female	1991	5.8	2.2			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Spain	0-1	Male	1991	6.3	2.5			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Sweden	0-1	Female	1999	6.7	2.4			
Sweden	0-1	Male	1999	7.2	2.6			
Switzerland	0-1	Female	1999	6.7	2.4	Germany		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Switzerland	0-1	Male	1999	7.2	2.6	Germany		
UK	0-1	Female	1999	6.7	2.4	Germany		
UK	0-1	Male	1999	7.2	2.6	Germany		
Albania	1-2	Female	1991	11.7	0.7	Bulgaria		
Albania	1-2	Male	1991	12.2	0.7	Bulgaria		
Austria	1-2	Female	1999	10.8	0.9	Germany		
Austria	1-2	Male	1999	11.4	0.9	Germany		
				10.9	*			<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds
Belgium	1-2	Female	1999	11.5	*			<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds
Belgium	1-2	Male	1999					
Bulgaria	1-2	Female	1991	11.7	0.7			
Bulgaria	1-2	Male	1991	12.2	0.7			
Cyprus	1-2	Female	1991	11.7	0.7	Bulgaria		
Cyprus	1-2	Male	1991	12.2	0.7	Bulgaria		
Czech Republic	1-2	Female	1991	11.7	0.7	Bulgaria		
Czech Republic	1-2	Male	1991	12.2	0.7	Bulgaria		
Denmark	1-2	Female	1985	11.8	*	Sweden		
Denmark	1-2	Male	1985	12.3	*	Sweden		
Estonia	1-2	Female	1991	11.7	0.7	Bulgaria		
Estonia	1-2	Male	1991	12.2	0.7	Bulgaria		
Finland	1-2	Female	1999	11.4	0.8			
Finland	1-2	Male	1999	11.9	0.8			
France	1-2	Female	1999	10.9	0.9	Belgium		
France	1-2	Male	1999	11.5	0.9	Belgium		
Germany	1-2	Female	1999	10.8	0.9			
Germany	1-2	Male	1999	11.4	0.9			
Greece	1-2	Female	1991	11.7	0.7	Bulgaria		
Greece	1-2	Male	1991	12.2	0.7	Bulgaria		
Hungary	1-2	Female	1999	10.8	0.9	Germany		
Hungary	1-2	Male	1999	11.4	0.9	Germany		
Iceland	1-2	Female	1985	11.8	*	Sweden		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Iceland	1-2	Male	1985	12.3	*	Sweden		
Ireland	1-2	Female	1999	11.9	1.6	UK		
Ireland	1-2	Male	1999	12.6	1.6	UK		
Italy	1-2	Female	1991	11.7	0.7	Bulgaria		
Italy	1-2	Male	1991	12.2	0.7	Bulgaria		
Latvia	1-2	Female	1991	11.7	0.7	Bulgaria		
Latvia	1-2	Male	1991	12.2	0.7	Bulgaria		
Lithuania	1-2	Female	1991	11.7	0.7	Bulgaria		
Lithuania	1-2	Male	1991	12.2	0.7	Bulgaria		
Luxembourg	1-2	Female	1999	10.8	0.9	Germany		
Luxembourg	1-2	Male	1999	11.4	0.9	Germany		
Malta	1-2	Female	1991	11.7	0.7	Bulgaria		
Malta	1-2	Male	1991	12.2	0.7	Bulgaria		
Netherlands	1-2	Female	1999	10.8	0.9	Germany		
Netherlands	1-2	Male	1999	11.4	0.9	Germany		
Norway	1-2	Female	1985	11.8	*	Sweden		
Norway	1-2	Male	1985	12.3	*	Sweden		
Poland	1-2	Female	1999	10.8	0.9	Germany		
Poland	1-2	Male	1999	11.4	0.9	Germany		
Portugal	1-2	Female	1999	10.8	0.9	Germany		
Portugal	1-2	Male	1999	11.4	0.9	Germany		
Romania	1-2	Female	1991	11.7	0.7	Bulgaria		
Romania	1-2	Male	1991	12.2	0.7	Bulgaria		
Slovakia	1-2	Female	1991	11.7	0.7	Bulgaria		
Slovakia	1-2	Male	1991	12.2	0.7	Bulgaria		
Slovenia	1-2	Female	1991	11.7	0.7	Bulgaria		
Slovenia	1-2	Male	1991	12.2	0.7	Bulgaria		
Spain	1-2	Female	1999	10.8	0.9	Germany		
Spain	1-2	Male	1999	11.4	0.9	Germany		
Sweden	1-2	Female	1985	11.8	*			
Sweden	1-2	Male	1985	12.3	*			
Switzerland	1-2	Female	1999	10.8	0.9	Germany		
Switzerland	1-2	Male	1999	11.4	0.9	Germany		
UK	1-2	Female	1999	11.9	1.6			1.5-2.5 months



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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
UK	1-2	Male	1999	12.6	1.6			1.5-2.5 months
Albania	3-8	Female	1995	20.1	4.4	Czech Republic		
Albania	3-8	Male	1995	20.5	4.5	Czech Republic		
Austria	3-8	Female	1999	20.0	4.0	Germany		
Austria	3-8	Male	1999	20.3	4.1	Germany		
Belgium	3-8	Female	2004	19.5	3.2		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds	
Belgium	3-8	Male	2004	20.0	3.2		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds	
Bulgaria	3-8	Female	1992	21.7	3.5			Age group 4-8
Bulgaria	3-8	Male	1992	22.1	3.5			Age group 4-8
Cyprus	3-8	Female	1999-00	22.7	5.3	Italy		
Cyprus	3-8	Male	1999-00	23.3	5.3	Italy		
Czech Republic	3-8	Female	1995	20.1	4.4			
Czech Republic	3-8	Male	1995	20.5	4.5			
Denmark	3-8	Female	1999	20.0	4.0	Germany		
Denmark	3-8	Male	1999	20.3	4.1	Germany		
Estonia	3-8	Female	1999-00	22.7	5.3	Italy		
Estonia	3-8	Male	1999-00	23.3	5.3	Italy		
Finland	3-8	Female	1999	20.0	4.0	Germany		
Finland	3-8	Male	1999	20.3	4.1	Germany		
France	3-8	2004	19.5	3.2	9.0	Belgium		
France	3-8	2004	20.0	3.2	8.0	Belgium		
Germany	3-8	Female	1999	20.0	4.0			
Germany	3-8	Male	1999	20.3	4.1			
Greece	3-8	Female	1999-00	22.7	5.3	Italy		
Greece	3-8	Male	1999-00	23.3	5.3	Italy		
Hungary	3-8	Female	1993	19.2	4.8			
Hungary	3-8	Male	1993	19.5	4.6			
Iceland	3-8	Female	1999	20.0	4.0	Germany		
Iceland	3-8	Male	1999	20.3	4.1	Germany		
Ireland	3-8	Female	1999	22.0	4.8	UK		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Ireland	3-8	Male	1999	22.2	4.7	UK		
Italy	3-8	Female	1999-00	22.7	5.3			
Italy	3-8	Male	1999-00	23.3	5.3			
Latvia	3-8	Female	1995	20.1	4.4	Czech Republic		
Latvia	3-8	Male	1995	20.5	4.5	Czech Republic		
Lithuania	3-8	Female	1995	20.1	4.4	Czech Republic		
Lithuania	3-8	Male	1995	20.5	4.5	Czech Republic		
Luxembourg	3-8	Female	1999	20.0	4.0	Germany		
Luxembourg	3-8	Male	1999	20.3	4.1	Germany		
Malta	3-8	Female	1999-00	22.7	5.3	Italy		
Malta	3-8	Male	1999-00	23.3	5.3	Italy		
Netherlands	3-8	Female	1992-1993	20.6	7.6			
Netherlands	3-8	Male	1992-1993	20.9	1.4			
Norway	3-8	Female	1999	20.0	4.0	Germany		
Norway	3-8	Male	1999	20.3	4.1	Germany		
Poland	3-8	Female	1999	20.0	4.0	Germany		
Poland	3-8	Male	1999	20.3	4.1	Germany		
Portugal	3-8	Female	1991	21.9	9.0	Spain		
Portugal	3-8	Male	1991	21.9	8.0	Spain		
Romania	3-8	Female	1999-00	22.7	5.3	Italy		
Romania	3-8	Male	1999-00	23.3	5.3	Italy		
Slovakia	3-8	Female	1995	20.1	4.4			
Slovakia	3-8	Male	1995	20.5	4.5			
Slovenia	3-8	Female	1995	20.1	4.4	Slovakia		
Slovenia	3-8	Male	1995	20.5	4.5	Slovakia		
Spain	3-8	Female	1991	21.9	9.0			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Spain	3-8	Male	1991	21.9	8.0			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Sweden	3-8	Female	1999	20.0	4.0	Germany		
Sweden	3-8	Male	1999	20.3	4.1	Germany		
Switzerland	3-8	Female	1999	20.0	4.0	Germany		
Switzerland	3-8	Male	1999	20.3	4.1	Germany		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
UK	3-8	Female	1999	22.0	4.8			
UK	3-8	Male	1999	22.2	4.7			
Albania	09-14	Female	1995	40.6	7.9	Czech Republic		
Albania	09-14	Male	1995	39.6	6.9	Czech Republic		
Austria	09-14	Female	1999	40.3	11.0	Germany		
Austria	09-14	Male	1999	39.7	10.9	Germany		
Belgium	09-14	Female	2004	40.0	11.0			<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 11.5 year old children on growth curves instead of db including all stages in 9-14 year; SD: SD reflects SD body weight of 11.5 year olds
Belgium	09-14	Male	2004	38.5	10.8			<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 11.5 year old children on growth curves instead of db including all stages in 9-14 year; SD: SD reflects SD body weight of 11.5 year olds
Bulgaria	09-14	Female	1992, 2003	42.5	11.2			
Bulgaria	09-14	Male	1992, 2003	42.4	11.9			
Cyprus	09-14	Female	1999-2000	43.7	10.5	Italy		
Cyprus	09-14	Male	1999-2000	45.7	12.3	Italy		
Czech Republic	09-14	Female	1995	40.6	7.9			
Czech Republic	09-14	Male	1995	39.6	6.9			
Denmark	09-14	Female	1999	40.3	11.0	Germany		
Denmark	09-14	Male	1999	39.7	10.9	Germany		
Estonia	09-14	Female	1995	40.6	7.9	Czech Republic		
Estonia	09-14	Male	1995	39.6	6.9	Czech Republic		
Finland	09-14	Female	1999	40.3	11.0	Germany		
Finland	09-14	Male	1999	39.7	10.9	Germany		
France	09-14	Female	2004	40.0	11.0	Belgium		
France	09-14	Male	2004	38.5	10.8	Belgium		
Germany	09-14	Female	1999	40.3	11.0			
Germany	09-14	Male	1999	39.7	10.9			
Greece	09-14	Female	1999-2000	43.7	10.5	Italy		
Greece	09-14	Male	1999-2000	45.7	12.3	Italy		
Hungary	09-14	Female	1993	38.9	11.5			
Hungary	09-14	Male	1993	38.8	12.0			
Iceland	09-14	Female	1999	40.3	11.0	Germany		
Iceland	09-14	Male	1999	39.7	10.9	Germany		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Ireland	09-14	Female	1998	45.3	8.3	UK		
Ireland	09-14	Male	1998	43.6	9.7	UK		
Italy	09-14	Female	1999-2000	43.7	10.5			
Italy	09-14	Male	1999-2000	45.7	12.3			
Latvia	09-14	Female	1995	40.6	7.9	Czech Republic		
Latvia	09-14	Male	1995	39.6	6.9	Czech Republic		
Lithuania	09-14	Female	1995	40.0	10.7			
Lithuania	09-14	Male	1995	40.1	10.0			
Luxembourg	09-14	Female	1999	40.3	11.0	Germany		
Luxembourg	09-14	Male	1999	39.7	10.9	Germany		
Malta	09-14	Female	1999-2000	43.7	10.5	Italy		
Malta	09-14	Male	1999-2000	45.7	12.3	Italy		
Netherlands	09-14	Female	1992-1993	42.9	9.2			RIVM-Data for ConsExpo
Netherlands	09-14	Male	1992-1993	41.9	8.9			RIVM-Data for ConsExpo
Norway	09-14	Female	1999	40.3	11.0	Germany		
Norway	09-14	Male	1999	39.7	10.9	Germany		
Poland	09-14	Female	1995	40.6	7.9	Czech Republic		
Poland	09-14	Male	1995	39.6	6.9	Czech Republic		
Portugal	09-14	Female	1999-2000	43.7	10.5	Italy		
Portugal	09-14	Male	1999-2000	45.7	12.3	Italy		
Romania	09-14	Female	1995	40.6	7.9	Czech Republic		
Romania	09-14	Male	1995	39.6	6.9	Czech Republic		
Slovakia	09-14	Female	1995	40.6	7.9	Czech Republic		
Slovakia	09-14	Male	1995	39.6	6.9	Czech Republic		
Slovenia	09-14	Female	1995	40.6	7.9	Czech Republic		
Slovenia	09-14	Male	1995	39.6	6.9	Czech Republic		
Spain	09-14	Female	1999-2000	43.7	10.5	Italy		
Spain	09-14	Male	1999-2000	45.7	12.3	Italy		
Sweden	09-14	Female	1999	40.3	11.0	Germany		
Sweden	09-14	Male	1999	39.7	10.9	Germany		
Switzerland	09-14	Female	1999	40.3	11.0	Germany		
Switzerland	09-14	Male	1999	39.7	10.9	Germany		
UK	09-14	Female	1998	45.3	8.3			
UK	09-14	Male	1998	43.6	9.7			

