

Table 9-6 Relative organ weights of male offspring at 7 months of age - group mean values

Exp.group (mg/kg/day)	Number of animals	Brain mg/100g	Pituitary mg/100g	Thyroid mg/100g	Liver g/100g	Kidney mg/100g	Adrenal mg/100g	Testis mg/100g	Epididymis mg/100g	Seminal vesicle mg/100g	Ventral prostate mg/100g	Body weight g
Vehicle	18	298.0	2.1	3.4	3.0	546.5	7.3	510.4	190.7	302.8	90.9	777.5
Control		Mean S.D.	0.2	0.5	0.3	54.5	0.6	61.2	23.8	38.5	18.3	76.2
BPA 0.005	27	322.7 *	2.2	3.6	2.9	561.0	7.8	547.1	201.4	286.3	88.6	716.7 *
		Mean S.D.	0.3	0.6	0.3	70.6	1.0	104.9	35.5	49.3	32.0	81.0
BPA 0.05	29	315.1	2.1	3.4	2.8 *	548.9	7.6	525.8	197.4	282.4	79.3	712.6 *
		Mean S.D.	0.3	0.7	0.2	48.1	1.4	63.6	24.9	66.5	22.5	80.7
BPA 40	22	311.7	2.2	3.2	3.0	559.7	7.8	542.4	198.7	298.1	101.0	720.0 *
		Mean S.D.	0.2	0.7	0.3	42.9	0.9	56.0	22.2	44.1	28.2	73.1
BPA 400	17	331.4 **	2.3	3.3	2.9	553.9	7.8	559.4	208.0	318.2	97.0	662.1 **
		Mean S.D.	0.2	0.4	0.1	69.3	1.3	48.5	19.3	55.9	23.4	38.2
EE 0.05	22	322.0	2.1	3.4	3.0	538.4	8.0	522.9	191.4	295.5	78.9	682.1 **
		Mean S.D.	0.2	0.6	0.4	37.6	0.8	90.9	26.8	42.0	23.5	53.0

\* p<0.05; \*\*p<0.01 (Dunnett's test)

Table 9-7 Absolute organ weights of female offspring at 7 months of age - group mean values

Exp. group (mg/kg/day)	Number of animals	Brain mg	Pituitary mg	Thyroid mg	Uterus mg	Ovary mg	Adrenal mg	Liver g	Kidney mg	Body weight g
Vehicle Control	16	Mean 2054.7	23.0	21.4	739.1	65.2	68.0	12.1	2190.2	402.8
		S.D. 77.7	9.1	4.2	158.7	18.0	8.2	1.8	280.8	53.2
BPA 0.005	19	Mean 2037.3	26.3	20.2	756.6	55.9	65.7	12.0	2266.8	393.3
		S.D. 61.8	9.8	3.6	166.4	13.9	10.9	1.6	254.2	38.1
BPA 0.05	19	Mean 2006.1	23.9	18.9	699.3	59.8	68.4	11.9	2219.7	384.4
		S.D. 84.4	4.6	3.0	170.3	14.4	10.3	1.2	263.9	35.1
BPA 40	24	Mean 1996.0	23.5	18.3 *	703.0	71.2	67.3	12.1	2263.1	404.2
		S.D. 373.6	7.8	4.5	187.4	21.6	15.1	2.4	451.6	78.3
BPA 400	17	Mean 1999.4	21.3	17.8 **	669.3	64.8	68.4	11.6	2145.2	382.0
		S.D. 103.9	5.3	2.9	159.8	24.7	12.9	1.6	291.6	37.9
EE 0.05	22	Mean 2036.2	25.0	20.2	565.5 *	72.6	67.7	13.1	2294.8	430.4
		S.D. 62.8	7.9	3.0	201.2	19.6	7.8	1.5	153.8	48.4

\* p<0.05, \*\*p<0.01 (Dunnett's test)

**Table 9-8 Relative organ weights of female offspring at 7 months of age - group mean values**

Exp. group (mg/kg/day)	Number of animals	Brain mg/100g	Pituitary mg/100g	Thyroid mg/100g	Uterus mg/100g	Ovary mg/100g	Adrenal mg/100g	Liver g/100g	Kidney mg/100g	Body weight g
<b>Vehicle</b>	16	Mean 517.5	5.7	5.3	186.5	16.3	17.0	3.0	546.6	402.8
<b>Control</b>		S.D. 62.2	1.9	0.8	44.7	4.4	1.9	0.2	53.6	53.2
<b>BPA</b>	19	Mean 521.7	6.7	5.2	193.5	14.4	16.7	3.1	577.8	393.3
<b>0.005</b>		S.D. 43.7	2.5	0.9	44.3	4.3	2.6	0.3	55.8	38.1
<b>BPA</b>	19	Mean 525.9	6.2	5.0	183.5	15.7	17.9	3.1	579.2	384.4
<b>0.05</b>		S.D. 52.0	1.1	1.0	47.3	3.8	2.7	0.2	63.2	35.1
<b>BPA</b>	24	Mean 498.5	5.8	4.6 *	174.9	17.6	16.7	3.0	561.8	404.2
<b>40</b>		S.D. 101.0	1.9	1.2	49.1	5.2	3.8	125.0	0.7	78.3
<b>BPA</b>	17	Mean 527.1	5.6	4.7	176.3	16.9	17.9	3.0	562.1	382.0
<b>400</b>		S.D. 48.7	1.1	0.7	43.3	5.8	2.9	0.2	58.9	37.9
<b>EE</b>	22	Mean 478.5	5.9	4.7	132.5 **	16.9	15.9	3.1	538.4	430.4
<b>0.05</b>		S.D. 52.8	2.1	0.7	48.0	4.5	2.5	0.3	60.0	48.4

\* p<0.05, \*\*p<0.01 (Dunnett's test)

**Table 10-1 Macroscopic examinations of dams - group distribution of findings**

Exp.group (mg/kg/day)	Vehicle control		BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia
<b>Findings</b>	8	1	10	10	10	10	10	9	1	1	10	10
<b>Mammary gland</b>												
<b>Poorly developed</b>	0	1	0	0	0	0	0	0	1	0	0	0
<b>Thymus</b>												
<b>small</b>	0	1	0	0	0	0	0	0	1	0	0	0
<b>Forstomach</b>												
<b>elevation of limiting ridge</b>	0	0	0	0	0	0	0	9	1	0	0	0
<b>Cecum</b>												
<b>enlargement</b>	0	0	0	0	0	0	0	8	1	0	0	0

ta, terminal autopsy.

ia-pd, dam all her pups were dead

**Table 10-2 Macroscopic examinations of male offspring at 10 weeks of age**

Exp.group (mg/kg/day)		Vehicle		BPA		BPA		BPA		BPA		EE	
		Control		0.005		0.05		40		400		0.05	
		ta		ta		ta		ta		ta		ta	
<b>Findings</b>		7		6		10		9		9		9	
<b>Kidney pelvic dilatation</b>		1		0		1		2		0		0	

ta, terminal autopsy.

