

Table 2-1 Summarized results of phthalate diesters measurement

	Industrial district									
	Atmospheric humidity(ng/m ³)									
	Diethyl Phthalate	Dipropyl Phthalate	DI-n-butyl Phthalate	DI-n-pentyl Phthalate	Dihexyl Phthalate	Butyl benzyl Phthalate	DI-(2-ethylhexyl) adipate	Dicyclohexyl Phthalate	DI-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Number of samples from which substances were detected	<u>28</u>	<u>5</u>	<u>32</u>	<u>4</u>	<u>0</u>	<u>24</u>	<u>53</u>	<u>1</u>	<u>22</u>	<u>2</u>
Number of samples surveyed	59	59	59	59	59	59	59	59	59	59
Minimum value	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum value	18	1.8	100	1.5	< 9.6	4.0	8.7	4.9	170	44

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the value is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

Values below the minimum limit value of detection are indicated as <minimum limit value of detection, and values over the minimum limit value of detection but below the minimum limit value of determination are indicated in ().

	Residential district									
	Atmospheric humidity(ng/m ³)									
	Diethyl Phthalate	Dipropyl Phthalate	DI-n-butyl Phthalate	DI-n-pentyl Phthalate	Dihexyl Phthalate	Butyl benzyl Phthalate	DI-(2-ethylhexyl) adipate	Dicyclohexyl Phthalate	DI-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Number of samples from which substances were detected	<u>32</u>	<u>2</u>	<u>33</u>	<u>2</u>	<u>0</u>	<u>15</u>	<u>44</u>	<u>3</u>	<u>23</u>	<u>1</u>
Number of samples surveyed	60	60	60	60	60	60	60	60	60	60
Minimum value	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum value	8.7	(0.39)	140	0.86	< 9.6	4.0	21	3.2	320	40

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the value is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

Values below the minimum limit value of detection are indicated as <minimum limit value of detection, and values over the minimum limit value of detection but below the minimum limit value of determination are indicated in ().

	Suburban district									
	Atmospheric humidity(ng/m ³)									
	Diethyl Phthalate	Dipropyl Phthalate	DI-n-butyl Phthalate	DI-n-pentyl Phthalate	Dihexyl Phthalate	Butyl benzyl Phthalate	DI-(2-ethylhexyl) adipate	Dicyclohexyl Phthalate	DI-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Number of samples from which substances were detected	<u>22</u>	<u>4</u>	<u>21</u>	<u>5</u>	<u>0</u>	<u>8</u>	<u>43</u>	<u>3</u>	<u>16</u>	<u>2</u>
Number of samples surveyed	59	59	59	59	59	59	59	59	59	59
Minimum value	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum value	8.2	2.0	160	1.0	< 9.6	5.5	5.9	2.6	360	69

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the value is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

Values below the minimum limit value of detection are indicated as <minimum limit value of detection, and values over the minimum limit value of detection but below the minimum limit value of determination are indicated in ().