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Albania	15-64	Female	1995	67.6	5.9	Czech Republic		
Albania	15-64	Male	1995	82.0	4.4	Czech Republic		
Austria	15-64	Female	1999	64.3	12.3	Germany		
Austria	15-64	Male	1999	75.8	13.5	Germany		
Belgium	15-64	Female	1996	64.0	3.6			Age group 18-75
Belgium	15-64	Male	1996	76.2	4.4			Age group 18-75
Bulgaria	15-64	Female	1992, 2003	63.9	11.7			Age group is 15-70
Bulgaria	15-64	Male	1992, 2003	73.3	11.5			Age group is 15-70
Cyprus	15-64	Female	1999-2000	60.8	11.1	Italy		
Cyprus	15-64	Male	1999-2000	72.8	11.7	Italy		
Czech Republic	15-64	Female	1995	67.6	5.9			
Czech Republic	15-64	Male	1995	82.0	4.4			
Denmark	15-64	Female	1996	65.0	1.9			
Denmark	15-64	Male	1996	79.9	1.9			
Estonia	15-64	Female	2002	67.6	5.9	Czech Republic		
Estonia	15-64	Male	2002	82.0	4.4	Czech Republic		
Finland	15-64	Female	2002	66.4	12.6			
Finland	15-64	Male	2002	81.2	13.8			
France	15-64	Female	1996	61.0	3.2			
France	15-64	Male	1996	74.8	2.7			
Germany	15-64	Female	1999	64.3	12.3			Age group 15-79
Germany	15-64	Male	1999	75.8	13.5			Age group 15-79
Greece	15-64	Female	1996	66.4	5.1			
Greece	15-64	Male	1996	78.6	3.0			
Hungary	15-64	Female	1993	58.2	12.1			Age group 15-75
Hungary	15-64	Male	1993	68.0	13.6			Age group 15-75
Iceland	15-64	Female	2002	66.4	12.6	Finland		
Iceland	15-64	Male	2002	81.2	13.8	Finland		
Ireland	15-64	Female	2000	67.8	12.6			Age group 18-94
Ireland	15-64	Male	2000	83.0	13.2			Age group 18-94
Italy	15-64	Female	1999-2000	60.8	11.1			Age group 15-95
Italy	15-64	Male	1999-2000	72.8	11.7			Age group 15-95
Latvia	15-64	Female	2002	67.6	5.9	Czech Republic		
Latvia	15-64	Male	2002	82.0	4.4	Czech Republic		

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Country of observation	Age	Gender	Year	Mean (Kg)	SD	Surrogate country	Data source if different from KMS	Comments
Lithuania	15-64	Female	1995, 2002	65.8	13.3			
Lithuania	15-64	Male	1995, 2002	77.4	15.3			
Luxembourg	15-64	Female	1999	64.3	12.3	Germany		
Luxembourg	15-64	Male	1999	75.8	13.5	Germany		
Malta	15-64	Female	1999-2000	60.8	11.1	Italy		
Malta	15-64	Male	1999-2000	72.8	11.7	Italy		
Netherlands	15-64	Female	1999	64.3	12.3	Germany		
Netherlands	15-64	Male	1999	75.8	13.5	Germany		
Norway	15-64	Female	2002	66.4	12.6	Finland		
Norway	15-64	Male	2002	81.2	13.8	Finland		
Poland	15-64	Female	2002	67.6	5.9	Czech Republic		
Poland	15-64	Male	2002	82.0	4.4	Czech Republic		
Portugal	15-64	Female	1996	62.5	5.1	Spain		
Portugal	15-64	Male	1996	75.7	2.6	Spain		
Romania	15-64	Female	2002	67.6	5.9	Czech Republic		
Romania	15-64	Male	2002	82.0	4.4	Czech Republic		
Slovakia	15-64	Female	2002	67.6	5.9	Czech Republic		
Slovakia	15-64	Male	2002	82.0	4.4	Czech Republic		
Slovenia	15-64	Female	2002	67.6	5.9	Czech Republic		
Slovenia	15-64	Male	2002	82.0	4.4	Czech Republic		
Spain	15-64	Female	1996	62.5	5.1			
Spain	15-64	Male	1996	75.7	2.6			
Sweden	15-64	Female	2000	65.9	2.8			Age group 16-64
Sweden	15-64	Male	2000	80.9	3.4			Age group 16-64
Switzerland	15-64	Female	1999	64.3	12.3	Germany		Age group 15-65
Switzerland	15-64	Male	1999	75.8	13.5	Germany		Age group 15-65
UK	15-64	Female	2000	67.8	12.6	Ireland		Age group > 16 only english population
UK	15-64	Male	2000	83.0	13.2	Ireland		Age group > 16 only english population

Data source unless otherwise indicated:

<http://expofacts.irc.ec.europa.eu/>

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Table A2:6 Body length

Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Albania	0-1	Female	1991	71.0	9.6	Bulgaria		
Albania	0-1	Male	1991	72.4	9.6	Bulgaria		
Austria	0-1	Female	1999	72.2	11.7	Germany		
Austria	0-1	Male	1999	73.4	11.7	Germany		
Belgium	0-1	Female	2004	66.0	2.5		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 6m old babys on growth curves instead of db including all stages in 0-1 year; SD: SD reflects SD body weight of 6m olds	
Belgium	0-1	Male	2004	67.0	2.8		<a href="http://www.vub.ac.be/groeicurven/english.html">http://www.vub.ac.be/groeicurven/english.html</a> ; remark: data derived from 6m old babys on growth curves instead of db including all stages in 0-1 year; SD: SD reflects SD body weight of 6m olds	
Bulgaria	0-1	Female	1991	71.0	9.6			
Bulgaria	0-1	Male	1991	72.4	9.6			
Cyprus	0-1	Female	1991	71.0	9.6	Bulgaria		
Cyprus	0-1	Male	1991	72.4	9.6	Bulgaria		
Czech Republic	0-1	Female	1991	71.0	9.6	Bulgaria		
Czech Republic	0-1	Male	1994	72.4	9.6	Bulgaria		
Denmark	0-1	Female	1994	65.7	8.0			assumed girls are 1cm shorter than boys
Denmark	0-1	Male	1994	66.7	8.0			
Estonia	0-1	Female	1991	71.0	9.6	Bulgaria		
Estonia	0-1	Male	1991	72.4	9.6	Bulgaria		
Finland	0-1	Female	1999	73.3	10.8			
Finland	0-1	Male	1999	74.7	10.5			
France	0-1	Female	2004	66.0	2.5	Belgium		
France	0-1	Male	2004	67.0	2.8	Belgium		
Germany	0-1	Female	1999	72.2	11.7			
Germany	0-1	Male	1999	73.4	11.7			
Greece	0-1	Female	1991	59.2	9.0	Spain		
Greece	0-1	Male	1991	60.4	9.4	Spain		
Hungary	0-1	Female	1999	72.2	11.7	Germany		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Hungary	0-1	Male	1999	73.4	11.7	Germany		
Iceland	0-1	Female	1999	73.3	10.8			
Iceland	0-1	Male	1999	74.7	10.5			
Ireland	0-1	Female	1999	72.2	11.7	Germany		
Ireland	0-1	Male	1999	73.4	11.7	Germany		
Italy	0-1	Female	1991	59.2	9.0	Spain		
Italy	0-1	Male	1991	60.4	9.4	Spain		
Latvia	0-1	Female	1999	72.2	11.7	Germany		
Latvia	0-1	Male	1999	73.4	11.7	Germany		
Lithuania	0-1	Female	1999	72.2	11.7	Germany		
Lithuania	0-1	Male	1999	73.4	11.7	Germany		
Luxembourg	0-1	Female	1999	72.2	11.7	Germany		
Luxembourg	0-1	Male	1999	73.4	11.7	Germany		
Malta	0-1	Female	1991	59.2	9.0	Spain		
Malta	0-1	Male	1991	60.4	9.4	Spain		
Netherlands	0-1	Female	1997	68.8	8.8			Age group: 1.5 to 13.5 months
Netherlands	0-1	Male	1997	70.3	8.8			Age group: 1.5 to 13.5 months
Norway	0-1	Female	1985	67.0	10.4	Sweden		
Norway	0-1	Male	1985	68.0	10.4	Sweden		
Poland	0-1	Female	1999	72.2	11.7	Germany		
Poland	0-1	Male	1999	73.4	11.7	Germany		
Portugal	0-1	Female	1991	59.2	9.0	Spain		
Portugal	0-1	Male	1991	60.4	9.4	Spain		
Romania	0-1	Female	1991	71.0	9.6	Bulgaria		
Romania	0-1	Male	1991	72.4	9.6	Bulgaria		
Slovakia	0-1	Female	1991	71.0	9.6	Bulgaria		
Slovakia	0-1	Male	1991	72.4	9.6	Bulgaria		
Slovenia	0-1	Female	1991	71.0	9.6	Bulgaria		
Slovenia	0-1	Male	1991	72.4	9.6	Bulgaria		
Spain	0-1	Female	1991	59.2	9.0			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Spain	0-1	Male	1991	60.4	9.4			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17



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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Sweden	0-1	Female	1985	67.0	10.4			
Sweden	0-1	Male	1985	68.0	10.4			assumed 1 cm longer than males
Switzerland	0-1	Female	1999	72.2	11.7	Germany		
Switzerland	0-1	Male	1999	73.4	11.7	Germany		
UK	0-1	Female	1999	72.2	11.7	Germany		
UK	0-1	Male	1999	73.4	11.7	Germany		
Albania	1-2	Female	1991	83.5	3.4	Bulgaria		
Albania	1-2	Male	1991	84.6	3.2	Bulgaria		
Austria	1-2	Female	1999	81.9	3.5	Germany		
Austria	1-2	Male	1999	83.0	3.5	Germany		
Belgium	1-2	Female	2005	86.8	3.3		<a href="http://www.dinbelg.be/2yearsgirls.htm">http://www.dinbelg.be/2yearsgirls.htm</a>	
Belgium	1-2	Male	2005	88.0	3.2		<a href="http://www.dinbelg.be/2yearsboys.htm">http://www.dinbelg.be/2yearsboys.htm</a>	
Bulgaria	1-2	Female	1991	83.5	3.4			
Bulgaria	1-2	Male	1991	84.6	3.2			
Cyprus	1-2	Female	1991	83.5	3.4	Bulgaria		
Cyprus	1-2	Male	1991	84.6	3.2	Bulgaria		
Czech Republic	1-2	Female	1991	83.5	3.4			
Czech Republic	1-2	Male	1991	84.6	3.2	Bulgaria		
Denmark	1-2	Female	1985	83.1	*	Sweden		
Denmark	1-2	Male	1985	84.3	*	Sweden		
Estonia	1-2	Female	1991	83.5	3.4	Bulgaria		
Estonia	1-2	Male	1991	84.6	3.2	Bulgaria		
Finland	1-2	Female	1999	82.4	2.9			
Finland	1-2	Male	1999	83.2	3.4			
France	1-2	Female	2005	86.8	3.3	Belgium		
France	1-2	Male	2005	88.0	3.2	Belgium		
Germany	1-2	Female	1999	81.9	3.5			
Germany	1-2	Male	1999	83.0	3.5			
Greece	1-2	Female	1991	83.5	3.4	Bulgaria		
Greece	1-2	Male	1991	84.6	3.2	Bulgaria		
Hungary	1-2	Female	1999	81.9	3.5	Germany		
Hungary	1-2	Male	1999	83.0	3.5	Germany		
Iceland	1-2	Female	1985	83.1	*	Sweden		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Iceland	1-2	Male	1985	84.3	*	Sweden		
Ireland	1-2	Female	1999	81.9	3.5	Germany		
Ireland	1-2	Male	1999	83.0	3.5	Germany		
Italy	1-2	Female	1991	83.5	3.4	Bulgaria		
Italy	1-2	Male	1991	84.6	3.2	Bulgaria		
Latvia	1-2	Female	1991	83.5	3.4	Bulgaria		
Latvia	1-2	Male	1991	84.6	3.2	Bulgaria		
Lithuania	1-2	Female	1991	83.5	3.4	Bulgaria		
Lithuania	1-2	Male	1991	84.6	3.2	Bulgaria		
Luxembourg	1-2	Female	1999	81.9	3.5	Germany		
Luxembourg	1-2	Male	1999	83.0	3.5	Germany		
Malta	1-2	Female	1991	83.5	3.4	Bulgaria		
Malta	1-2	Male	1991	84.6	3.2	Bulgaria		
Netherlands (8)	1-2	Female	1997	79.1	5.7			
Netherlands (8)	1-2	Male	1997	80.4	5.7			
Norway	1-2	Female	1985	83.1	*	Sweden		
Norway	1-2	Male	1985	84.3	*	Sweden		
Poland	1-2	Female	1999	81.9	3.5	Germany		
Poland	1-2	Male	1999	83.0	3.5	Germany		
Portugal	1-2	Female	1999	81.9	3.5	Germany		
Portugal	1-2	Male	1999	83.0	3.5	Germany		
Romania	1-2	Female	1991	83.5	3.4	Bulgaria		
Romania	1-2	Male	1991	84.6	3.2	Bulgaria		
Slovakia	1-2	Female	1991	83.5	3.4	Bulgaria		
Slovakia	1-2	Male	1991	84.6	3.2	Bulgaria		
Slovenia	1-2	Female	1991	83.5	3.4	Bulgaria		
Slovenia	1-2	Male	1991	84.6	3.2	Bulgaria		
Spain	1-2	Female	1999	81.9	3.5	Germany		
Spain	1-2	Male	1999	83.0	3.5	Germany		
Sweden	1-2	Female	1985	83.1	*			
Sweden	1-2	Male	1985	84.3	*			
Switzerland	1-2	Female	1999	81.9	3.5	Germany		
Switzerland	1-2	Male	1999	83.0	3.5	Germany		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
UK	1-2	Female	1999	81.9	3.5	Germany		
UK	1-2	Male	1999	83.0	3.5	Germany		
Albania	03-08	Female	1995	113.4	10.2	Czech Republic		
Albania	03-08	Male	1995	114.0	10.1	Czech Republic		
Austria	03-08	Female	1993	112.0	10.6	Germany		
Austria	03-08	Male	1993	112.4	10.6	Germany		
Belgium	03-08	Female	2004	112.0	4.5			<a href="http://www.vub.ac.be/groecurven/english.html">http://www.vub.ac.be/groecurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds
Belgium	03-08	Male	2004	114.0	4.5			<a href="http://www.vub.ac.be/groecurven/english.html">http://www.vub.ac.be/groecurven/english.html</a> ; remark: data derived from 5.5 year old children on growth curves instead of db including all stages in 3-8 year; SD: SD reflects SD body weight of 4.5 year olds
Bulgaria	03-08	Female	1991	112.5	10.5			
Bulgaria	03-08	Male	1991	113.2	10.4			
Cyprus	03-08	Female	*	115.4	12.7	Italy		
Cyprus	03-08	Male	*	116.7	12.5	Italy		
Czech Republic	03-08	Female	1995	113.4	10.2			
Czech Republic	03-08	Male	1995	114.0	10.1			
Denmark	03-08	Female	1999	112.8	11.3	Germany		
Denmark	03-08	Male	1999	113.3	11.2	Germany		
Estonia	03-08	Female	*	115.4	12.7	Italy		
Estonia	03-08	Male	*	116.7	12.5	Italy		
Finland	03-08	Female	1999	112.8	11.3	Germany		
Finland	03-08	Male	1999	113.3	11.2	Germany		
France	03-08	Female	2004	112.0	4.5	Belgium		
France	03-08	Male	2004	114.0	4.5	Belgium		
Germany	03-08	Female	1999	112.8	11.3			
Germany	03-08	Male	1999	113.3	11.2			
Greece	03-08	Female	*	115.4	12.7	Italy		
Greece	03-08	Male	*	116.7	12.5	Italy		
Hungary	03-08	Female	1993	112.0	10.6			
Hungary	03-08	Male	1993	112.4	10.6			