**Table 10-3 Macroscopic examinations of female offspring at 10 weeks of age**

Findings	Vehicle control		BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
	ta	6	ta	6	ta	7	ta	8	ta	9	ta	9
Kidney pelvic dilatation	0	0	0	0	0	0	0	0	1	1	0	0
Cleft phallus	0	0	0	0	0	0	0	0	0	0	7	7

ta, terminal autopsy.

Table 10-4 Macroscopic examinations of male offspring at 7 months of age - group distribution of findings

Findings	Vehicle control		BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia
<b>Liver</b> white region	18	1	27	1	29	1	22	17	1	1	22	22
<b>Kidney</b> pelvic dilatation	1	0	1	0	1	1	1	1	0	0	0	0
<b>Abdominal cavity</b> tumor	0	1	0	1	0	0	0	0	0	0	0	0
<b>Testis</b> small	0	0	1	0	0	0	0	0	0	0	1	1
<b>Testis</b> transparent softening	0	0	0	0	0	0	0	0	0	0	1	1
<b>Pituitary gland</b> dark reddish region	0	0	0	0	0	0	0	1	0	0	0	0
<b>Thorax cavity</b> <u>white tumor with hydrothorax</u>	0	0	0	0	0	0	0	0	0	1	0	0

ta, terminal autopsy  
ia, interim autopsy

Table 10-5 Macroscopic examinations of female offspring at 7 months of age - group distribution of findings

Findings	Vehicle control		BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia
	16	1	19	1	19	24	17	1	22	1	22	1
Uterus watery contents in lumen	5	0	0	0	1	2	2	0	0	0	0	0
Uterus nodule	0	0	1	0	0	1	0	0	0	0	0	0
Vagina nodule	0	0	1	0	0	1	0	0	0	0	0	0
Subcutaneous tumor	0	0	0	1	0	0	0	0	0	0	0	0
Subcutaneous nodule	0	0	0	0	1	0	0	0	0	0	0	0
Cerebrum ventriculus expansion	0	0	1	0	0	0	0	0	0	0	0	0
Pituitary gland dark reddish region	0	0	0	0	1	1	0	0	0	0	0	0
Kidney pelvic dilatation	0	0	0	0	0	2	1	0	0	0	0	0
Ovicyst	0	0	0	0	0	1	0	0	0	0	0	0
Kidney tumor	0	0	0	0	0	0	0	0	1	0	0	0
Lung nodule	0	0	0	0	0	0	0	0	1	0	0	0
Spleen enlargement	0	0	0	0	0	0	0	0	1	0	0	0
Urinary bladder calculus	0	0	0	0	0	0	1	0	0	0	0	0
Ovary hemorrhage	0	0	0	0	0	0	1	0	0	0	0	0
Cleft phallus	0	0	0	0	0	0	0	0	0	0	15	0
Vulva swelling	0	0	0	0	0	0	0	0	0	0	0	2

ta, terminal autopsy.  
ia, interim autopsy



**Addendum 1-1 Body weights of dams - individual values**

Animal -ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
1		243.9	274.8	324.5	354.5	394.8	304.1	323.8	335.2	345.2	322.4
2		255.9	298.8	345.6	382.7	423.3	325.0	340.3	343.4	346.1	326.2
3 <sup>a)</sup>		247.3	289.1	306.2	304.6	311.8	-	-	-	-	-
4	Vehicle	258.4	305.0	352.0	379.4	423.5	323.0	332.0	344.1	354.4	325.7
5 <sup>b)</sup>	control	260.3	304.3	338.2	366.0	416.4	267.8	289.9	-	-	-
6		243.6	286.0	322.4	354.8	407.2	301.8	318.0	322.9	341.0	322.8
7		243.3	271.6	315.8	337.2	383.4	303.3	311.3	324.5	330.5	306.0
8		249.8	285.2	325.9	365.7	389.0	299.9	329.8	340.6	343.4	322.1
9		258.0	300.8	352.0	384.9	432.8	335.6	353.7	365.4	365.4	347.1
10		257.3	298.9	346.3	384.0	436.0	315.1	332.7	351.0	347.0	323.2
Mean		251.8	291.5	332.9	361.4	401.8	308.4	325.7	340.9	346.6	324.4
S.D.		6.9	12	16.1	25.3	36.5	19.6	18.2	13.9	10.1	11.2
n		10	10	10	10	10	9	9	8	8	8

Unit; gram

a) animal was sterile

b) animal was neglect nursing

**Addendum 1-1 Body weights of dams - individual values**

continued

Animal -ID No.	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
11		231.3	268.0	304.2	330.3	367.3	279.5	304.3	307.0	316.3	288.9
12		229.2	275.7	318.6	353.3	396.2	321.4	317.2	342.4	336.1	301.9
13		250.5	302.9	344.5	372.1	395.5	342.3	328.5	359.7	353.6	323.3
14	BPA	246.7	299.2	346.9	369.8	400.5	342.5	337.0	353.1	362.2	354.8
15	0.005	234.2	277.4	329.3	363.3	420.5	304.9	329.9	335.2	333.8	310.2
16		263.6	294.5	318.3	340.5	364.4	319.0	332.8	339.7	338.9	323.2
17		245.7	288.8	333.3	349.9	383.7	325.0	337.8	342.2	354.6	332.1
18		240.0	283.1	327.8	356.4	393.3	326.9	320.9	336.2	348.0	322.5
19		246.8	280.0	325.0	351.9	392.8	298.3	315.9	330.5	330.2	304.9
20		238.8	268.9	309.2	345.4	381.7	281.4	313.3	326.2	323.3	301.5
Mean		242.7	283.9	325.7	353.3	389.6	314.1	323.8	337.2	339.7	316.3
S.D.		10.3	12.2	13.8	12.9	16.3	22.5	11.1	14.5	14.7	18.9
n		10	10	10	10	10	10	10	10	10	10

Unit; gram

**Addendum 1-1 Body weights of dams - individual values**  
continued

Animal -ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
21		237.6	273.1	309.4	333.7	371.1	288.9	310.3	322.3	330.4	302.6
22		240.5	279.9	308.7	339.8	379.5	299.6	305.1	325.0	318.7	316.2
23		235.9	272.7	308.1	337.0	384.8	270.9	304.4	314.9	323.6	305.0
24	BPA	248.9	284.4	324.5	344.9	386.5	320.4	308.5	315.7	337.4	318.2
25	0.05	248.5	279.6	315.5	348.5	376.8	298.8	309.3	322.8	328.1	288.3
26		252.2	298.0	339.7	369.7	405.8	333.8	341.1	356.1	348.7	315.6
27		255.5	305.8	354.1	388.1	435.7	334.9	339.6	351.9	359.8	336.5
28		265.3	301.9	354.9	383.9	430.0	327.8	340.0	343.6	346.2	322.1
29		251.6	296.0	337.9	381.8	436.5	313.1	323.8	358.1	345.4	322.1
30		273.0	314.8	366.9	388.9	444.1	323.0	354.0	361.3	368.8	344.4
Mean		250.9	290.6	332.0	361.6	405.1	311.1	323.6	337.2	340.7	317.1
S.D.		11.7	14.6	21.8	22.9	28.7	21	18.5	18.8	16.1	16.2
n		10	10	10	10	10	10	10	10	10	10