Table 2-2 Results of phthalate diesters measurement

	Measurement site	Measurement date	Total quantity of airflow (m ³)	Industrial district										Di-iso-nonyl phthalate
				Atmospheric humidity(ng/m ³)										
				Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Dihexyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate		
Hokkaido	Muroran City	10/22	10.9	< 1.7	< 0.29	(22)	< 0.16	< 9.6	< 0.72	2.3	< 0.38	110	< 12	
Sapporo City	Nishi Ward	10/29	10.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	3.9	5.8	< 0.38	(44)	< 12	
Aomari Pref.	Hachinohe City	10/12	12.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	4.0	< 0.38	< 33	< 12	
Iwate Pref.	Kitakami City	10/29	10.8	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.8)	3.4	< 0.38	< 33	< 12	
Miyagi Pref.	Iwanuma City	10/29	10.7	< 1.7	1.7	< 20	1.5	< 9.6	< 0.72	5.7	< 0.38	(48)	< 12	
Sendai City	Miyagino Ward	10/13	8.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.4	< 0.38	< 33	< 12	
Akita Pref.	Akita City	10/22	11.7	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.1)	(0.58)	< 0.38	(38)	< 12	
Yamagata Pref.	Tsuruoka City	10/21	11.4	< 1.7	< 0.29	(21)	< 0.16	< 9.6	< 0.72	(1.7)	< 0.38	(88)	< 12	
Fukushima Pref.	Iwaki City	10/27	11.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.2	< 0.38	< 33	< 12	
Ibaraki Pref.	Kashima County	10/26	11.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.9	< 0.38	< 33	< 12	
Tochigi Pref.	Moka City	10/22	10.4	(1.7)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(0.69)	< 0.38	< 33	< 12	
Gunma Pref.	Isezaki City	10/22	12.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.2)	2.5	< 0.38	< 33	< 12	
Saitama Pref.	Soka City	10/20	10.2	7.7	< 0.29	(47)	< 0.16	< 9.6	< 0.72	2.4	< 0.38	(48)	< 12	
Chiba Pref.	Ichihara City	10/26	10.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.8	< 0.38	*2< 33	< 12	
Chiba City	Chuo Ward	10/28	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	2.7	5.0	< 0.38	< 33	< 12	
Tokyo	Arakawa Ward	10/27	11.9	6.0	< 0.29	(43)	< 0.16	< 9.6	(1.2)	7.0	< 0.38	(62)	(32)	
Kanagawa Pref.	Atsugi City	10/19	11.5	(2.8)	< 0.29	(33)	< 0.16	< 9.6	< 0.72	(1.1)	< 0.38	< 33	< 12	
Yokohama City	Tsurumi Ward	10/27	10.3	(4.6)	< 0.29	71	< 0.16	< 9.6	(1.8)	3.8	< 0.38	(42)	< 12	
Kawasaki City	Kawasaki Ward	10/15	10.7	(2.2)	< 0.29	(31)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Niigata Pref.	Nakakubiki County	10/22	11.0	(2.1)	< 0.29	< 20	< 0.16	< 9.6	*2 (1.7)	3.6	< 0.38	(89)	< 12	
Toyama Pref.	Takaoka City	10/27	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	4.3	< 0.38	< 33	< 12	
Ishikawa Pref.	Kaga City	10/ 8	16.7	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	1.9	< 0.38	< 33	< 12	
Fukui Pref.	Mikuni Town	10/27	10.6	< 1.7	< 0.29	(27)	< 0.16	< 9.6	< 0.72	2.5	< 0.38	< 33	< 12	
Yamanashi Pref.	Nakakoma County	10/27	11.4	< 1.7	< 0.29	(21)	< 0.16	< 9.6	2.6	3.4	< 0.38	< 33	< 12	
Nagano Pref.	Suwa City	10/21	13.3	6.3	< 0.29	< 20	< 0.16	< 9.6	(1.4)	3.9	< 0.38	130	< 12	
Gifu Pref.	Ogaki City	10/19	10.8	(1.8)	< 0.29	(24)	< 0.16	< 9.6	< 0.72	(0.77)	< 0.38	140	< 12	
Shizuoka Pref.	Fuji City	10/26	9.9	(2.9)	< 0.29	(52)	< 0.16	< 9.6	< 0.72	3.3	< 0.38	< 33	< 12	
Aichi Pref.	Handa City	11/12	11.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(2.3)	8.7	< 0.38	< 33	< 12	
Nagoya City	Minami Ward	10/22	12.1	(3.0)	(0.32)	100	(0.44)	< 9.6	(1.4)	6.9	< 0.38	(35)	< 12	
Mie Pref.	Yokkaichi City	10/20	12.3	(1.9)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(0.93)	< 0.38	170	< 12	
Shiga Pref.	Koga County	10/27	11.6	< 1.7	< 0.29	(23)	< 0.16	< 9.6	< 0.72	5.2	< 0.38	< 33	< 12	
Kyoto Pref.	Uji City	10/26	10.7	(2.2)	< 0.29	(40)	< 0.16	< 9.6	(1.3)	3.0	< 0.38	(43)	< 12	
Kyoto City	Minami Ward	10/28	10.1	6.5	< 0.29	(43)	< 0.16	< 9.6	3.9	3.1	< 0.38	< 33	< 12	
Osaka Pref.	Takaishi City	10/27	10.5	8.6	< 0.29	69	< 0.16	< 9.6	(1.9)	6.3	< 0.38	(96)	44	
Osaka City	Nishiyodogawa Ward	10/28	10.5	5.8	< 0.29	68	< 0.16	< 9.6	3.8	7.8	< 0.38	(51)	< 12	
Hyogo Pref.	Amagasaki City	10/19	11.1	< 1.7	< 0.29	(30)	< 0.16	< 9.6	< 0.72	2.2	< 0.38	*1(81)	< 12	
Kobe City	Nada Ward	10/19	10.7	(2.7)	< 0.29	(28)	< 0.16	< 9.6	(1.5)	(1.6)	< 0.38	(39)	< 12	
Nara Pref.	Yamatokoriyama City	10/19	8.9	10	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.7	< 0.38	< 33	< 12	
Wakayama Pref.	Wakayama City	10/27	9.9	(3.8)	< 0.29	(33)	< 0.16	< 9.6	< 0.72	2.8	< 0.38	(59)	< 12	