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Iceland	03-08	Female	1999	112.8	11.3	Germany		
Iceland	03-08	Male	1999	113.3	11.2	Germany		
Ireland	03-08	Female	1998	114.4	11.6	UK		
Ireland	03-08	Male	1998	115.0	11.6	UK		
Italy	03-08	Female	*	115.4	12.7			
Italy	03-08	Male	*	116.7	12.5			
Latvia	03-08	Female	1995	113.4	10.2	Czech Republic		
Latvia	03-08	Male	1995	114.0	10.1	Czech Republic		
Lithuania	03-08	Female	1995	113.4	10.2	Czech Republic		
Lithuania	03-08	Male	1995	114.0	10.1	Czech Republic		
Luxembourg	03-08	Female	1999	112.8	11.3	Germany		
Luxembourg	03-08	Male	1999	113.3	11.2	Germany		
Malta	03-08	Female	*	115.4	12.7	Italy		
Malta	03-08	Male	*	116.7	12.5	Italy		
Netherlands	03-08	Female	1997	114.6	12.9			Age group: 2.5-9.5
Netherlands	03-08	Male	1997	116.1	13.0			Age group: 2.5-9.5
Norway	03-08	Female	1999	112.8	11.3	Germany		
Norway	03-08	Male	1999	113.3	11.2	Germany		
Poland	03-08	Female	1999	112.8	11.3	Germany		
Poland	03-08	Male	1999	113.3	11.2	Germany		
Portugal	03-08	Female	94-00	107.7	17.4	Spain		
Portugal	03-08	Male	94-00	108.7	16.8	Spain		
Romania	03-08	Female	*	115.4	12.7	Italy		
Romania	03-08	Male	*	116.7	12.5	Italy		
Slovakia	03-08	Female	1995	113.4	10.2			
Slovakia	03-08	Male	1995	114.0	10.1			
Slovenia	03-08	Female	1995	113.4	10.2	Slovakia		
Slovenia	03-08	Male	1995	114.0	10.1	Slovakia		
Spain	03-08	Female	1994-2000	107.7	17.4			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Spain	03-08	Male	1994-2000	108.7	16.8			Morales Suarez Varela A, Flores DP, Ruiz Rojo E, Llopis A, Jiménez Lopez MC, Kogan MD. Rev Esp Nutr Comunitaria 2005;11(1):12-17
Sweden	03-08	Female	1999	112.8	11.3	Germany		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Sweden	03-08	Male	1999	113.3	11.2	Germany		
Switzerland	03-08	Female	1999	112.8	11.3	Germany		
Switzerland	03-08	Male	1999	113.3	11.2	Germany		
UK	03-08	Female	1998	114.4	11.6			
UK	03-08	Male	1998	115.0	11.6			
Albania	09-14	Female	1995	148.8	12.9	Czech Republic		
Albania	09-14	Male	1995	149.1	14.3	Czech Republic		
Austria	09-14	Female	1999	149.2	11.7	Germany		
Austria	09-14	Male	1999	148.9	12.5	Germany		
Belgium	09-14	Female	2004	149.0	6.5			<a href="http://www.vub.ac.be/groecurven/english.html">http://www.vub.ac.be/groecurven/english.html</a> ; remark: data derived from 11.5 year old children on growth curves instead of db including all stages in 9-14 year; SD: SD reflects SD body weight of 11.5 year olds
Belgium	09-14	Male	2004	150.0	6.7			<a href="http://www.vub.ac.be/groecurven/english.html">http://www.vub.ac.be/groecurven/english.html</a> ; remark: data derived from 11.5 year old children on growth curves instead of db including all stages in 9-14 year; SD: SD reflects SD body weight of 11.5 year olds
Bulgaria	09-14	Female	1992, 2003	148.9	10.5			
Bulgaria	09-14	Male	1992, 2003	149.5	12.7			
Cyprus	09-14	Female	1999-2000	150.9	12.8	Italy		
Cyprus	09-14	Male	1999-2000	151.9	14.5	Italy		
Czech Republic	09-14	Female	1995	148.8	12.9			
Czech Republic	09-14	Male	1995	149.1	14.3			
Denmark	09-14	Female	1999	149.2	11.7	Germany		
Denmark	09-14	Male	1999	148.9	12.5	Germany		
Estonia	09-14	Female	1995	148.8	12.9	Czech Republic		
Estonia	09-14	Male	1995	149.1	14.3	Czech Republic		
Finland	09-14	Female	1999	149.2	11.7	Germany		
Finland	09-14	Male	1999	148.9	12.5	Germany		
France	09-14	Female	2004	149.0	6.5	Belgium		
France	09-14	Male	2004	150.0	6.7	Belgium		
Germany	09-14	Female	1999	149.2	11.7			
Germany	09-14	Male	1999	148.9	12.5			
Greece	09-14	Female	1999-2000	150.9	12.8	Italy		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Greece	09-14	Male	1999-2000	151.9	14.5	Italy		
Hungary	09-14	Female	1993	146.8	12.2			
Hungary	09-14	Male	1993	147.2	13.0			
Iceland	09-14	Female	1999	149.2	11.7	Germany		
Iceland	09-14	Male	1999	148.9	12.5	Germany		
Ireland	09-14	Female	1999	149.8	9.7	UK		
Ireland	09-14	Male	1999	150.4	11.2	UK		
Italy	09-14	Female	1999-2000	150.9	12.8			
Italy	09-14	Male	1999-2000	151.9	14.5			
Latvia	09-14	Female	1995	148.8	12.9	Czech Republic		
Latvia	09-14	Male	1995	149.1	14.3	Czech Republic		
Lithuania	09-14	Female	1995	148.6	11.6			
Lithuania	09-14	Male	1995	149.4	11.9			
Luxembourg	09-14	Female	1999	149.2	11.7	Germany		
Luxembourg	09-14	Male	1999	148.9	12.5	Germany		
Malta	09-14	Female	1999-2000	150.9	12.8	Italy		
Malta	09-14	Male	1999-2000	151.9	14.5	Italy		
Netherlands	09-14	Female	1997	148.8	12.9			
Netherlands	09-14	Male	1997	149.1	14.3			
Norway	09-14	Female	1999	149.2	11.7	Germany		
Norway	09-14	Male	1999	148.9	12.5	Germany		
Poland	09-14	Female	1995	148.8	12.9	Czech Republic		
Poland	09-14	Male	1995	149.1	14.3	Czech Republic		
Portugal	09-14	Female	1999-2000	150.9	12.8	Italy		
Portugal	09-14	Male	1999-2000	151.9	14.5	Italy		
Romania	09-14	Female	1995	148.8	12.9	Czech Republic		
Romania	09-14	Male	1995	149.1	14.3	Czech Republic		
Slovakia	09-14	Female	1995	151.8	11.6			
Slovakia	09-14	Male	1995	152.1	12.5			
Slovenia	09-14	Female	1995	151.8	11.6	Slovakia		
Slovenia	09-14	Male	1995	152.1	12.5	Slovakia		
Spain	09-14	Female	1999-2000	150.9	12.8	Italy		
Spain	09-14	Male	1999-2000	151.9	14.5	Italy		
Sweden	09-14	Female	1999	149.2	11.7	Germany		