Unit; gram

**Addendum 1-1 Body weights of dams - individual values**  
continued

Animal-ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
31		224.9	265.7	288.8	325.3	361.1	270.7	258.6	311.7	316.2	287.4
32		248.3	290.4	332.3	348.4	403.8	303.6	331.5	331.7	334.9	317.2
33		263.0	307.5	346.7	377.0	422.7	323.2	343.1	354.8	348.4	319.7
34	BPA	258.7	315.8	336.0	366.0	406.2	342.5	322.5	347.7	355.4	329.3
35	40	241.6	303.3	342.4	371.7	405.5	328.7	328.2	343.4	356.2	331.1
36		241.3	281.5	322.6	344.3	392.6	295.6	315.4	327.1	336.3	301.4
37		260.2	292.5	336.9	370.6	404.4	290.1	328.4	338.8	348.9	323.4
38		276.3	318.1	358.5	389.9	438.1	351.0	349.0	364.2	366.8	335.7
39		254.7	298.4	336.6	370.1	410.8	305.0	323.8	340.4	350.6	325.1
40		244.5	286.9	310.5	333.5	379.0	302.2	302.9	319.1	320.0	298.3
Mean		251.4	296.0	331.1	359.7	402.4	311.3	320.3	337.9	343.4	316.9
S.D.		14.4	16.1	19.7	20.7	21.4	24.8	25.3	16	16.2	15.9
n		10	10	10	10	10	10	10	10	10	10

Unit; gram

**Addendum 1-1 Body weights of dams - individual values**

continued

Animal -ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
41		235.8	278.1	278.9	304.8	337.0	257.3	271.9	293.5	300.3	293.7
42		248.9	287.1	304.5	327.4	377.5	308.4	307.8	310.8	325.1	304.7
43		235.6	270.4	290.8	315.8	375.9	292.8	287.3	306.9	332.3	317.5
44	BPA	243.4	281.1	312.4	338.2	382.0	281.9	283.7	314.8	336.2	334.4
45	400	237.0	278.5	297.1	319.6	366.4	283.1	323.5	320.1	344.8	331.7
46		251.8	296.4	294.0	317.2	375.7	284.7	289.6	322.4	325.9	334.6
47 <sup>b)</sup>		251.4	295.7	285.8	313.2	360.2	248.9	247.5	-	-	-
48		237.8	271.7	286.1	314.5	356.6	255.0	276.0	304.3	325.2	308.6
49		244.1	287.3	304.8	323.5	373.0	269.4	308.3	322.4	341.1	325.0
50		265.1	290.9	315.5	337.9	378.8	309.4	307.4	325.9	344.0	326.2
Mean		245.1	283.7	297.0	321.2	368.3	279.1	290.3	313.5	330.5	319.6
S.D.		9.4	9.2	12.1	10.7	13.8	21.3	22.2	10.6	13.8	14.5
n		10	10	10	10	10	10	10	9	9	9

Unit; gram

b) animal was neglect nursing

**Addendum 1-1 Body weights of dams - individual values**  
continued

Animal -ID No.	Exp.group (mg/kg/day)	Gestational period (days)						Postpartum period (days)					
		0	6	14	17	20	0	4	7	14	21		
51		236.8	276.1	276.8	318.3	330.2	251.2	261.0	298.8	315.9	299.5		
52		254.7	292.6	312.1	344.1	382.0	291.1	296.4	311.8	338.9	332.8		
53		230.3	264.9	284.6	311.8	343.1	283.8	274.7	277.0	305.8	292.5		
54	EE	263.6	298.5	315.1	347.2	383.1	285.9	300.2	335.9	346.0	321.2		
55	0.05	235.5	278.1	298.0	325.4	353.5	286.6	294.1	325.2	334.0	310.0		
56		232.0	262.8	283.4	314.6	344.4	274.9	273.3	294.0	305.8	287.5		
57		253.9	299.2	319.0	346.4	387.5	287.5	315.2	344.4	359.5	318.3		
58		252.2	291.9	311.9	340.7	375.1	298.3	290.9	316.7	328.7	311.1		
59		243.8	277.5	301.5	335.8	358.0	287.3	296.8	323.6	327.1	316.3		
60		261.3	295.0	306.1	316.7	356.4	268.7	288.1	300.5	318.7	307.5		
Mean		246.4	283.7	300.9	330.1	361.3	281.5	289.1	312.8	328.0	309.7		
S.D.		12.3	13.5	14.8	14.2	19.6	13.4	15.6	20.6	17.3	13.7		
n		10	10	10	10	10	10	10	10	10	10		