	Industrial district												
	Measurement site	Measurement date	Total quantity of airflow (m ³)	Atmospheric humidity(ng/m ³)									
				Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Diethyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Tottori Pref.	Kurayoshi City	10/13	11.8	(2.2)	< 0.29	(29)	< 0.16	< 9.6	< 0.72	(0.60)	< 0.38	< 33	< 12
Shimane Pref.	Izumo City	10/20	10.9	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	(41)	< 12
Okayama Pref.	Kurashiki City	10/26	11.4	(2.1)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.8)	< 0.38	< 33	< 12
Hiroshima Pref.	Fukuyama City	10/28	9.1	< 1.7	< 0.29	(22)	< 0.16	< 9.6	3.4	3.8	< 0.38	< 33	< 12
Hiroshima City	Minami Ward	10/28	10.7	(1.8)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.3	< 0.38	< 33	< 12
Yamaguti Pref.	Ube City	10/28	10.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	2.4	5.2	< 0.38	< 33	< 12
Tokushima Pref.	Anan City	10/19	9.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kagawa Pref.	Marugame City	10/19	10.7	< 1.7	< 0.29	(31)	< 0.16	< 9.6	< 0.72	(0.66)	< 0.38	< 33	< 12
Ehime Pref.	Niihama City	11/ 4	11.0	11	< 0.29	(23)	< 0.16	< 9.6	< 0.72	3.2	< 0.38	< 33	< 12
Kochi Pref.	Kochi City	10/20	10.3	(3.4)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Fukuoka Pref.	Omuta City	10/26	10.1	(2.8)	< 0.29	(37)	< 0.16	< 9.6	3.2	6.9	< 0.38	(51)	< 12
Kitakyushu City	Wakamatsu Ward	10/29	11.5	(4.5)	< 0.29	(57)	< 0.16	< 9.6	(2.2)	5.0	4.9	< 33	< 12
Fukuoka City	Hihashi Ward	11/ 4	12.5	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.9)	4.0	< 0.38	< 33	< 12
Saga Pref.	Imari City	10/26	10.2	< 1.7	< 0.29	87	< 0.16	< 9.6	< 0.72	2.2	< 0.38	< 33	< 12
Nagasaki Pref.	Isahaya City	11/26	10.8	< 1.7	1.2	< 20	(0.38)	< 9.6	4.0	4.1	< 0.38	< 33	< 12
Kumamoto Pref.	Yashiro City	10/21	10.2	(2.3)	< 0.29	(35)	< 0.16	< 9.6	< 0.72	2.3	< 0.38	(41)	< 12
Oita Pref.	Oita City	10/14	11.2	< 1.7	< 0.29	(24)	< 0.16	< 9.6	(1.8)	2.9	< 0.38	< 33	< 12
Miyazaki Pref.	Nobeoka City	10/15	10.2	18	< 0.29	81	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kagoshima Pref.	Sennai City	4/26	9.9	< 1.7	1.8	(25)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Okinawa Pref.	Itoman City	10/27	10.3	< 1.7	(0.81)	(46)	0.97	< 9.6	< 0.72	4.3	< 0.38	< 33	< 12
Number of samples from which substances were detected /Number of samples				28 /59	5 /59	32 /59	4 /59	0 /59	24 /59	53 /59	1 /59	22 /59	2 /59
Minimum value				< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum Value				18	1.8	100	1.5	< 9.6	4.0	8.7	4.9	170	44

For measurement sites where remeasurement was made, remeasurement values were used for statistical calculations.