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Sweden	09-14	Male	1999	148.9	12.5	Germany		
Switzerland	09-14	Female	1999	149.2	11.7	Germany		
Switzerland	09-14	Male	1999	148.9	12.5	Germany		
UK	09-14	Female	1999	149.8	9.7		Childata: Assessment of the Validity of Data. Institute for Occupational Ergonomics, Nottingham 2001	
UK	09-14	Male	1999	150.4	11.2		Childata: Assessment of the Validity of Data. Institute for Occupational Ergonomics, Nottingham 2001	
Albania	15-64	Female	2002	165.7	1.8	Czech Republic		
Albania	15-64	Male	2002	178.3	2.0	Czech Republic		
Austria	15-64	Female	1999	163.1	6.5	Germany		
Austria	15-64	Male	1999	174.8	7.4	Germany		
Belgium	15-64	Female	2005	164.6	6.8		<a href="http://www.dinbelg.be/adultswomen.htm">http://www.dinbelg.be/adultswomen.htm</a>	Age group 18-75
Belgium	15-64	Male	2005	176.6	7.6		<a href="http://www.dinbelg.be/adultsmen.htm">http://www.dinbelg.be/adultsmen.htm</a>	Age group 18-75
Bulgaria	15-64	Female	1992, 2003	159.8	6.6			Age group is 15-70
Bulgaria	15-64	Male	1992, 2003	171.8	7.0			Age group is 15-70
Cyprus	15-64	Female	1999-2000	161.8	6.9	Italy		
Cyprus	15-64	Male	1999-2000	172.2	7.8	Italy		
Czech Republic	15-64	Female	2002	165.7	1.8			
Czech Republic	15-64	Male	2002	178.3	2.0			
Denmark	15-64	Female	1996	166.7	1.6			
Denmark	15-64	Male	1996	179.1	2.1			
Estonia	15-64	Female	2002	165.0	6.1			
Estonia	15-64	Male	2002	177.8	7.1			
Finland	15-64	Female	2002	165.0	6.0			
Finland	15-64	Male	2002	178.2	6.8			
France	15-64	Female	1996	163.4	1.3			
France	15-64	Male	1996	175.0	1.9			
Germany	15-64	Female	1999	163.1	6.5			Age group 15-79
Germany	15-64	Male	1999	174.8	7.4			Age group 15-79
Greece	15-64	Female	1996	163.1	1.7			
Greece	15-64	Male	1996	174.6	2.7			
Hungary	15-64	Female	1993	160.5	7.5			Age group 15-75

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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Hungary	15-64	Male	1993	172.1	8.5			Age group 15-75
Iceland	15-64	Female	2002	165.0	6.0	Finland		
Iceland	15-64	Male	2002	178.2	6.8	Finland		
Ireland	15-64	Female	2000	161.8	6.1			Age group 18-64
Ireland	15-64	Male	2000	175.0	6.9			Age group 18-64
Italy	15-64	Female	1999-2000	161.8	6.9			Age group 15-95
Italy	15-64	Male	1999-2000	172.2	7.8			Age group 15-95
Latvia	15-64	Female	2002	165.4	6.3			
Latvia	15-64	Male	2002	177.6	7.2			
Lithuania	15-64	Female	1995, 2002	165.1	14.5			
Lithuania	15-64	Male	1995, 2002	177.2	7.1			
Luxembourg	15-64	Female	1999	163.1	6.5	Germany		
Luxembourg	15-64	Male	1999	174.8	7.4	Germany		
Malta	15-64	Female	1999-2000	161.8	6.9	Italy		
Malta	15-64	Male	1999-2000	172.2	7.8	Italy		
Netherlands	15-64	Female	1999	163.1	6.5	Germany		
Netherlands	15-64	Male	1999	174.8	7.4	Germany		
Norway	15-64	Female	2002	165.0	6.0	Finland		
Norway	15-64	Male	2002	178.2	6.8	Finland		
Poland	15-64	Female	2002	165.7	1.8	Czech Republic		
Poland	15-64	Male	2002	178.3	2.0	Czech Republic		
Portugal	15-64	Female	1996	161.4	2.1	Spain		
Portugal	15-64	Male	1996	172.0	2.6	Spain		
Romania	15-64	Female	2002	165.7	1.8	Czech Republic		
Romania	15-64	Male	2002	178.3	2.0	Czech Republic		
Slovakia	15-64	Female	2002	165.7	1.8	Czech Republic		
Slovakia	15-64	Male	2002	178.3	2.0	Czech Republic		
Slovenia	15-64	Female	2002	165.7	1.8	Czech Republic		
Slovenia	15-64	Male	2002	178.3	2.0	Czech Republic		
Spain	15-64	Female	1996	161.4	2.1			
Spain	15-64	Male	1996	172.0	2.6			
Sweden	15-64	Female	2000	166.02	0.88			Age group 16-64
Sweden	15-64	Male	2000	179.50	1.02			Age group 16-64



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Country of observation	Age	Gender	Year of data	Mean (cm)	SD	Surrogate country	Data source if different from KMS	Comments
Switzerland	15-64	Female	1999	163.1	6.5	Germany		
Switzerland	15-64	Male	1999	174.8	7.4	Germany		
UK	15-64	Female	2000	161.8	6.1	Ireland		
UK	15-64	Male	2000	175.0	6.9	Ireland		

Data source unless otherwise indicated:

<http://expofacts.jrc.ec.europa.eu/>

Table A2:6 Body surface area

Country of observation	Age	Gender	Total (m2)	Arms (m2)	Feet (m2)	Hands (m2)	Head (m2)	Legs (m2)	Trunk (m2)
Albania	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Albania	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Austria	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Austria	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Belgium	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Belgium	0-1	Male	0.400	0.057	0.026	0.020	0.026	0.126	0.145
Bulgaria	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Bulgaria	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Cyprus	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Cyprus	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Czech Republic	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Czech Republic	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Denmark	0-1	Female	0.392	0.054	0.027	0.019	0.026	0.129	0.136
Denmark	0-1	Male	0.419	0.060	0.027	0.021	0.027	0.132	0.153
Estonia	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Estonia	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Finland	0-1	Female	0.403	0.056	0.028	0.020	0.027	0.132	0.140
Finland	0-1	Male	0.418	0.060	0.027	0.020	0.027	0.132	0.152
France	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
France	0-1	Male	0.400	0.057	0.026	0.020	0.026	0.126	0.145
Germany	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Germany	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Greece	0-1	Female	0.327	0.045	0.023	0.016	0.022	0.108	0.114
Greece	0-1	Male	0.343	0.049	0.022	0.017	0.022	0.108	0.125
Hungary	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Hungary	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Iceland	0-1	Female	0.393	0.054	0.027	0.019	0.026	0.129	0.137
Iceland	0-1	Male	0.416	0.059	0.027	0.020	0.027	0.131	0.151
Ireland	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Ireland	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Italy	0-1	Female	0.327	0.045	0.023	0.016	0.022	0.108	0.114
Italy	0-1	Male	0.343	0.049	0.022	0.017	0.022	0.108	0.125
Latvia	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Latvia	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Lithuania	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Lithuania	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Luxembourg	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Luxembourg	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Malta	0-1	Female	0.327	0.045	0.023	0.016	0.022	0.108	0.114
Malta	0-1	Male	0.343	0.049	0.022	0.017	0.022	0.108	0.125
Netherlands	0-1	Female	0.374	0.052	0.026	0.018	0.025	0.123	0.130
Netherlands	0-1	Male	0.391	0.056	0.025	0.019	0.025	0.123	0.142
Norway	0-1	Female	0.370	0.051	0.026	0.018	0.025	0.122	0.129
Norway	0-1	Male	0.385	0.055	0.025	0.019	0.025	0.121	0.140
Poland	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Poland	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
Portugal	0-1	Female	0.327	0.045	0.023	0.016	0.022	0.108	0.114
Portugal	0-1	Male	0.343	0.049	0.022	0.017	0.022	0.108	0.125
Romania	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Romania	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Slovakia	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Slovakia	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154