Unit; gram

**Addendum 1-2 Body weights of offspring during postpartum period - individual values**

**Vehicle control**

Animal ID-No.	Male					Female					
	Dam	0	4	7	14	21	0	4	7	14	21
1	6.42	11.14	17.53	33.91	53.69	6.14	10.62	16.80	32.91	51.15	
	6.52	11.30	17.54	32.71	53.79	6.03	10.68	16.62	32.37	52.22	
	6.68	10.71	16.95	32.97	53.19	6.05	11.17	17.23	32.58	54.59	
	6.83	11.74	18.08	34.53	56.55	6.06	10.13	15.71	30.12	49.23	
	6.90	11.21	17.25	32.99	50.92	6.33	10.22	15.65	31.26	50.84	
						6.40	10.12				
						6.05	10.74				
						5.03	9.29				
	2	6.12	9.97	17.01	37.21	53.68	5.48	9.05	15.43	33.14	52.23
		6.10	10.29	17.97	34.86	54.47	5.92	8.41	15.04	32.01	53.82
6.02		9.88	16.99	36.29	53.97	5.44	8.26	14.90	31.15	48.30	
6.26		10.26	17.84	36.68	56.35	5.54	9.31	15.90	29.92	50.09	
6.44		9.75	17.41	37.59	56.74						
6.15		9.34	15.73	34.52	52.89						
5.70		10.59									
6.13		9.40									
6.12		8.56									
5.93		10.02									
6.07	9.92										
4	6.27	11.83	17.36	35.36	56.46	6.03	11.83	18.67	35.65	56.31	
	7.34	12.29	19.34	35.72	58.32	6.63	11.07	16.72	32.90	53.19	
	7.16	12.66	19.19	37.05	58.70	6.56	11.50	17.16	35.55	54.13	
	7.30	12.33	19.56	35.95	56.70	5.91	12.05	17.99	35.73	56.17	
						6.60	11.40	16.97	33.32	52.06	
						6.16	9.78	15.39	31.98	50.91	
						5.99	10.46				
						6.25	10.67				
						6.44	9.43				
						6.70	10.83				
5	5.58					5.66					
	5.86					5.72					
	5.65					5.36					
	5.72					5.79					
	6.11					5.69					
	6.30					5.26					
						5.63					
						5.78					
	6	6.66	10.94	18.35	38.31	59.96	6.23	9.79	16.24	32.92	53.05
		7.04	9.99	16.26	34.78	55.32	6.46	9.25	15.81	32.72	52.41
6.97		10.33	17.35	34.27	55.67	6.44	10.78	17.93	36.16	55.15	
6.34		10.08	17.39	35.63	56.71	6.58	10.42	18.30	35.54	55.80	
6.84		10.21	17.52	35.55	56.58	6.90	10.11	16.81	35.72	56.36	
6.61		10.96				6.54	10.04				
6.76		10.47									
6.37		11.03									
7.01		11.05									
7		5.85	9.72	15.91	34.43	52.28	5.78	9.01	15.93	33.08	50.41
	6.49	9.10	15.59	33.47	50.88	5.30	9.01	14.95	31.69	48.49	
	6.42	10.32	16.90	33.58	49.07	5.65	8.88	13.62	30.34	45.23	
	5.75	10.15	17.19	34.72	53.73	5.87	9.77	15.33	31.89	48.41	
	6.01	9.09	15.46	31.69	50.02	5.79	9.32	15.74	33.40	49.48	
	5.84	9.08				5.71	9.05				
						5.80	9.45				
						5.31	9.02				
	8	6.39	10.44	17.34	33.16	59.95	6.21	8.46	14.23	29.80	52.06
		6.77	10.44	17.28	31.48	54.29	6.64	9.03	15.00	29.92	49.82
6.51		10.09	16.23	31.31	56.42	5.21	10.16	16.96	33.15	54.48	
6.76		9.54	15.57	31.73	55.52	5.93	10.00	16.47	32.45	53.73	
5.60		8.37	14.10	28.76	49.38	5.92	8.73	14.77	30.29	51.94	
7.12		10.20				5.88	9.89				
						6.59	9.09				
						5.92	7.84				
						5.73	10.54				
						5.73	8.54				
9	6.42	11.59	17.71	33.75	55.38	6.10	11.37	18.60	35.16	54.74	
	6.24	10.70	18.22	34.23	55.29	5.83	9.04	14.40	30.00	49.98	
	6.22	10.65	16.67	32.95	53.87	6.42	11.13	17.64	32.67	53.99	
	5.98	10.36	17.03	34.37	55.95	6.18	10.33	17.41	33.63	54.15	
	6.22	10.96	17.22	33.97	55.79	5.12	10.78	16.73	34.00	53.73	
	6.40	11.21									
	6.26	10.40									
	6.37	11.38									
	6.01	11.00									
	10	7.80	10.47	15.44	29.28	52.99	6.77	8.56	13.34	27.18	40.51
5.91		9.84	15.55	31.03	48.82	6.46	10.89	17.43	36.08	49.01	
8.00		9.78	15.16	29.23	47.10	6.76	10.49	15.69	29.06	56.47	
7.30		8.07	12.50	26.42	40.37	6.33	9.87	17.19	36.93	57.37	
7.50		10.09	14.09	26.00	45.04						
7.08		9.90	15.79	32.54	54.24						
6.96		10.18									
5.60		9.28									
6.75		6.33									
7.48											
6.72											
Mean	6.46	10.29	16.82	33.54	53.83	6.01	9.92	16.22	32.68	52.10	
S.D.	0.55	1.06	1.42	2.77	3.90	0.45	0.99	1.32	2.26	3.37	
n	67	59	41	41	41	63	55	39	39	39	

**Addendum 1-2 Body weights of offspring during postpartum period - individual values**

continued

**BPA 0.005mg/kg/day**

Animal ID-No.	Male					Female				
	Dam	0	4	7	14	21	0	4	7	14
11	8.90	11.68	17.22	28.34	41.74	6.28	11.34	18.50	32.12	52.04
	6.55	10.86	17.18	30.89	48.48	6.50	10.92	16.70	28.48	44.75
	6.43	11.57	18.01	29.82	48.10	6.39	11.42	17.96	30.32	48.12
	6.86	11.89	17.68	30.79	48.77	6.21	10.93	17.33	28.96	47.99
	7.02	11.37	17.76	31.24	49.44	6.20	10.70	16.55	29.08	48.10
						6.50	10.93			
						6.60	10.91			
						6.29	10.92			
12	7.92	12.64	18.76	35.30	57.85	6.68	12.71	19.10	37.05	60.80
	7.10	12.34	19.18	37.36	60.02	6.95	11.04	17.43	34.22	54.57
	7.41	12.29	18.55	37.82	61.15	6.83	10.54	16.64	33.79	54.77
	7.01	12.35	19.00	35.96	57.91	6.96	12.02	18.00	37.08	59.43
						6.62	11.67	17.94	33.96	56.86
						6.37	11.43	17.49	35.37	57.57
					6.45	11.64				
					6.82	11.83				
					6.61	11.54				
13	6.77	13.41	19.61	37.84	59.97	6.01	12.56	18.33	35.22	55.17
	6.91	12.93	18.74	38.21	58.92	6.61	11.46	17.01	35.43	56.96
	7.51	12.15	19.01	39.05	62.48					
	6.23	13.06	19.35	37.74	58.80					
	7.67	13.32	19.27	37.09	57.55					
	6.83	12.85	19.51	37.99	60.04					
7.30	12.47	18.59	37.05	60.64						
14	7.47	13.64	20.48	38.96	62.49	7.44	12.47	18.58	35.95	56.20
	7.89	13.98	20.18	39.80	61.55	6.94	12.99	18.96	34.63	54.56
	8.21	13.69	19.86	37.22	57.46	7.35	13.88	19.89	37.60	60.33
	7.55	14.18	20.32	38.96	63.08					
15	6.70	12.22	15.85	34.08	54.51	6.24	10.96	16.97	34.28	56.39
	7.17	12.12	18.60	36.23	60.76	6.57	11.22	17.87	35.64	57.53
	7.18	10.91	17.25	35.35	58.31	6.68	11.66	17.17	35.88	56.94
	6.76	11.42	18.07	35.89	57.85	6.45	10.75	17.29	33.05	54.34
	7.01	12.08	19.73	38.15	61.20	6.34	11.39	17.66	33.57	54.17
	6.86	12.11				6.54	11.25			
6.21	12.37				6.14	11.68				
6.31	10.63									
16	9.27	17.58	25.69	43.89	72.33	9.03	16.92	25.19	45.12	69.63
	9.47	18.46	26.54	45.73	71.81					
	8.60	18.30	26.19	42.26	70.05					
	9.33	18.22	26.71	46.17	74.48					
17	8.61	14.38	21.69	43.51	71.38	7.57	14.92	22.27	41.97	71.03
	7.75	14.42	22.39	43.83	70.67	7.82	15.10	22.85	45.91	72.43
	7.81	15.37	23.30	44.15	70.33					
	7.87	16.03	23.71	44.22	70.40					
18	5.97	8.87	13.56	28.10	43.80	5.46	8.42	14.71	27.01	45.60
	5.92	8.89	13.79	28.51	45.81	5.54	8.75	14.62	28.77	46.74
	5.67	8.86	14.18	28.82	46.74	5.24	8.28	13.73	26.79	43.09
	5.76	9.37	15.39	29.65	45.73	5.93	9.08	14.44	27.56	44.38
	6.00	8.90	14.82	28.43	44.18	5.80	8.73	13.97	27.85	46.71
						5.45	9.65			
					5.54	8.35				
					4.85	7.08				
					5.42	7.85				
19	7.95	10.96	17.15	31.74	55.33	7.52	10.39	16.18	29.54	49.57
	7.23	10.23	16.41	32.46	56.00	6.36	9.84	15.72	28.54	50.30
	7.08	11.15	17.85	34.12	57.26	6.21	8.31	12.85	27.32	45.37
	7.47	10.15	16.01	30.29	52.05	6.95	10.07	15.50	28.42	47.46
	8.37	10.43	16.31	30.91	52.03	6.41	10.35	16.50	30.85	49.31
	7.57	11.10								
7.55	9.98									
20	5.63	9.77	15.01	31.54	52.03	5.38	9.67	15.78	32.52	52.52
	5.88	8.98	14.60	30.25	51.99	5.64	9.21	13.88	27.89	46.16
	6.00	9.52	15.23	31.57	52.05	5.63	9.63	14.86	32.46	45.70
	5.81	10.46	17.02	34.36	52.36	5.89	8.82	13.86	27.33	47.98
	6.40	9.07	14.75	31.26	51.84	5.95	8.94	14.56	28.77	53.14
	5.72	10.13				5.33	8.76			
					6.20	8.93				
					5.49	9.13				
					5.51	9.69				
					5.66	9.94				
Mean	7.12	12.15	18.67	35.69	57.45	6.33	10.71	17.05	32.73	53.20
S.D.	0.95	2.43	3.29	5.16	8.35	0.74	1.86	2.56	4.78	7.17
n	54	54	48	48	48	56	56	39	39	39