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the values is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

*1 The duplicate measurement indicated more than 30% variation rate. The value should be omitted as a general rule, but is shown as a reference value.

*2 The duplicate measurement indicated the value of one sample over the minimum limit value of indication and the value of the other sample below the minimum limit value of detection.

The values should be omitted as a general rule, but are indicated as reference values.

	Residential district													
	Atmospheric humidity(ng/m ³)													
	Measurement site	Measurement date	Total quantity of airflow (m ³)	Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Dihexyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate	
Hokkaido	Ishikari City	10/20	8.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.1	< 0.38	(80)	< 12	
Sapporo City	Minami Ward	10/29	10.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	2.5	3.2	< 0.38	< 33	< 12	
Aomori Pref.	Aomori City	10/12	11.1	(3.5)	(0.39)	< 20	< 0.16	< 9.6	(1.6)	(1.7)	< 0.38	< 33	< 12	
Iwate Pref.	Morioka City	10/22	10.2	< 1.7	< 0.29	(20)	< 0.16	< 9.6	3.5	2.9	< 0.38	< 33	< 12	
Miyagi Pref.	Naruse Town	10/26	9.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.9	< 0.38	(34)	< 12	
Sendai Pref.	Wakaba Ward	10/13	3.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Akita Pref.	Odate City	10/20	11.0	(1.7)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	(69)	< 12	
Yamagata Pref.	Tsuruoka City	10/21	11.1	< 1.7	< 0.29	(29)	< 0.16	< 9.6	< 0.72	2.5	< 0.38	160	< 12	
Fukushima Pref.	Fukushima City	10/21	10.2	(1.7)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Ibaraki Pref.	Mito City	10/26	10.8	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.1	< 0.38	< 33	< 12	
Tochigi Pref.	Utsunomiya City	4/20	11.8	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Gunma Pref.	Shibukawa City	10/20	12.5	< 1.7	(0.30)	< 20	< 0.16	< 9.6	< 0.72	(1.8)	< 0.38	120	< 12	
Saitama Pref.	Shiki City	10/20	11.1	(3.9)	< 0.29	(29)	< 0.16	< 9.6	< 0.72	(1.2)	< 0.38	< 33	< 12	
Chiba Pref.	Sakura City	10/28	10.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.5	< 0.38	(50)	< 12	
Chiba City	Chuo Ward	10/28	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	2.7	4.9	< 0.38	(49)	< 12	
Tokyo	Meguro Ward	10/27	11.5	6.7	< 0.29	(54)	< 0.16	< 9.6	(1.5)	3.6	< 0.38	< 33	< 12	