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Country of observation	Age	Gender	Total (m <sup>2</sup> )	Arms (m <sup>2</sup> )	Feet (m <sup>2</sup> )	Hands (m <sup>2</sup> )	Head (m <sup>2</sup> )	Legs (m <sup>2</sup> )	Trunk (m <sup>2</sup> )
Slovenia	0-1	Female	0.405	0.056	0.028	0.020	0.027	0.133	0.141
Slovenia	0-1	Male	0.423	0.060	0.027	0.021	0.027	0.133	0.154
Spain	0-1	Female	0.327	0.045	0.023	0.016	0.022	0.108	0.114
Spain	0-1	Male	0.343	0.049	0.022	0.017	0.022	0.108	0.125
Sweden	0-1	Female	0.370	0.051	0.026	0.018	0.025	0.122	0.129
Sweden	0-1	Male	0.385	0.055	0.025	0.019	0.025	0.121	0.140
Switzerland	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
Switzerland	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
UK	0-1	Female	0.382	0.053	0.026	0.019	0.026	0.126	0.133
UK	0-1	Male	0.398	0.057	0.026	0.020	0.025	0.125	0.145
<b>Albania</b>	<b>1-2</b>	<b>Female</b>	<b>0.539</b>	<b>0.074</b>	<b>0.037</b>	<b>0.026</b>	<b>0.036</b>	<b>0.177</b>	<b>0.188</b>
Albania	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Austria	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Austria	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Belgium	1-2	Female	0.529	0.073	0.037	0.026	0.035	0.174	0.184
Belgium	1-2	Male	0.547	0.078	0.036	0.027	0.035	0.172	0.199
Bulgaria	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Bulgaria	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Cyprus	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Cyprus	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Czech Republic	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Czech Republic	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Denmark	1-2	Female	0.541	0.075	0.037	0.027	0.036	0.178	0.188
Denmark	1-2	Male	0.557	0.080	0.036	0.027	0.036	0.175	0.203
Estonia	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Estonia	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Finland	1-2	Female	0.531	0.073	0.037	0.026	0.036	0.175	0.185
Finland	1-2	Male	0.544	0.078	0.035	0.027	0.035	0.171	0.198
France	1-2	Female	0.529	0.073	0.037	0.026	0.035	0.174	0.184
France	1-2	Male	0.547	0.078	0.036	0.027	0.035	0.172	0.199
Germany	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Germany	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Greece	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Greece	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Hungary	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Hungary	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Iceland	1-2	Female	0.541	0.075	0.037	0.027	0.036	0.178	0.188
Iceland	1-2	Male	0.557	0.080	0.036	0.027	0.036	0.175	0.203
Ireland	1-2	Female	0.541	0.075	0.037	0.026	0.036	0.178	0.188
Ireland	1-2	Male	0.560	0.080	0.036	0.027	0.036	0.176	0.204
Italy	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Italy	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Latvia	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Latvia	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Lithuania	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Lithuania	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Luxembourg	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Luxembourg	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Malta	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Malta	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Netherlands	1-2	Female	0.507	0.070	0.035	0.025	0.034	0.167	0.177
Netherlands	1-2	Male	0.524	0.075	0.034	0.026	0.034	0.165	0.191
Norway	1-2	Female	0.541	0.075	0.037	0.027	0.036	0.178	0.188
Norway	1-2	Male	0.557	0.080	0.036	0.027	0.036	0.175	0.203

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Country of observation	Age	Gender	Total (m <sup>2</sup> )	Arms (m <sup>2</sup> )	Feet (m <sup>2</sup> )	Hands (m <sup>2</sup> )	Head (m <sup>2</sup> )	Legs (m <sup>2</sup> )	Trunk (m <sup>2</sup> )
Poland	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Poland	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Portugal	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Portugal	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Romania	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Romania	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Slovakia	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Slovakia	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Slovenia	1-2	Female	0.539	0.074	0.037	0.026	0.036	0.177	0.188
Slovenia	1-2	Male	0.554	0.079	0.036	0.027	0.035	0.174	0.202
Spain	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Spain	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
Sweden	1-2	Female	0.541	0.075	0.037	0.027	0.036	0.178	0.188
Sweden	1-2	Male	0.557	0.080	0.036	0.027	0.036	0.175	0.203
Switzerland	1-2	Female	0.515	0.071	0.036	0.025	0.034	0.169	0.179
Switzerland	1-2	Male	0.531	0.076	0.035	0.026	0.034	0.167	0.193
UK	1-2	Female	0.541	0.075	0.037	0.026	0.036	0.178	0.188
UK	1-2	Male	0.560	0.080	0.036	0.027	0.036	0.176	0.204
<b>Albania</b>	<b>03-08</b>	<b>Female</b>	<b>0.812</b>	<b>0.112</b>	<b>0.056</b>	<b>0.040</b>	<b>0.054</b>	<b>0.267</b>	<b>0.283</b>
Albania	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299
Austria	03-08	Female	0.807	0.111	0.056	0.040	0.054	0.265	0.281
Austria	03-08	Male	0.814	0.116	0.053	0.040	0.052	0.256	0.296
Belgium	03-08	Female	0.795	0.110	0.055	0.039	0.053	0.262	0.277
Belgium	03-08	Male	0.812	0.116	0.053	0.040	0.052	0.256	0.296
Bulgaria	03-08	Female	0.842	0.116	0.058	0.041	0.056	0.277	0.293
Bulgaria	03-08	Male	0.851	0.122	0.055	0.042	0.054	0.268	0.310
Cyprus	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Cyprus	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Czech Republic	03-08	Female	0.812	0.112	0.056	0.040	0.054	0.267	0.283
Czech Republic	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299
Denmark	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Denmark	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Estonia	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Estonia	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Finland	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Finland	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
France	03-08	Female	0.314	0.043	0.022	0.015	0.021	0.103	0.109
France	03-08	Male	0.316	0.045	0.021	0.015	0.020	0.100	0.115
Germany	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Germany	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Greece	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Greece	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Hungary	03-08	Female	0.789	0.109	0.054	0.039	0.053	0.260	0.275
Hungary	03-08	Male	0.797	0.114	0.052	0.039	0.051	0.251	0.290
Iceland	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Iceland	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Ireland	03-08	Female	0.855	0.118	0.059	0.042	0.057	0.281	0.297
Ireland	03-08	Male	0.859	0.123	0.056	0.042	0.055	0.271	0.313
Italy	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Italy	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Latvia	03-08	Female	0.812	0.112	0.056	0.040	0.054	0.267	0.283
Latvia	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299
Lithuania	03-08	Female	0.812	0.112	0.056	0.040	0.054	0.267	0.283
Lithuania	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299

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Country of observation	Age	Gender	Total (m <sup>2</sup> )	Arms (m <sup>2</sup> )	Feet (m <sup>2</sup> )	Hands (m <sup>2</sup> )	Head (m <sup>2</sup> )	Legs (m <sup>2</sup> )	Trunk (m <sup>2</sup> )
Luxembourg	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Luxembourg	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Malta	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Malta	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Netherlands	03-08	Female	0.826	0.114	0.057	0.040	0.055	0.272	0.288
Netherlands	03-08	Male	0.837	0.120	0.054	0.041	0.054	0.264	0.305
Norway	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Norway	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Poland	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Poland	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Portugal	03-08	Female	0.831	0.115	0.057	0.041	0.056	0.273	0.289
Portugal	03-08	Male	0.833	0.119	0.054	0.041	0.053	0.262	0.303
Romania	03-08	Female	0.872	0.120	0.060	0.043	0.058	0.287	0.303
Romania	03-08	Male	0.886	0.127	0.058	0.043	0.057	0.279	0.323
Slovakia	03-08	Female	0.812	0.112	0.056	0.040	0.054	0.267	0.283
Slovakia	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299
Slovenia	03-08	Female	0.812	0.112	0.056	0.040	0.054	0.267	0.283
Slovenia	03-08	Male	0.822	0.118	0.053	0.040	0.053	0.259	0.299
Spain	03-08	Female	0.831	0.115	0.057	0.041	0.056	0.273	0.289
Spain	03-08	Male	0.833	0.119	0.054	0.041	0.053	0.262	0.303
Sweden	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Sweden	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
Switzerland	03-08	Female	0.809	0.112	0.056	0.040	0.054	0.266	0.282
Switzerland	03-08	Male	0.817	0.117	0.053	0.040	0.052	0.257	0.297
UK	03-08	Female	0.855	0.118	0.059	0.042	0.057	0.281	0.297
UK	03-08	Male	0.859	0.123	0.056	0.042	0.055	0.271	0.313
<b>Albania</b>	<b>09-14</b>	<b>Female</b>	<b>1.308</b>	<b>0.180</b>	<b>0.090</b>	<b>0.064</b>	<b>0.088</b>	<b>0.430</b>	<b>0.455</b>
Albania	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Austria	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Austria	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Belgium	09-14	Female	1.299	0.179	0.090	0.064	0.087	0.427	0.452
Belgium	09-14	Male	1.277	0.183	0.083	0.063	0.082	0.402	0.465
Bulgaria	09-14	Female	1.339	0.185	0.092	0.066	0.090	0.441	0.466
Bulgaria	09-14	Male	1.340	0.192	0.087	0.066	0.086	0.422	0.488
Cyprus	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Cyprus	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Czech Republic	09-14	Female	1.308	0.180	0.090	0.064	0.088	0.430	0.455
Czech Republic	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Denmark	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Denmark	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Estonia	09-14	Female	1.308	0.180	0.090	0.064	0.088	0.430	0.455
Estonia	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Finland	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Finland	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
France	09-14	Female	1.299	0.179	0.090	0.064	0.087	0.427	0.452
France	09-14	Male	1.277	0.183	0.083	0.063	0.082	0.402	0.465
Germany	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Germany	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Greece	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Greece	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Hungary	09-14	Female	1.272	0.176	0.088	0.062	0.085	0.419	0.443
Hungary	09-14	Male	1.272	0.182	0.083	0.062	0.081	0.401	0.463
Iceland	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Iceland	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471

