Supplement of

Study on Ozone and Its Critical Influencing Factors in Key Regions of China

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Tables

1.1. **Table S1.**

Table S1 Monthly Variations in $PM_{2.5}$, O_3-8h, and NO_2 Concentrations in Key Regions of China from 2017 to 2021:**(a)** " 2+26 "cities; (**b**) FWP; (**c**)YRD; and (**d**) PRD.

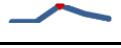
(a)

	$PM_{2.5}$ Ave						O_3-8h Ave						NO_2 Ave					
	2017	2018	2019	2020	2021	Trends of change	2017	2018	2019	2020	2021	Trends of change	2017	2018	2019	2020	2021	Trends of change
Jan	140	94	108	119	73		41	47	45	57	55		59	51	62	50	46	
Feb	100	80	108	62	62		70	78	77	78	83		51	37	41	24	32	
Mar	66	76	54	45	69		89	102	105	96	88		46	41	40	33	36	
Apr	55	51	52	39	42		104	121	117	124	114		41	35	35	33	29	
May	52	43	35	32	37		153	144	155	144	136		35	32	32	28	23	
Jun	46	37	36	35	30		173	185	191	174	169		34	29	28	27	22	
Jul	43	35	34	36	21		143	141	173	153	135		26	22	25	22	16	
Aug	39	31	27	28	27		131	142	132	128	143		30	25	27	22	19	
Sep	49	33	37	31	25		130	111	148	136	121		41	37	38	34	23	
Oct	58	51	47	52	46		65	98	86	81	81		44	52	44	49	39	
Nov	66	91	64	61	58		54	56	55	58	62		52	56	52	48	44	
Dec	87	80	81	76	54		44	40	38	44	48		56	56	52	51	45	
Annual	67	58	57	51	45		100	106	110	106	103		43	39	40	35	31	

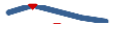
(b)

	$PM_{2.5}$ Ave						O_3-8h Ave						NO_2 Ave					
	2017	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**
Jan	139	110	129	119	73		47	47	42	55	56		53	52	61	43	46	
Feb	102	76	108	66	66		73	75	78	85	79		49	40	37	25	35	
Mar	62	73	47	43	67		81	96	100	93	81		44	44	44	37	37	
Apr	46	44	47	37	38		101	108	114	115	97		41	38	36	39	32	
May	42	38	29	25	34		136	126	133	132	133		36	35	33	32	30	
Jun	36	31	28	28	26		158	156	157	144	159		31	32	30	29	26	
Jul	34	31	25	28	20		155	130	154	141	139		26	22	26	23	20	
Aug	34	33	26	22	25		130	149	137	112	133		27	24	27	23	22	
Sep	40	25	29	32	21		101	94	122	118	106		37	33	34	34	23	
Oct	47	43	40	42	35		51	87	64	62	66		37	49	39	42	32	
Nov	76	76	67	65	59		47	49	48	62	62		52	54	49	46	44	
Dec	92	79	85	72	62		42	37	41	44	47		56	53	52	46	45	
Annual	62	55	55	48	44		94	96	99	97	96		41	40	39	35	33	

(c)

	$PM_{2.5}$ Ave						O_3-8h Ave						NO_2 Ave					
	2017	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**
Jan	70	79	72	63	54		59	55	52	60	59		39	45	46	33	43	
Feb	69	59	59	37	38		80	73	68	82	82		39	34	29	18	23	
Mar	54	48	51	34	38		92	91	97	90	85		39	37	38	30	32	
Apr	46	45	38	35	31		119	118	106	126	102		36	35	32	33	29	
May	40	36	32	30	27		136	117	134	134	121		29	28	29	26	24	
Jun	34	30	27	20	22		126	138	138	112	132		25	23	22	21	21	
Jul	25	21	23	20	14		111	103	122	101	95		23	19	20	20	14	
Aug	24	21	21	19	19		107	107	121	111	110		22	18	19	19	17	
Sep	29	27	27	26	21		102	112	132	129	125		27	26	25	28	19	
Oct	36	38	40	30	27		87	111	103	101	97		33	37	35	35	29	
Nov	55	54	44	36	38		66	69	81	73	80		47	42	43	39	40	
Dec	80	54	58	64	52		52	45	55	54	65		53	44	48	50	45	
Annual	47	43	41	35	32		95	95	101	98	96		34	32	32	29	28	

(d)

	$PM_{2.5}$ Ave						O_3-8h Ave						NO_2 Ave					
	2017	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**	**2017**	**2018**	**2019**	**2020**	**2021**	**Trends of change**
Jan	48	50	46	29	41		78	70	68	82	98		40	52	47	32	50	
Feb	38	40	24	22	24		87	78	58	80	110		36	30	25	19	22	
Mar	36	32	28	21	25		62	98	69	70	84		44	36	38	28	32	
Apr	31	32	23	24	22		83	86	76	98	104		36	32	31	33	27	
May	30	18	19	16	13		113	96	86	93	84		31	22	26	22	16	
Jun	14	18	13	9	13		61	97	83	64	88		21	23	22	17	17	
Jul	17	15	16	9	13		74	77	84	79	100		26	21	21	15	17	
Aug	18	21	20	15	12		88	101	119	95	86		24	26	25	20	20	
Sep	27	24	28	19	18		116	111	159	101	124		30	26	29	26	22	
Oct	31	34	35	26	19		113	121	151	116	98		30	36	31	26	23	
Nov	39	37	41	30	24		74	85	148	115	104		40	42	45	35	36	
Dec	52	32	42	36	31		86	54	92	79	89		50	39	55	41	42	
Annual	32	29	28	21	21		86	89	99	89	97		34	32	33	26	27	