**Addendum 1-2 Body weights of offspring during postpartum period - individual values**

continued

**BPA 0.05mg/kg/day**

Animal ID-No.	Male					Female					
	Dam	0	4	7	14	21	0	4	7	14	21
21	7.44	12.23	18.34	33.19	53.96	6.49	11.8	17.69	32.28	52.33	
	7.31	12.34	18.17	33.65	53.24						
	7.17	12.50	18.62	32.94	48.52						
	6.98	12.65	18.90	33.87	53.45						
	7.29	11.78	17.92	32.08	55.31						
	6.79	12.77	19.00	34.06	53.72						
	7.33	12.15	17.82	33.48	54.37						
	6.83	12.59	18.19	32.05	53.29						
	7.08	13.00	19.54	33.74	57.32						
	7.34	12.05									
22	6.73	11.68	17.85	34.09	54.65	7.03	11.75	17.43	34.35	54.52	
	6.44	12.31	17.40	34.66	54.32	6.59	11.10	16.99	34.04	53.26	
	6.63	12.07	17.39	34.46	56.03	6.32	11.33	17.15	34.37	52.23	
	6.52	11.64	17.14	34.05	56.21	6.01	12.49	18.11	34.01	53.31	
	6.98	12.10	18.12	35.78	56.37						
	6.57	12.27	18.11	35.64	53.28						
	23	6.42	9.67	15.98	33.00	53.69	5.70	9.84	16.12	31.46	51.44
		5.92	9.48	15.39	32.36	52.07	5.83	9.53	15.18	32.72	51.95
		6.43	9.16	14.86	30.84	50.64	5.39	8.94	14.73	31.01	49.15
		5.56	10.73	17.37	34.04	52.77	5.85	9.79	14.97	31.40	47.62
6.10		9.38	15.12	31.50	49.81	5.57	8.62	14.18	30.29	50.57	
6.24		8.98				6.51	8.78				
6.08		9.84				5.77	8.37				
						5.73	8.94				
						5.11	8.94				
						4.93	8.51	14.06	28.83	45.28	
24	5.91	9.42	15.47	30.41	43.79	5.28	9.49	14.86	30.36	44.89	
	5.71	9.66	15.30	30.33	45.26	5.29	8.31				
	5.76	9.77	15.87	31.87	49.19	5.63	8.46	14.13	29.50	44.60	
	5.10	9.93	16.11	32.20	48.75	5.08					
	5.60	8.13	13.38	28.39	42.52						
	5.03	8.75	14.29	30.54	47.81						
	5.28	9.86									
	5.62	8.98									
	25	5.91	9.36	14.97	32.68	48.06	5.21	8.94	15.22	32.5	47.97
		5.82	9.12	14.68	31.66	45.41	5.60	8.80	14.60	31.25	48.89
5.94		9.60	15.77	31.63	45.48	5.65	8.66	14.39	30.73	45.04	
5.88		8.85	14.99	32.31	46.45	5.60	9.38	15.13	32.11	48.41	
5.99		9.47	15.83	32.84	47.01	5.90	9.26	14.84	29.98	45.78	
5.75		9.35				5.57	9.38				
5.53		8.83				5.33	8.51				
26		6.50	11.18	18.45	37.39	56.44	7.43	10.61	19.16	37.53	58.01
		6.39	12.07	20.27	38.46	54.50	6.91	10.24	17.04	34.59	53.85
		6.26	10.94	17.88	37.79	57.50	6.67	10.71	17.44	35.09	54.06
	6.60	11.72	18.62	37.06	53.69	7.47	11.05	16.15	34.42	52.22	
	7.53	10.37	17.88	36.43	54.14	6.18	11.44	17.58	35.68	54.45	
						8.08	12.28				
						6.01	12.49				
	27	6.76	11.12	17.47	35.64	58.30	6.80	11.95	18.10	34.23	52.97
		6.87	10.20	15.69	32.03	50.93	6.84	10.18	16.55	33.31	53.35
		7.36	11.21	17.40	34.77	56.28	6.91	11.23	17.78	34.94	55.18
6.90		10.14	16.40	31.76	54.13	6.79	11.31	17.08	33.28	52.36	
6.34		11.74	18.58	36.14	62.27	7.33	10.27	16.51	34.27	55.38	
						6.41	10.77				
						7.38	10.28				
						6.47	9.98				
						6.78					
28		6.96	10.00	16.40	33.22	52.77	6.67	9.81	15.85	32.73	53.35
	6.57	10.31	16.51	32.79	53.69	6.84	10.05	16.87	34.35	54.47	
	7.52	9.83	16.67	34.14	55.29	6.48	9.08	14.64	32.23	52.53	
	6.79	9.00	14.82	32.92	50.77	6.42	10.38	16.03	32.32	53.09	
	6.60	11.06	17.69	34.85	55.11	6.93	10.55	16.54	34.92	51.85	
	7.27	10.99				6.52	8.64				
	7.30	10.01				6.23	9.79				
						6.26	10.86				
	29	5.46	8.86	15.18	34.29	55.78	5.96	9.79	16.39	35.75	56.26
		6.37	9.30	15.44	33.99	52.94	6.17	8.98	14.93	32.14	52.51
6.90		9.72	16.13	34.78	55.70	5.25	7.69	12.27	30.91	48.17	
6.02		9.23	15.06	31.65	52.39	5.80	9.31	15.84	34.36	52.69	
6.77		9.58	15.60	34.66	54.03	5.67	8.77	15.10	32.23	52.62	
6.06		8.41				4.57	7.39				
6.37		9.46				5.48					
6.39		10.40									
5.68		10.21									
30		6.77	10.83	17.86	31.97	53.74	6.04	10.40	18.06	30.20	45.30
	7.19	10.88	18.69	32.99	53.46	6.51	9.43	15.65	29.48	46.56	
	7.08	10.36	17.78	30.92	46.15	6.11	9.23	16.12	27.60	45.11	
	7.05	10.35	17.24	30.94	52.59	6.76	10.17	17.39	29.89	50.41	
	7.46	11.16	17.95	33.86	54.61	6.14	9.73	16.65	30.62	51.57	
	6.22	8.78				6.89	9.40				
	5.58	8.89									
	7.34	11.63									
	7.19	11.40									
	Mean	6.49	10.46	16.88	33.39	52.50	6.14	9.87	16.08	32.52	51.06
S.D.	0.65	1.28	1.52	2.01	3.97	0.67	1.19	1.42	2.17	3.52	
n	73	73	56	56	56	63	60	43	43	43	