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Country of observation	Age	Gender	Total (m2)	Arms (m2)	Feet (m2)	Hands (m2)	Head (m2)	Legs (m2)	Trunk (m2)
Ireland	09-14	Female	1.388	0.192	0.096	0.068	0.093	0.457	0.483
Ireland	09-14	Male	1.363	0.195	0.089	0.067	0.087	0.429	0.496
Italy	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Italy	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Latvia	09-14	Female	1.308	0.180	0.090	0.064	0.088	0.430	0.455
Latvia	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Lithuania	09-14	Female	1.297	0.179	0.090	0.064	0.087	0.427	0.451
Lithuania	09-14	Male	1.302	0.186	0.085	0.064	0.083	0.410	0.474
Luxembourg	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Luxembourg	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Malta	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Malta	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Netherlands	09-14	Female	1.345	0.186	0.093	0.066	0.090	0.443	0.468
Netherlands	09-14	Male	1.330	0.190	0.086	0.065	0.085	0.419	0.484
Norway	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Norway	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Poland	09-14	Female	1.308	0.180	0.090	0.064	0.088	0.430	0.455
Poland	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Portugal	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Portugal	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Romania	09-14	Female	1.308	0.180	0.090	0.064	0.088	0.430	0.455
Romania	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Slovakia	09-14	Female	1.319	0.182	0.091	0.065	0.088	0.434	0.459
Slovakia	09-14	Male	1.304	0.186	0.085	0.064	0.083	0.411	0.475
Slovenia	09-14	Female	1.319	0.182	0.091	0.065	0.088	0.434	0.459
Slovenia	09-14	Male	1.304	0.186	0.085	0.064	0.083	0.411	0.475
Spain	09-14	Female	1.366	0.189	0.094	0.067	0.092	0.450	0.476
Spain	09-14	Male	1.402	0.201	0.091	0.069	0.090	0.442	0.510
Sweden	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Sweden	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
Switzerland	09-14	Female	1.304	0.180	0.090	0.064	0.087	0.429	0.454
Switzerland	09-14	Male	1.293	0.185	0.084	0.063	0.083	0.407	0.471
UK	09-14	Female	1.388	0.192	0.096	0.068	0.093	0.457	0.483
UK	09-14	Male	1.363	0.195	0.089	0.067	0.087	0.429	0.496
<b>Albania</b>	<b>15-64</b>	<b>Female</b>	<b>1.780</b>	<b>0.246</b>	<b>0.123</b>	<b>0.087</b>	<b>0.119</b>	<b>0.586</b>	<b>0.619</b>
Albania	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Austria	15-64	Female	1.723	0.238	0.119	0.084	0.115	0.567	0.599
Austria	15-64	Male	1.930	0.276	0.125	0.095	0.124	0.608	0.703
Belgium	15-64	Female	1.726	0.238	0.119	0.085	0.116	0.568	0.601
Belgium	15-64	Male	1.944	0.278	0.126	0.095	0.124	0.612	0.708
Bulgaria	15-64	Female	1.702	0.235	0.117	0.083	0.114	0.560	0.592
Bulgaria	15-64	Male	1.884	0.269	0.122	0.092	0.121	0.593	0.686
Cyprus	15-64	Female	1.668	0.230	0.115	0.082	0.112	0.549	0.580
Cyprus	15-64	Male	1.879	0.269	0.122	0.092	0.120	0.592	0.684
Czech Republic	15-64	Female	1.780	0.246	0.123	0.087	0.119	0.586	0.619
Czech Republic	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Denmark	15-64	Female	1.748	0.241	0.121	0.086	0.117	0.575	0.608
Denmark	15-64	Male	2.004	0.287	0.130	0.098	0.128	0.631	0.729
Estonia	15-64	Female	1.777	0.245	0.123	0.087	0.119	0.585	0.618
Estonia	15-64	Male	2.025	0.290	0.132	0.099	0.130	0.638	0.737
Finland	15-64	Female	1.760	0.243	0.121	0.086	0.118	0.579	0.612
Finland	15-64	Male	2.016	0.288	0.131	0.099	0.129	0.635	0.734
France	15-64	Female	1.678	0.232	0.116	0.082	0.112	0.552	0.584
France	15-64	Male	1.918	0.274	0.125	0.094	0.123	0.604	0.698

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Country of observation	Age	Gender	Total (m <sup>2</sup> )	Arms (m <sup>2</sup> )	Feet (m <sup>2</sup> )	Hands (m <sup>2</sup> )	Head (m <sup>2</sup> )	Legs (m <sup>2</sup> )	Trunk (m <sup>2</sup> )
Germany	15-64	Female	1.723	0.238	0.119	0.084	0.115	0.567	0.599
Germany	15-64	Male	1.930	0.276	0.125	0.095	0.124	0.608	0.703
Greece	15-64	Female	1.751	0.242	0.121	0.086	0.117	0.576	0.609
Greece	15-64	Male	1.965	0.281	0.128	0.096	0.126	0.619	0.715
Hungary	15-64	Female	1.625	0.224	0.112	0.080	0.109	0.535	0.566
Hungary	15-64	Male	1.814	0.259	0.118	0.089	0.116	0.571	0.660
Iceland	15-64	Female	1.760	0.243	0.121	0.086	0.118	0.579	0.612
Iceland	15-64	Male	2.016	0.288	0.131	0.099	0.129	0.635	0.734
Ireland	15-64	Female	1.764	0.243	0.122	0.086	0.118	0.580	0.614
Ireland	15-64	Male	2.024	0.289	0.132	0.099	0.130	0.637	0.737
Italy	15-64	Female	1.668	0.230	0.115	0.082	0.112	0.549	0.580
Italy	15-64	Male	1.879	0.269	0.122	0.092	0.120	0.592	0.684
Latvia	15-64	Female	1.779	0.245	0.123	0.087	0.119	0.585	0.619
Latvia	15-64	Male	2.024	0.289	0.132	0.099	0.130	0.637	0.737
Lithuania	15-64	Female	1.752	0.242	0.121	0.086	0.117	0.576	0.610
Lithuania	15-64	Male	1.963	0.281	0.128	0.096	0.126	0.618	0.714
Luxembourg	15-64	Female	1.723	0.238	0.119	0.084	0.115	0.567	0.599
Luxembourg	15-64	Male	1.930	0.276	0.125	0.095	0.124	0.608	0.703
Malta	15-64	Female	1.668	0.230	0.115	0.082	0.112	0.549	0.580
Malta	15-64	Male	1.879	0.269	0.122	0.092	0.120	0.592	0.684
Netherlands	15-64	Female	1.723	0.238	0.119	0.084	0.115	0.567	0.599
Netherlands	15-64	Male	1.930	0.276	0.125	0.095	0.124	0.608	0.703
Norway	15-64	Female	1.760	0.243	0.121	0.086	0.118	0.579	0.612
Norway	15-64	Male	2.016	0.288	0.131	0.099	0.129	0.635	0.734
Poland	15-64	Female	1.780	0.246	0.123	0.087	0.119	0.586	0.619
Poland	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Portugal	15-64	Female	1.690	0.233	0.117	0.083	0.113	0.556	0.588
Portugal	15-64	Male	1.916	0.274	0.125	0.094	0.123	0.603	0.697
Romania	15-64	Female	1.780	0.246	0.123	0.087	0.119	0.586	0.619
Romania	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Slovakia	15-64	Female	1.780	0.246	0.123	0.087	0.119	0.586	0.619
Slovakia	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Slovenia	15-64	Female	1.780	0.246	0.123	0.087	0.119	0.586	0.619
Slovenia	15-64	Male	2.027	0.290	0.132	0.099	0.130	0.639	0.738
Spain	15-64	Female	1.690	0.233	0.117	0.083	0.113	0.556	0.588
Spain	15-64	Male	1.916	0.274	0.125	0.094	0.123	0.603	0.697
Sweden	15-64	Female	1.758	0.243	0.121	0.086	0.118	0.578	0.612
Sweden	15-64	Male	2.018	0.289	0.131	0.099	0.129	0.636	0.735
Switzerland	15-64	Female	1.723	0.238	0.119	0.084	0.115	0.567	0.599
Switzerland	15-64	Male	1.930	0.276	0.125	0.095	0.124	0.608	0.703
UK	15-64	Female	1.764	0.243	0.122	0.086	0.118	0.580	0.614
UK	15-64	Male	2.024	0.289	0.132	0.099	0.130	0.637	0.737

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Table A2:7 Mean EU-31 body dimensions

Age	Sex	Height Mean (cm)	Height SD (cm)	Weight Mean (kg)	Weight SD (cm)
0-1	Female	68.8	4.8	6.9	0.6
0-1	Male	70.1	4.9	7.4	0.7
1-2	Female	83.0	1.4	11.4	0.4
1-2	Male	84.1	1.4	11.9	0.4
3-8	Female	113.1	1.9	20.9	1.2
3-8	Male	114.0	2.0	21.2	1.2
9-14	Female	149.5	1.1	41.4	1.8
9-14	Male	149.9	1.4	41.2	2.6
15-64	Female	163.7	1.9	65.0	2.7
15-64	Male	175.8	2.6	78.2	4.0

