

Body measurements ISO 7250-2

ISO/TR 7250-2:2010(E)

Table 2 — Germany — Statistical summary

No.	ISO 7250-1 measurement			Sample size "	Mean	SD	P1	P5	P50	P95	P99
		Age	Male								
			Female								
			Total								
1	4.1.1	Body mass (weight), kg	Male					64	79	100	
			Female					52	66	87	
			Total								
2	4.1.2	Stature (body height)	Male					1 650	1 750	1 855	
			Female					1 535	1 625	1 720	
			Total								
3	4.1.3	Eye height	Male					1 530	1 630	1 735	
			Female					1 430	1 515	1 605	
			Total								
4	4.1.4	Shoulder height	Male					1 345	1 450	1 550	
			Female					1 260	1 345	1 425	
			Total								
5	4.1.5	Elbow height	Male					1 025	1 100	1 175	
			Female					960	1 020	1 080	
			Total								
6	4.1.6	Iliac spine height, standing	Male								
			Female								
			Total								
7	4.1.7	Crotch height	Male					760	830	905	
			Female					710	775	830	
			Total								
8	4.1.8	Tibial height	Male					430	460	480	
			Female					400	425	450	
			Total								
9	4.1.9	Chest depth, standing	Male					195	225	270	
			Female					165	190	235	
			Total								
10	4.1.10	Body depth, standing	Male					260	285	380	
			Female					245	290	345	
			Total								
11	4.1.11	Chest breadth, standing	Male								
			Female								
			Total								
12	4.1.12	Hip breadth, standing	Male					340	360	385	
			Female					340	365	400	
			Total								
		Sitting height	Male					855	910	965	

13	4.2.1	Sitting height (erect)	Female					810	860	910	
			Total								
14	4.2.2	Eye height, sitting	Male					740	795	855	
			Female					705	755	805	
			Total								
15	4.2.3	Cervicale height, sitting	Male								
			Female								
			Total								

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Table 2 (continued)

No.	ISO 7250-1 measurement			Sample size	Mean	SD	P1	P5	P50	P95	P99
				"							
16	4.2.4	Shoulder height, sitting	Male					570	625	670	
			Female					540	590	630	
			Total								
17	4.2.5	Elbow height, sitting	Male					210	240	285	
			Female					185	230	275	
			Total								
18	4.2.6	Shoulder-elbow length	Male					330	365	400	
			Female					290	320	350	
			Total								
19	4.2.7	Elbow-wrist length	Male								
			Female								
			Total								
20	4.2.8	Shoulder (biacromial) breadth	Male					370	405	435	
			Female					345	370	400	
			Total								
21	4.2.9	Shoulder (bideltoïd) breadth	Male					440	480	525	
			Female					395	435	485	
			Total								
22	4.2.10	Elbow-to-elbow breadth	Male					415	480	555	
			Female					395	485	555	
			Total								
23	4.2.11	Hip breadth, sitting	Male					350	375	420	
			Female					360	390	460	
			Total								
24	4.2.12	Lower leg length (popliteal height)	Male					410	450	490	
			Female					375	415	455	

25	4.2.13	Thigh clearance	Total						375	415	450	
			Male						130	150	180	
			Female						125	145	175	
26	4.2.14	Knee height	Total									
			Male						495	535	585	
			Female						460	500	545	
27	4.2.15	Abdominal depth, sitting	Total									
			Male						200	280	330	
			Female						205	250	325	
28	4.2.16	Thorax depth at the nipple	Total									
			Male									
			Female									
29	4.2.17	Buttock-abdomen depth sitting	Total									
			Male									
			Female									
30	4.3.1	Hand length	Total									
			Male						175	189	207	
			Female						162	177	193	
31	4.3.2	Palm length perpendicular	Total									
			Male									
			Female						104	111	121	
			Total						92	100	108	

ISO 7250-1 measurement			Table 2 (continued)								
No.				Sample size <i>n</i>	Mean	SD	P1	P5	P50	P95	P99
32	4.3.3	Hand breadth at metacarpals	Male								
			Female								
			Total				80	87	94		
33	4.3.4	Index finger length	Male								
			Female								
			Total				68	75	83		
34	4.3.5	Index finger breadth	Male								
			Female								
			Total				62	69	77		

35	4.3.6	Index finger breadth, distal	Female					19	21	23	
			Total					17	19	21	
			Male								
36	4.3.7	Foot length	Female					17	18	20	
			Total					14	16	18	
			Male								
37	4.3.8	Foot breadth	Female					245	265	285	
			Total					225	245	260	
			Male								
38	4.3.9	Head length	Female					92	101	111	
			Total					83	92	102	
			Male								
39	4.3.10	Head breadth	Female					185	195	205	
			Total					170	185	195	
			Male								
40	4.3.11	Face length (nasion-menton)	Female					145	155	165	
			Total					140	150	160	
			Male								
41	4.3.12	Head circumference	Female					105	115	130	
			Total					95	110	125	
			Male								
42	4.3.13	Sagittal arc	Female					545	570	600	
			Total					520	545	570	
			Male								
43	4.3.14	Bitracion arc	Female					330	350	375	
			Total					310	330	360	
			Male								
44	4.4.1	Wall-acromion distance	Female					340	365	385	
			Total					320	335	360	
			Male								
45	4.4.2	Grip reach; forward reach	Female								
			Total								
			Male					685	740	815	
46	4.4.3	Elbow-grip length	Female					625	690	750	
			Total								
			Male					325	350	390	
47	4.4.4	Fist (grip axis) height	Female					295	315	350	
			Total								
			Male					730	765	825	
			Female					670	715	760	
			Total								

No.	ISO 7250-1 measurement			Sample size <i>n</i>	Mean	SD	P1	P5	P50	P95	P99
48	4.4.5	Forearm-fingertip length	Male					440	475	510	
			Female					400	430	465	
			Total								
49	4.4.6	Buttock-popliteal length (seat depth)	Male					450	495	540	
			Female					435	485	530	
			Total								
50	4.4.7	Buttock-knee length	Male					565	610	655	
			Female					545	590	640	
			Total								
51	4.4.8	Neck circumference	Male					335	380	410	
			Female					305	345	385	
			Total								
52	4.4.9	Chest circumference	Male					870	975	1 110	
			Female					850	990	1 180	
			Total								
53	4.4.10	Waist circumference	Male					700	875	1 010	
			Female					665	790	990	
			Total								
54	4.4.11	Wrist circumference	Male					160	175	190	
			Female					150	165	180	
			Total								
55	4.4.12	Thigh circumference	Male					490	570	640	
			Female					485	565	670	
			Total								
56	4.4.13	Calf circumference	Male					325	375	415	
			Female					325	360	415	
			Total								