**Addendum 1-2 Body weights of offspring during postpartum period - individual values**

continued

**BPA 40mg/kg/day**

Animal ID-No.	Male					Female				
	Dam	0	4	7	14	21	0	4	7	14
31	6.88	9.68	15.02	30.59	51.19	6.29	8.86	14.22	30.67	49.80
	6.46	9.71	15.25	32.51	53.98	6.68	9.37	14.78	31.13	51.46
	7.40	9.79	15.47	31.79	52.34	6.00	9.25	14.11	29.35	49.14
	6.69	9.35	14.85	30.66	53.09	6.27	8.94	13.57	30.62	49.65
	7.63	10.13	15.67	32.83	53.20					
	6.76	10.30	15.92	33.98	55.69					
	7.22	9.25								
	7.16	9.44								
	6.16	11.99	17.61	35.06	55.11	5.85	10.30	16.86	33.17	52.21
	6.25	11.78	18.79	35.91	57.86	6.47	10.75	16.66	32.74	53.56
32	6.22	11.84	17.93	33.56	54.42	5.53	10.51	17.02	33.61	55.12
	6.67	12.24	18.81	35.53	55.37	5.69	11.90	19.10	36.01	54.54
	6.45	12.45	19.35	34.82	55.93	5.20				
	6.67	11.58	17.91	32.84	52.00	5.35				
	6.28	13.03								
	7.15	11.47								
	6.96	11.69	18.25	34.66	58.44	6.74	11.47	18.29	34.49	57.47
	6.75	12.35	20.01	38.16	62.74	6.87	11.32	17.85	35.59	57.84
	7.12	11.41	18.34	36.44	62.31	6.77	10.61	17.23	35.51	60.60
	7.02	11.27	18.48	35.63	60.59	6.53	11.30	18.15	34.31	55.73
33	6.77	11.70	18.35	35.07	58.09	6.44	11.57	17.79	35.10	57.93
	7.00	12.36								
	7.19	11.41								
	6.86	12.19								
	6.17	8.85	14.72	33.14	49.23	6.43	9.32	14.84	32.41	50.54
	6.92	11.14	17.38	36.35	54.77	6.47	9.49	16.11	35.11	53.48
	6.98					6.37	8.87	14.88	32.89	50.94
						6.49	10.23	16.53	35.00	51.04
						6.73	10.97	17.70	36.23	53.71
						6.45	9.77	15.77	33.88	53.88
34	6.43	9.82	14.91	32.19	48.24	5.39	8.20	13.95	30.12	49.15
	5.45	8.87	14.25	31.08	48.43	5.22	8.79	13.53	26.68	44.07
	5.59	9.96	15.33	31.94	52.52	5.30	8.82	14.59	28.91	46.88
	5.49	9.08	14.65	31.31	51.50	5.24	8.79	13.90	28.40	47.06
	5.31	8.66	14.86	30.47	49.72	4.97	9.32	15.29	32.14	48.99
	5.81	9.00	14.60	30.26	51.08	5.51	8.91			
	5.85	8.95								
	5.32	7.49								
	5.54	8.63								
	5.16	9.49								
35	6.33	9.64	16.47	31.37	49.90	6.30	8.58	14.20	29.43	47.26
	6.35	9.97	15.80	32.11	50.20	6.06	8.76	13.88	28.11	45.62
	5.96	10.82	17.56	32.66	53.75	5.89	9.59	15.67	30.33	47.27
	6.56	10.47	16.63	31.02	51.78	6.01	8.91	14.55	28.56	44.92
	6.06	8.79	15.10	29.56	48.79	5.92	9.16	15.41	29.57	47.21
	6.43	9.76				5.64	8.84			
	6.32	9.63				5.98	9.23			
						5.99	10.58			
	5.88	9.33	15.44	31.47	48.93	6.23	9.01	15.05	29.63	49.19
	6.67	8.90	15.18	29.82	48.13	5.44	9.65	16.27	29.20	47.56
36	6.60	9.45	14.81	28.76	44.86	6.50	9.84	16.52	33.71	54.91
	6.00	10.72	17.61	33.90	54.37	5.82	9.75	16.05	31.57	51.98
	6.47	9.70	16.05	31.79	51.85	6.14	10.36	17.38	32.49	52.40
	6.25	10.13				5.82	10.23			
	6.44	9.47				5.98	6.98			
	6.11	10.15				4.66	9.08			
	6.61	9.74	16.39	34.48	54.46	5.70	9.95	16.95	33.03	51.08
	5.65	10.46	17.16	35.93	54.89	6.16	9.67	16.10	32.12	49.87
	6.10	8.88	14.65	31.44	48.75	5.60	9.11	15.49	31.35	49.30
	6.56	8.93	14.30	29.48	45.35	5.87	8.92	15.54	31.42	50.04
37	6.25	10.35	18.16	35.22	55.14	5.74	9.64	16.56	33.68	53.79
	5.68	10.06				6.07	6.37			
	5.85	9.75				5.09	9.47			
	6.39									
	6.74	11.55	18.80	35.17	53.38	6.22	11.46	18.52	34.25	56.59
	6.74	12.42	19.83	38.40	55.06	6.60	10.58	17.04	31.32	53.23
	6.58	11.74	17.64	31.93	53.45	5.52	10.72	17.52	33.49	51.39
	5.89	11.37	17.94	35.27	54.77	6.15	10.63	16.67	30.93	48.73
	6.02	10.95	17.50	34.12	62.36	5.47	11.15	17.19	33.00	49.37
	6.30	10.66				8.25	11.03			
38	5.59	10.64				5.59	10.64			
	6.03	9.91				6.03	9.91			
	6.36	9.94	16.29	32.37	50.68	6.46	9.20	14.49	29.02	51.27
	5.61	9.51	15.12	30.29	50.48	5.55	9.49	14.89	30.05	49.41
	6.44	9.01	14.48	30.96	49.14	6.68	10.21	15.83	32.03	52.41
	6.06	10.32	16.05	32.16	54.72	5.67	9.20	14.89	29.64	48.76
	5.41	10.48	16.37	31.25	49.95	5.47	10.11	15.84	31.36	47.09
	6.41	8.82				6.58	10.05			
	6.93	10.15				4.15				
	Mean	6.37	10.29	16.59	32.97	53.16	5.95	9.74	15.92	31.91
S.D.	0.55	1.21	1.63	2.33	4.02	0.55	1.04	1.42	2.33	3.60
n	72	70	49	49	49	66	63	50	50	50