Kanagawa Pref.	Ayase City	10/19	11.4	(2.9)	< 0.29	(48)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Yokohama City	Hodogaya Ward	10/27	10.6	(3.4)	< 0.29	(52)	< 0.16	< 9.6	(1.7)	4.3	< 0.38	(39)	< 12	
Kawasaki City	Nkahara Ward	10/15	11.0	(3.2)	< 0.29	(33)	< 0.16	< 9.6	< 0.72	(0.74)	< 0.38	< 33	< 12	
Niigata Pref.	Nagaoka City	10/19	12.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	*2(49)	< 12	
Toyama Pref.	Toyama City	10/27	10.7	(2.6)	< 0.29	(25)	< 0.16	< 9.6	2.7	7.0	< 0.38	< 33	< 12	
Ishikawa Pref.	Kanazawa City	10/ 8	18.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(0.83)	(1.3)	< 0.38	< 33	< 12	
Fukui Pref.	Fukui City	10/27	10.6	(4.2)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.1	3.2	< 33	< 12	
Yamanashi Pref.	Otsuki City	10/29	10.1	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.4	< 0.38	< 33	< 12	
Nagano Pref.	Matsumoto City	10/20	15.1	< 1.7	< 0.29	(24)	< 0.16	< 9.6	< 0.72	(1.4)	< 0.38	180	< 12	
Gifu Pref.	Kakamigahara City	10/19	8.6	(3.1)	< 0.29	94	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	(67)	< 12	
Shizuoka Pref.	Shizuoka City	10/20	9.6	(2.8)	< 0.29	(47)	< 0.16	< 9.6	(1.4)	3.6	< 0.38	230	< 12	
Aichi Pref.	Anjo City	11/12	11.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	5.8	< 0.38	< 33	< 12	
Nagoya City	Chikusa Ward	10/22	11.9	(3.3)	< 0.29	(64)	< 0.16	< 9.6	(1.5)	5.7	< 0.38	< 33	< 12	
Mie Pref.	Tsu City	10/21	12.9	(1.7)	< 0.29	(20)	< 0.16	< 9.6	(0.80)	< 0.58	< 0.38	(88)	< 12	
Shiga Pref.	Yokkaichi City	10/27	11.1	(2.0)	< 0.29	140	< 0.16	< 9.6	< 0.72	6.8	< 0.38	(36)	< 12	
Kyoto Pref.	Yawata City	10/26	10.4	< 1.7	< 0.29	(22)	< 0.16	< 9.6	< 0.72	2.9	< 0.38	< 33	< 12	
Kyoto City	Saikyo Ward	10/28	10.4	(4.6)	< 0.29	(48)	< 0.16	< 9.6	< 0.72	2.0	< 0.38	< 33	< 12	
Osaka Pref.	Hirakata City	10/27	9.8	6.6	< 0.29	(50)	< 0.16	< 9.6	2.7	4.6	< 0.38	(48)	< 12	
Osaka City	Joto Ward	10/28	9.1	7.7	< 0.29	(46)	< 0.16	< 9.6	< 0.72	5.0	< 0.38	(41)	< 12	
Hyogo Pref.	Akashi City	10/19	10.9	< 1.7	< 0.29	(31)	< 0.16	< 9.6	< 0.72	2.1	< 0.38	320	40	
Hyogo Pref.	Himeji city	10/21	10.0	< 1.7	< 0.29	(44)	< 0.16	< 9.6	4.0	15.7	< 0.38	(48)	< 12	
Kobe City	Tarumi Ward	10/19	9.6	(2.0)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12	
Nara Pref.	Kashihara City	10/20	8.2	8.0	< 0.29	(40)	< 0.16	< 9.6	< 0.72	3.8	< 0.38	180	< 12	
Wakayama Pref.	Wakayama City	10/27	10.6	6.4	< 0.29	(39)	< 0.16	< 9.6	< 0.72	2.7	< 0.38	(45)	< 12	