Total SA Mean (m <sup>2</sup> )	Total SA SD (m <sup>2</sup> )	Arms SA Mean (m <sup>2</sup> )	Arms SA SD (m <sup>2</sup> )	Feet SA Mean (m <sup>2</sup> )	Feet SA SD (m <sup>2</sup> )	Hands SA Mean (m <sup>2</sup> )	Hands SA SD (m <sup>2</sup> )	Head SA Mean ((m <sup>2</sup> )	Head SA SD (m <sup>2</sup> )	Legs SA Mean (m <sup>2</sup> )	Legs SA SD (m <sup>2</sup> )	Trunk SA Mean (m <sup>2</sup> )	Trunk SA SD (m <sup>2</sup> )
0.3795	0.0261	0.0524	0.0036	0.0262	0.0018	0.0186	0.0013	0.0254	0.0017	0.1248	0.0086	0.1321	0.0091
0.3965	0.0269	0.0567	0.0038	0.0258	0.0017	0.0194	0.0013	0.0254	0.0017	0.1249	0.0085	0.1443	0.0098
0.5315	0.0118	0.0733	0.0016	0.0367	0.0008	0.0260	0.0006	0.0356	0.0008	0.1749	0.0039	0.1850	0.0041
0.5470	0.0114	0.0782	0.0016	0.0356	0.0007	0.0268	0.0006	0.0350	0.0007	0.1723	0.0036	0.1991	0.0042
0.8106	0.0959	0.1119	0.0132	0.0559	0.0066	0.0397	0.0047	0.0543	0.0064	0.2667	0.0316	0.2821	0.0334
0.8198	0.0976	0.1172	0.0140	0.0533	0.0063	0.0402	0.0048	0.0525	0.0062	0.2582	0.0307	0.2984	0.0355
1.3241	0.0313	0.1827	0.0043	0.0914	0.0022	0.0649	0.0015	0.0887	0.0021	0.4356	0.0103	0.4608	0.0109
1.3208	0.0456	0.1889	0.0065	0.0858	0.0030	0.0647	0.0022	0.0845	0.0029	0.4160	0.0144	0.4808	0.0166
1.7348	0.0429	0.2394	0.0059	0.1197	0.0030	0.0850	0.0021	0.1162	0.0029	0.5708	0.0141	0.6037	0.0149
1.9657	0.0618	0.2811	0.0088	0.1278	0.0040	0.0963	0.0030	0.1258	0.0040	0.6192	0.0195	0.7155	0.0225



Table A2:8 Time activity data for Europe (time in hours/day)

	All	Male	Female	Environment
Sleep	8.46	8.39	8.52	Home
Eating	1.63	1.66	1.60	2/3 home & 1/3 work
Other personal care	0.80	0.75	0.83	Home
Main and second job	3.22	3.98	2.51	Work
Activities related to employment	0.06	0.07	0.04	Work
School and university	0.1	0.10	0.1	School
Home Work	0.08	0.07	0.09	Home
Free time study	0.03	0.03	0.03	Home
Food preparation	0.76	0.33	1.15	Home
Dish Washing	0.26	0.11	0.41	Home
Cleaning dwelling	0.42	0.16	0.65	Home
Other household upkeep	0.24	0.26	0.22	Home
Laundry	0.11	0.02	0.19	Home
Ironing	0.09	0.01	0.16	Home
Handicraft	0.08	0.01	0.15	Home
Gardening	0.24	0.27	0.21	Outdoor
Tending domestic animals	0.09	0.1	0.08	Outdoor
Caring for pets	0.04	0.03	0.04	Outdoor
Walking the dog	0.07	0.07	0.07	Outdoor
Construction and repairs	0.18	0.32	0.05	Home
Shopping and services	0.43	0.35	0.5	Outdoor
Physical care supervision of child	0.21	0.09	0.35	Home
Teaching, reading or talking to a child	0.12	0.09	0.15	Home
Other domestic Work	0.11	0.09	0.12	Home
Organisational Work	0.04	0.05	0.03	Home
Informal help to other households	0.16	0.16	0.16	Home
Participatory activities	0.07	0.06	0.08	Outdoor
Visits and feasts	0.36	0.33	0.39	Home
Other social life	0.52	0.53	0.51	Outdoor
Entertainment and culture	0.09	0.1	0.09	Outdoor
Resting	0.33	0.33	0.33	Home

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	All	Male	Female	Environment
Walking and hiking	0.24	0.25	0.23	Outdoor
Other sports outdoor activities	0.19	0.27	0.13	Outdoor
Computer and video games	0.03	0.05	0.01	Home
Other computing	0.09	0.14	0.05	Home
Other hobbies and games	0.15	0.174	0.13	Home
Reading books	0.14	0.11	0.16	Home
Other reading	0.32	0.35	0.3	Home
TV and video	2.09	2.3	1.90	Home
Radio and music	0.09	0.11	0.07	Home
Unspecified leisure	0.01	0.01	0.01	Outdoor
Travel to from Work	0.36	0.44	0.28	Transport
Travel related to study	0.03	0.03	0.03	Transport
Travel related to shopping	0.25	0.22	0.28	Transport
Transporting a child	0.05	0.03	0.07	Transport
Other domestic travel	0.05	0.07	0.04	Transport
Travel related to leisure	0.45	0.48	0.42	Transport
Unspecified travel	0.11	0.12	0.1	Transport
Unspecified time use	0.07	0.03	0.07	1/2 Outdoor 1/2 Home

**Table A2:9** Time in each microenvironment (hours/day)

Environment	Males	Females
Home	15.9	17.7
Outdoor	2.04	1.95
School	0.1	0.1
Transport	1.39	1.22
Work	4.05	2.55

**Table A2:10** Time activity of full time working male on a work day

Time	Activity	Location
00:00 – 07:00	Sleep	Home
07:00 – 08:00	Breakfast/Shower	Home
08:00 – 08:45	Transport	Outdoor
08:45 – 17:00	Work	Work
17:00 – 17:45	Transport	Outdoor
17:45 – 19:00	Dinner	Home
19:00 – 19:30	Shopping	Outdoor
19:30 – 20:00	Sport	Outdoor
20:00 – 22:00	Home resting	Home
22:00 – 23:00	Reading	Home
23:00 – 00:00	Sleep	Home

**Table A2:11** Time activity of full time working female on a work day

Time	Activity	Location
00:00 – 07:00	Sleep	Home
07:00 – 08:00	Breakfast/Shower	Home
08:00 – 08:30	Transport	Transport
08:30 – 16:00	Work	Work
16:00 – 16:30	Transport	Transport
16:30 – 17:30	Shopping	Outdoor
17:30 -18:30	Housekeeping	Home
18:30- 19:30	Dinner	Home
19:30 – 20:30	Walking	Outdoor
20:30 – 22:00	Home resting	Home
22:00 – 23:00	Reading	Home
23:00 – 00:00	Sleep	Home

**Table A2:12** Time activity for adult males and females during the weekend

Time	Activity	Location
00:00 - 08:00	Sleep	Home
08:00 - 09:00	Breakfast/Shower	Home
09:00 - 11:00	Shopping	Outdoor
11:00 - 12:00	Gardening	Outdoor
12:00 - 13:00	Lunch	Home
13:00 - 16:00	Social life	Home
16:00 - 17:00	Reading	Home
17:00 - 18:00	Diner	Home
18:00 - 19:00	Car driving	Car
19:00 - 22:00	Social life	Indoor
22:00 - 23:00	Car driving	Car
23:00 - 00:00	Sleeping	Home

**Table A2:13** Time activity for retired/unemployed adults

Time	Activity	Location
00:00 – 08:00	Sleep	Home
08:00 – 09:00	Breakfast/Shower	Home
09:00 – 11:00	Walking/Shopping	Outdoor
11:00 – 12:00	Housekeeping	Home
12:00 – 13:00	Lunch	Home
13:30 – 16:30	Home reading/resting	Home
16:30 -17:00	Transport	Transport
17:00- 19:00	Social life	Outdoor
19:00 – 19:30	Transport	Transport
19:30 – 20:30	Dinner	Home
20:30 – 22:00	Watching TV	Home
22:00 – 23:00	Reading	Home
23:00 – 00:00	Sleep	Home

**Table A2:14** Time activity for children (3-14 yrs) during week days

Time	Activity	Location
00:00 - 07:00	Sleep	Home
07:00 - 08:00	Breakfast/Shower	Home
08:00 - 09:00	To school	Transport
09:00 - 17:00	School	School
17:00 - 18:00	To home	Transport
18:00 - 19:00	Dinner	Home
19:00 - 20:00	Sport	Outdoor
20:00 - 21:00	Watching TV	Home
21:00 - 00:00	Sleeping	Home

**Table A2:15** Time activity for children (3-14 yrs) during weekends

Time	Activity	Location
00:00 - 08:00	Sleep	Home
08:00 - 09:00	Breakfast/Shower	Home
09:00 - 12:00	Sport	Outdoor
12:00 - 13:00	Lunch	Home
13:00 - 17:00	Social life	Home
17:00 - 18:00	Diner	Home
18:00 - 20:00	Watching TV	Home
20:00 - 00:00	Sleeping	Home

**Table A2:16** Time activity for babies (0-1 yrs)

<b>Time</b>	<b>Activity</b>	<b>Location</b>
00:00 - 07:00	Sleep	Home
07:00 - 08:00	Breakfast	Home
08:00 - 11:00	Lie/Playing	Home
11:00 - 12:00	Sleep	Home
12:00 - 13:00	Lunch	Home
13:00 - 14:00	Travelling	Car
14:00 - 15:00	Sleep	Home
15:00 - 16:00	Lie/Playing	Outdoor
16:00 - 17:00	Lie/Playing	Home
17:00 - 18:00	Dinner	Home
18:00 - 19:00	Lie/playing	Home
19:00 - 00:00	Sleeping	Home