**Addendum 1-2 Body weights of offspring during postpartum period - individual values  
continued**

**BPA 400mg/kg/day**

Animal ID-No.	Male					Female				
	Dam	0	4	7	14	21	0	4	7	14
41	6.36	9.68	14.72	29.63	50.24	5.88	9.88	12.69	27.24	46.84
	6.04	10.17	16.10	31.34	52.22	6.59	9.41	14.73	29.58	50.58
	7.08	9.85	14.82	29.18	50.95	6.71	8.51	15.28	30.42	53.80
	6.54	9.76	14.81	29.97	49.91	6.12	9.55	15.09	30.69	51.86
	6.78	10.08	14.98	28.96	51.02	4.93	10.25	15.71	31.31	54.40
	6.52	9.81				5.57	7.95			
	6.08	9.15	15.01	30.68	47.90	5.04	8.63	14.38	29.46	44.89
42	5.41	9.21	15.25	30.74	48.77	5.78	9.46	15.41	31.14	47.18
	5.68	10.26	16.36	33.17	50.55	5.44	9.46	15.68	31.05	49.37
	5.61	9.20	14.67	30.28	46.23	5.08	8.72	14.20	29.56	46.16
	5.58	10.41	16.19	31.89	49.67	5.14	10.31	16.57	31.90	47.57
	5.94	9.45				5.50	7.93			
						5.74	8.04			
						5.57				
43	5.74	9.70	15.65	31.11	49.56	5.55	9.16	15.41	30.99	51.36
	6.16	8.99	14.58	29.85	47.96	6.15	9.22	15.72	31.09	50.49
	5.86	9.19	15.59	31.43	48.54	5.78	8.83	14.35	31.16	49.12
	6.00	9.30	15.86	31.76	53.12	5.66	9.63	16.41	31.04	53.28
	6.13	9.60	16.43	33.83	52.05	6.06	9.39	15.37	29.34	45.34
	6.00	9.87				5.85	9.35			
	6.21	9.36								
5.77	8.92									
44	6.21	7.62	11.90	28.24	50.08	5.82	7.64	12.39	28.33	48.61
	6.07	7.50	12.18	27.26	49.27	5.80	7.49	11.93	27.15	47.64
	6.14	7.82	12.99	28.00	50.59	5.38	7.07	11.65	27.25	45.68
	6.70	7.55	12.88	28.67	49.84	6.10	7.57	12.08	28.77	50.00
	5.95	7.95	12.98	30.10	51.11	6.23	7.44	12.00	28.42	50.17
	5.82	8.16				6.08	7.10			
	5.37	8.16								
6.13	6.89									
45	5.89	10.90	17.73	34.06	53.99	6.16	10.74	16.66	31.62	51.70
	5.93	10.64	16.90	31.49	51.92	5.60	10.21	17.04	32.81	53.38
	6.30	11.12	18.51	33.83	56.08	5.93	10.79	17.13	33.59	55.14
	6.38	11.50	18.28	33.98	57.34	5.61	10.17	16.59	32.43	53.64
	6.08	10.63	17.40	32.04	56.62	5.57	9.94	15.60	30.00	50.19
	5.96	10.01				5.96	9.35			
						6.26	10.24			
					5.79	9.99				
46	5.85	9.61	16.54	34.22	56.28	5.51	7.45	12.97	29.13	49.26
	6.73	9.18	15.27	30.99	50.75	6.23	9.07	15.52	32.92	51.67
	7.01	9.22	15.76	32.10	52.63	6.21	8.21	13.74	29.54	48.28
	5.96	9.34	15.74	33.40	54.01	6.02	8.91	15.80	31.91	52.22
	6.20	9.50	16.61	34.02	53.37	6.12	8.36	14.91	31.12	52.25
	6.75	8.86				5.81	8.88			
	6.21	9.53								
6.25	8.75									
47	6.63					5.82				
	6.48					5.67				
	6.26					5.48				
	6.51					5.34				
	6.01					5.97				
	6.43					5.52				
	5.63					6.07				
48	6.16	7.91	13.06	29.24	48.28	5.71	6.14	9.92	24.66	41.12
	5.88	7.62	12.99	29.13	48.15	5.90	7.51	12.68	28.46	46.59
	5.61	7.82	12.59	29.60	48.62	5.46	8.18	13.98	31.02	50.19
	5.82	7.80	13.18	29.96	48.27	5.21	7.90	11.64	27.40	46.14
	5.63	8.53	14.02	30.36	48.43	5.66	7.68	11.97	28.27	47.60
	5.97	8.68				4.96	8.03			
	5.52	7.92								
5.61	7.51									
6.21	7.46									
49	5.93	8.45	14.95	32.88	51.56	5.93	7.95	13.55	29.03	48.22
	5.49	9.70	15.56	31.19	50.97	5.02	9.78	15.71	32.46	52.14
	5.95	9.29	15.52	31.98	53.65	5.80	10.16	16.58	33.80	54.03
	5.65	8.28	13.99	28.88	47.18	5.44	8.86	15.33	32.01	51.64
	5.47	9.23	14.99	30.93	51.08	5.67	9.14	15.80	32.33	50.41
	6.01	8.03				5.44	9.57			
	5.52	8.95				5.21	8.40			
5.74	10.05									
5.77	9.83									
50	6.16	10.05	15.58	31.31	50.82	6.01	9.67	14.96	30.92	53.13
	6.07	10.92	16.10	32.28	51.91	5.77	9.70	15.03	29.95	48.98
	6.45	10.16	15.43	30.97	53.67	6.14	9.65	14.67	30.25	48.52
	6.07	10.03	15.78	31.46	51.84	5.55	9.11	14.29	28.53	47.64
	5.79	10.49	15.90	31.95	54.15	5.87	9.97	15.33	30.10	50.27
						5.44	10.39			
Mean	6.05	9.19	15.16	31.07	51.14	5.73	8.93	14.54	30.23	49.75
S.D.	0.38	1.05	1.55	1.78	2.60	0.37	1.06	1.71	1.91	2.97
n	72	65	45	45	45	66	58	45	45	45