	Residential district												
	Measurement site	Measurement date	Total quantity of airflow (m ³)	Atmospheric humidity(ng/m ³)									
				Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Dihexyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Tottori Pref.	Tottori City	10/13	11.2	(2.5)	< 0.29	(32)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Shimane Pref.	Hamada City	10/20	10.9	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	130	< 12
Okayama Pref.	Okayama City	10/26	11.2	(1.8)	< 0.29	(27)	< 0.16	< 9.6	< 0.72	2.2	< 0.38	< 33	< 12
Hiroshima Pref.	Higashi-hiroshima City	10/27	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.0	< 0.38	< 33	< 12
Hiroshima City	Asakita Ward	10/28	9.9	(3.2)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.2	< 0.38	< 33	< 12
Yamaguchi Pref.	Iwakuni City	10/19	11.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Tokushima Pref.	Komatsushima City	10/19	12.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kagawa Pref.	Takamatsu City	10/19	11.1	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Ehime Pref.	Matsuyama City	11/ 4	10.7	(5.1)	< 0.29	(52)	< 0.16	< 9.6	< 0.72	4.7	< 0.38	< 33	< 12
Kochi Pref.	Nangoku City	10/20	10.5	(2.8)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(0.65)	< 0.38	(34)	< 12
Fukuoka Pref.	Nagata City	10/28	10.6	< 1.7	< 0.29	(21)	< 0.16	< 9.6	3.3	6.8	< 0.38	< 33	< 12
Kitakyushu City	Kokurakita City	4/19	10.5	(3.5)	< 0.29	(44)	0.86	< 9.6	< 0.72	*1(1.7)	(0.46)	< 33	< 12
Fukuoka City	Jonann Ward	11/ 4	11.7	(2.7)	< 0.29	(34)	< 0.16	< 9.6	< 0.72	2.7	< 0.38	< 33	< 12
Saga Pref.	Saga City	10/28	10.7	< 1.7	< 0.29	(36)	< 0.16	< 9.6	< 0.72	2.1	< 0.38	< 33	< 12
Nagasaki Pref.	Isahaya City	10/15	11.4	(2.7)	< 0.29	(39)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kumamoto Pref.	KumamotoCity	10/20	10.4	(2.1)	< 0.29	(35)	< 0.16	< 9.6	< 0.72	2.2	< 0.38	(84)	< 12
Oita Pref.	Usa City	10/ 8	11.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.8)	1.6	< 33	< 12
Miyazaki Pref.	Miyazaki City	10/21	10.5	8.7	< 0.29	94	< 0.16	< 9.6	< 0.72	(0.97)	< 0.38	(44)	< 12
Kaoshima Pref.	Kokubu City	4/20	10.5	< 1.7	< 0.29	< 20	0.77	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Okinawa Pref.	Naha City	10/28	10.3	(2.1)	< 0.29	(31)	< 0.16	< 9.6	2.8	4.1	< 0.38	< 33	< 12
Number of samples from which substances were detected /Number of samples				32 /60	2 /60	33 /60	2 /60	0 /60	15 /60	44 /60	3 /60	23 /60	1 /60
Minimum value				< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum Value				8.7	(0.39)	140	0.86	< 9.6	4.0	21	3.2	320	40

