

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 MAI 2022**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Kogalniceanu, nr.114**

**Valori medii orare**

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	2,81	4,06	5,55	9,52	14,71	n/a	n/a	n/a	0,17	3,01	6,50	11,10	45,81	2,75	0,004
2:00	2,13	3,38	4,92	8,79	14,65	n/a	n/a	n/a	0,15	2,92	6,99	11,45	42,31	2,75	
3:00	3,58	4,92	6,40	10,62	17,66	n/a	n/a	n/a	0,16	9,88	33,94	49,04	19,96	2,83	
4:00	5,21	6,65	7,98	12,79	18,72	n/a	n/a	n/a	0,17	27,67	59,63	101,91	3,39	3,08	
5:00	3,88	5,39	6,93	12,73	20,67	n/a	n/a	n/a	0,16	12,78	51,57	71,11	5,59	2,90	
6:00	5,43	7,17	8,93	14,95	24,99	n/a	n/a	n/a	0,33	13,65	45,52	66,37	4,49	2,80	
7:00	3,98	5,83	7,82	15,15	24,22	n/a	n/a	n/a	0,18	9,06	34,77	48,62	9,83	2,86	
8:00	4,97	7,00	9,10	17,35	30,95	n/a	n/a	n/a	0,21	22,96	40,99	76,08	9,55	3,09	
9:00	4,40	6,47	8,56	17,82	29,69	n/a	n/a	n/a	0,19	31,05	45,41	92,85	11,52	3,10	
10:00	7,26	11,03	14,51	33,43	65,90	n/a	n/a	n/a	0,22	31,75	63,02	111,54	17,05	5,22	
11:00	5,94	9,20	12,05	29,50	59,90	n/a	n/a	n/a	0,16	13,72	37,05	58,02	36,96	5,38	
12:00	3,08	4,98	6,81	16,00	31,93	n/a	n/a	n/a	0,15	5,05	17,10	24,81	60,43	4,30	
13:00	2,27	3,69	5,15	11,48	22,14	n/a	n/a	n/a	0,14	4,71	12,54	19,74	64,88	3,90	
14:00	2,06	3,23	4,30	10,32	20,00	n/a	n/a	n/a	0,14	3,40	4,49	9,68	68,30	3,02	
15:00	1,76	2,69	3,62	7,61	13,81	n/a	n/a	n/a	0,15	3,57	6,46	11,91	70,61	3,13	
16:00	2,82	4,58	6,31	13,30	24,00	n/a	n/a	n/a	0,14	4,28	10,88	17,42	73,14	3,37	
17:00	2,30	3,44	4,59	9,71	17,90	n/a	n/a	n/a	0,14	3,56	8,17	13,61	76,48	3,08	
18:00	2,16	3,34	4,48	10,34	19,56	n/a	n/a	n/a	0,14	3,41	7,55	12,75	77,95	3,05	
19:00	2,18	3,33	4,51	9,61	16,93	n/a	n/a	n/a	0,14	3,13	6,31	11,09	80,44	2,98	
20:00	2,39	3,78	4,96	12,60	24,89	n/a	n/a	n/a	0,15	2,99	8,40	12,97	80,52	2,93	
21:00	3,17	5,34	7,17	19,76	38,96	n/a	n/a	n/a	0,21	3,00	24,67	29,26	65,12	2,80	
22:00	7,40	10,38	13,28	26,55	44,41	n/a	n/a	n/a	0,29	3,24	32,52	37,47	40,95	2,91	
23:00	8,43	11,41	14,41	26,57	43,55	n/a	n/a	n/a	0,28	3,11	25,88	30,63	40,11	2,85	
24:00	6,30	8,36	10,36	19,43	33,99	n/a	n/a	n/a	0,25	4,48	23,51	30,35	37,86	2,86	
<b>Min</b>	<b>1,76</b>	<b>2,69</b>	<b>3,62</b>	<b>7,61</b>	<b>13,81</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,14</b>	<b>2,92</b>	<b>4,49</b>	<b>9,68</b>	<b>3,39</b>	<b>2,75</b>	
<b>Max</b>	<b>8,43</b>	<b>11,41</b>	<b>14,51</b>	<b>33,43</b>	<b>65,90</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,33</b>	<b>31,75</b>	<b>63,02</b>	<b>111,54</b>	<b>80,52</b>	<b>5,38</b>	
<b>Medie</b>	<b>4,00</b>	<b>5,82</b>	<b>7,61</b>	<b>15,66</b>	<b>28,09</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>0,18</b>	<b>9,43</b>	<b>25,58</b>	<b>39,99</b>	<b>43,47</b>	<b>3,25</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	1
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	1

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
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\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87