**Addendum 1-2 Body weights of offspring during postpartum period - individual values**

continued

**EE 0.05mg/kg/day**

Animal ID-No.	Male					Female				
	Dam	0	4	7	14	21	0	4	7	14
51	5.93	9.75	13.71	30.28	48.97	6.27	9.79	14.31	31.07	49.42
	6.09	10.00	14.47	31.55	49.33	5.37	9.47	14.72	31.10	49.47
	6.48	10.10	15.99	33.13	50.43	5.82	8.26	12.38	26.16	38.88
	5.85	10.72	16.37	32.99	52.88	5.28	9.83	15.15	30.78	51.53
	7.18	9.80	15.76	33.11	50.78	5.51	8.76	13.70	29.26	49.34
	5.81	9.67				5.06	7.48			
5.80	10.81									
52	6.81	11.00	16.71	31.54	51.40	6.33	10.72	16.48	32.23	52.48
	5.01	11.00	16.49	31.15	49.95	6.51	9.46	14.77	29.23	49.22
	6.44	9.94	16.06	31.33	51.84	6.16	9.76	15.17	29.82	50.00
	6.01	9.67	15.30	30.92	50.74	6.73	10.53	15.88	31.25	51.10
	6.69	11.10	17.11	32.68	54.70	6.25	9.67	15.48	30.33	49.61
	6.59	10.78				5.51	9.54			
6.30	10.51									
6.82										
53	4.87	7.79	12.68	24.25	38.59	4.63	7.95	13.21	25.01	39.50
	5.09	7.39	12.06	23.05	37.12	5.35	7.92	13.60	24.92	40.99
	4.98	8.33	13.71	26.19	42.18	5.13	8.23	13.29	25.03	37.71
	6.05	8.28	12.94	24.32	39.99	5.11	8.78	14.23	25.70	40.07
	5.60	7.66	13.24	24.30	39.01	5.13	6.72	11.62	21.82	35.76
	5.05	9.27				5.26	7.99			
5.70	8.22				5.03	7.20				
					5.25	6.58				
54	6.37	9.30	15.69	32.56	52.65	6.63	10.07	16.24	31.03	51.91
	5.91	9.19	14.35	29.13	48.12	5.24	9.65	15.32	31.69	53.05
	6.05	10.57	16.66	33.90	55.65	6.18	9.04	15.51	31.28	51.90
	5.52	10.57	16.93	31.95	54.74	5.69	10.42	16.60	32.69	54.17
	5.77	9.88	16.05	31.84	53.89	5.70	9.72	15.93	30.11	49.56
	6.36	9.71								
5.98	9.71									
6.82	10.94									
6.43	9.94									
55	6.68	10.50	16.04	31.57	53.62	5.97	10.27	15.17	29.59	51.38
	6.76	10.51	15.85	31.39	52.65	6.32	10.18	14.65	29.44	51.00
	6.33	9.98	15.20	30.08	48.93	5.72	9.71	14.16	28.18	47.26
	6.10	10.70	15.75	30.71	51.18	5.92	10.41	15.62	30.55	51.09
	6.29	11.29	15.58	29.17	48.83	6.18	11.16	17.09	31.28	52.20
						5.77	9.42			
					5.44	8.88				
56	5.90	10.39	16.16	30.00	48.73	5.18	10.72	16.40	28.25	47.35
	6.17	10.11	15.05	27.80	45.22	5.93	10.60	16.89	29.51	47.10
	5.12	10.45	15.40	27.78	44.77	6.79	10.38	16.25	29.35	47.14
	6.18	10.74	16.97	30.69	50.82	5.62	10.62	16.80	29.61	44.97
	5.66	8.82	13.70	26.50	41.09	6.56	10.48	15.94	27.35	44.18
						5.98	9.18			
					6.07	11.13				
57	6.69	9.40	15.60	28.34	46.13	6.38	9.26	14.91	27.23	41.84
	7.13	9.84	15.71	29.23	42.83	5.88	9.58	15.47	27.64	40.62
	6.72	10.76	16.39	30.70	46.50	6.15	10.00	16.06	29.48	42.62
	6.70	10.28	16.62	30.24	44.17	5.91	9.98	15.67	28.21	41.25
	6.50	10.19	15.74	28.10	46.15	5.54	8.60	14.39	26.58	46.59
	6.23	10.82				6.19	9.00			
6.57	9.46				6.56	8.51				
58	6.64	11.03	16.29	29.65	48.40	6.74	10.89	15.69	29.71	48.88
	6.97	11.77	17.10	32.54	54.88	6.58	10.96	16.11	28.88	48.35
	6.96	10.49	15.92	30.65	50.16	6.50	10.84	15.72	29.07	50.02
	7.12	11.13	16.00	29.36	49.04	6.81	10.91	15.56	28.66	48.43
	6.75	10.81	16.06	29.97	49.38	7.03	11.10	16.30	29.91	50.09
						6.56	10.91			
					6.77	10.72				
59	5.45	9.32	14.86	29.76	44.93	5.51	8.96	14.65	30.10	45.91
	5.40	8.49	12.84	28.36	43.70	5.80	9.41	15.03	29.94	45.40
	5.36	8.74	14.25	30.95	45.28	5.40	9.53	14.90	30.37	45.11
						5.62	8.55	14.21	29.83	47.41
						5.18	8.91	14.31	29.53	43.99
						5.47	8.71	13.97	27.94	43.47
					5.82	8.46	14.17	29.35	44.07	
					5.88	9.19				
					5.41	9.67				
					5.63	7.97				
60	5.82	7.11	10.91	24.14	40.64	4.96	7.13	11.86	25.04	43.63
	5.77	7.41	12.34	28.03	44.50	4.86	7.57	13.22	26.57	46.54
	5.52	8.71	14.58	29.69	45.99	5.20	6.53	11.73	25.51	42.06
	5.93	7.52	13.05	27.31	49.75					
	4.88	7.53	11.99	25.76	45.01					
	5.70	7.29	12.91	25.42	45.40					
5.39	7.19	12.99	27.36	43.04						
5.26	8.05									
4.97	6.70									
5.25	7.80									
4.91	6.59									
5.11	7.74									
Mean	6.02	9.51	15.00	29.39	47.69	5.83	9.37	14.93	28.86	46.71
S.D.	0.64	1.33	1.58	2.73	4.65	0.58	1.20	1.33	2.24	4.46
n	67	67	50	50	50	66	66	50	50	50