For measurement sites where remeasurement was made, remeasurement values were used for statistical calculations.

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the values is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

*1 The duplicate measurement indicated amore than 30% variation rate. The value should be omitted as a general rule, but is shown as a reference value.

*2 The duplicate measurement indicated the value of one sample over the minimum limit value of indication and the value of the other sample below the minimum limit value of detedtion.

The values should be onitted as a general rule, but are indicated as reference values.

	Suburban district												
	Atmospheric humidity(ng/m ³);												
	Measurement site	Measurement date	Total quantity of airflow (m ³)	Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Dihexyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Hokkaido	Ebetsu City	10/19	12.0	< 1.7	(0.44)	< 20	< 0.16	< 9.6	< 0.72	(1.4)	< 0.38	(47)	< 12
Sapporo City	Kita Ward	10/29	9.5	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	4.0	< 0.38	< 33	< 12
Aomori Pref.	Hachinohe City	10/12	11.1	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.8	< 0.38	< 33	< 12
Iwate Pref.	Ninohe City	10/27	10.9	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.7)	< 0.38	< 33	< 12
Miyagi Pref.	Wakuya Town	10/29	10.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	1.9	< 0.38	< 33	< 12
Sendai City	Wakabayashi Ward	10/13	9.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.3	< 0.38	< 33	< 12
Akita Pref.	Akita City	10/22	11.6	(3.0)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	(99)	< 12
Yamagata Pref.	Yamagata City	10/19	9.2	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.4	< 0.38	270	< 12
Fukushima Pref.	Koriyama City	10/27	9.7	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Ibaraki Pref.	Tukuba City	11/24	10.8	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.1	< 0.38	< 33	< 12
Tochigi Pref.	Kuroba Town	10/22	10.2	(2.0)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Gunma Pref.	Azuma Town	10/19	11.9	< 1.7	(0.34)	< 20	< 0.16	< 9.6	< 0.72	(1.8)	< 0.38	(39)	< 12
Saitama Pref.	Hiki County	10/20	10.5	(2.2)	< 0.29	(41)	< 0.16	< 9.6	< 0.72	1.9	< 0.38	(67)	< 12
Chiba Pref.	Katsuura City	10/26	10.1	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	*1 3.9	< 0.38	< 33	< 12
Chiba City	Wakaba Ward	10/28	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	3.7	4.3	< 0.38	(42)	< 12
Tokyo	Tama City	10/27	10.9	(5.4)	< 0.29	(50)	< 0.16	< 9.6	< 0.72	4.3	< 0.38	(45)	< 12
Kanagawa Pref.	Yamkita Town	10/19	11.5	(3.0)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Yokohama City	Midori Ward	10/27	11.0	(3.0)	< 0.29	75	< 0.16	< 9.6	< 0.72	3.5	< 0.38	(37)	< 12
Kawasaki City	Miyamae Ward	10/15	11.1	(2.6)	< 0.29	(26)	< 0.16	< 9.6	*2 (0.83)	< 0.58	< 0.38	< 33	< 12
Niigata Pref.	Kitakanbara County	10/20	11.1	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	*2 (0.70)	< 0.38	*2 160	< 12
Toyama Pref.	Tominami City	10/27	10.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.7)	3.6	< 0.38	< 33	< 12
Ishikawa Pref.	Wajima City	10/ 8	18.9	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.2)	< 0.38	< 33	< 12
Fukui Pref.	Tsuruga City	10/27	10.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Yamanashi Pref.	Yamanashi City	10/26	10.0	(3.6)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.3	< 0.38	< 33	< 12
Nagano Pref.	Iida City	10/22	13.3	< 1.7	< 0.29	(31)	< 0.16	< 9.6	< 0.72	2.3	< 0.38	130	< 12
Gifu Pref.	Mino City	10/19	7.9	< 1.7	1.1	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Shizuoka Pref.	Daito Town	10/22	9.4	< 1.7	< 0.29	(24)	< 0.16	< 9.6	< 0.72	3.5	< 0.38	360	< 12
Aichi Pref.	Toyokawa City	11/12	11.3	< 1.7	< 0.29	< 20	0.99	< 9.6	< 0.72	3.9	< 0.38	< 33	< 12
Nagoya City	Minato Ward	10/22	15.0	(5.2)	< 0.29	(38)	< 0.16	< 9.6	(1.0)	5.3	(1.0)	(37)	< 12
Mie Pref.	Kuwana City	10/19	13.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.3)	< 0.38	210	< 12
Shiga Pref.	Kusatsu City	10/27	11.8	< 1.7	< 0.29	(37)	< 0.16	< 9.6	< 0.72	4.6	< 0.38	(43)	< 12
Kyoto Pref.	Miyama Town	10/28	9.8	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.9	< 0.38	< 33	69
Kyoto City	Saikyo Ward	10/28	10.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.7)	< 0.38	< 33	< 12
Osaka Pref.	Fujiidera City	10/27	10.9	8.2	< 0.29	(61)	< 0.16	< 9.6	4.6	4.5	< 0.38	(49)	< 12
Osaka City	Hirano Ward	10/28	10.5	(3.9)	< 0.29	(39)	< 0.16	< 9.6	< 0.72	4.0	< 0.38	< 33	< 12
Hyogo Pref.	Ono City	10/21	11.6	(2.4)	< 0.29	(34)	< 0.16	< 9.6	(2.1)	3.5	< 0.38	*2 < 33	41
Kobe Pref.	Kita Ward	10/20	9.8	(3.0)	< 0.29	(22)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Nara Pref.	Ono City	4/26	10.0	(1.9)	2.0	(31)	0.86	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Wakayama Pref.	Wakayama City	10/27	10.0	(2.6)	< 0.29	160	1.0	< 9.6	< 0.72	2.6	< 0.38	< 33	< 12

	Suburba district												
	Measurement site	Measurement date	Total quantity of airflow (m ³)	Atmospheric humidity(ng/m ³)									
				Diethyl phthalate	Dipropyl phthalate	Di-n-butyl phthalate	Di-n-pentyl phthalate	Dihexyl phthalate	Butyl benzyl phthalate	Di-(2-ethylhexyl) adipate	Dicyclohexyl phthalate	Di-(2-ethylhexyl) phthalate	Di-iso-nonyl phthalate
Tottori Pref.	Yonago City	10/14	11.4	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Shimane Pref.	Ota City	10/20	10.5	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Okayama Pref.	Soja City	10/26	10.8	(4.9)	< 0.29	(34)	< 0.16	< 9.6	< 0.72	(1.8)	< 0.38	< 33	< 12
Hiroshima Pref.	Yamagata county	10/28	9.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.2	< 0.38	< 33	< 12
Hiroshima City	Asakita Ward	10/28	11.5	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.5)	< 0.38	< 33	< 12
Yamaguchi Pref.	Ube City	10/28	12.0	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	3.0	< 0.38	< 33	< 12
Tokushima city	Itano County	10/19	12.1	(4.2)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kagawa Pref.	Nkatado County	10/19	8.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Ehime Pref.	Kitauwa County	11/ 4	10.1	(2.0)	< 0.29	(25)	< 0.16	< 9.6	< 0.72	3.7	< 0.38	< 33	< 12
Kochi Pref.	Kami County	10/20	10.4	(1.9)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Fukuoka Pref.	Chikushino City	10/28	11.3	< 1.7	< 0.29	< 20	< 0.16	< 9.6	(1.8)	3.1	< 0.38	< 33	< 12
Kitakyushu City	Kokuraminami Ward	4/19	9.6	(3.2)	< 0.29	(54)	0.84	< 9.6	< 0.72	*1(1.3)	1.0	*2< 33	< 12
Fukuoka Pref.	Nishi Ward	11/ 4	10.8	< 1.7	< 0.29	(23)	< 0.16	< 9.6	< 0.72	5.9	2.6	< 33	< 12
Saga Pref.	Karatsu City	10/27	10.1	< 1.7	< 0.29	(40)	< 0.16	< 9.6	5.5	1.9	< 0.38	< 33	< 12
Nagasaki Pref.	Nagasaki City	10/15	11.9	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kumamoto Pref.	Tamana County	10/19	9.7	(2.8)	< 0.29	< 20	< 0.16	< 9.6	< 0.72	2.5	< 0.38	(36)	< 12
Oita Pref.	Usuki City	10/28	11.6	< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	(1.2)	< 0.38	< 33	< 12
Miyazaki Pref.	Takagi Town	10/13	10.4	< 1.7	< 0.29	(30)	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Kagoshima Pref.	Ibusuki City	4/20	9.5	< 1.7	< 0.29	< 20	0.94	< 9.6	< 0.72	*2(0.75)	< 0.38	< 33	< 12
Okinawa Pref.	Osato Village	10/29	10.5	(1.7)	< 0.29	(33)	< 0.16	< 9.6	< 0.72	3.5	< 0.38	< 33	< 12
Number of samples from which substances were detected /Number of samples				22 /59	4 /59	21 /59	5 /59	0 /59	8 /59	43 /59	3 /59	16 /59	2 /59
Minimum value				< 1.7	< 0.29	< 20	< 0.16	< 9.6	< 0.72	< 0.58	< 0.38	< 33	< 12
Maximum Value				8.2	2.0	160	1.0	< 9.6	5.5	5.9	2.6	360	69

For measurement sites where remeasurement was made, remeasurement values were used for statistical calculations.

The number of samples from which substances were detected refers to a total number of samples having a value larger than the minimum limit value of detection.

When there is a value below the minimum limit value of detection, the values is determined as the minimum value.

For values below the minimum limit value of detection, the average value was calculated using a value half of the minimum limit value of detection.

*1 The duplicate measurement indicated amore than 30% variation rate. The value should be omitted as a general rule, but is shown as a reference value.

*2 The duplicate measurement indicated the value of one sample over the minimum limit value of indication and the value of the other sample below the minimum limit value of detedtion.

The values should be onitted as a general rule, but are indicated as reference values.