

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
25 DECEMBRIE 2024**



**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	9.09	9.38	9.54	10.18	11.27	1.15	1.02	0.57	0.72	0.31	3.39	3.07	36.21	7.51	0.003
2:00	7.56	7.83	8.05	8.35	8.65	1.23	1.05	0.57	0.71	0.38	3.18	2.79	36.52	7.47	
3:00	4.80	4.99	5.13	5.57	6.02	1.07	1.05	0.57	0.70	0.33	3.09	2.75	33.79	7.48	
4:00	5.10	5.36	5.53	6.22	7.04	1.09	1.05	0.56	0.73	0.14	4.13	3.98	30.10	7.45	
5:00	7.12	7.43	7.67	8.08	8.40	1.13	1.16	0.56	0.74	0.45	5.31	5.76	25.36	7.40	
6:00	10.49	10.92	11.21	12.00	12.63	1.26	1.11	0.58	0.82	0.65	9.06	9.72	21.37	7.40	
7:00	18.70	19.26	19.65	19.89	20.09	1.62	1.26	0.60	0.86	1.28	13.66	14.95	17.10	7.46	
8:00	15.75	16.33	16.75	17.45	18.14	1.68	1.34	0.61	0.85	2.67	19.61	22.31	13.89	7.44	
9:00	15.05	15.69	16.12	17.36	19.62	2.16	1.48	0.67	0.85	2.86	15.71	18.59	14.99	7.47	
10:00	12.62	13.27	13.81	15.88	18.49	2.19	1.36	0.63	0.84	2.87	12.17	15.08	17.67	7.52	
11:00	13.09	13.79	14.51	15.82	17.91	1.91	1.44	0.65	0.86	3.62	13.96	17.62	18.91	7.59	
12:00	17.43	18.19	18.87	20.40	22.86	3.18	1.60	0.67	0.91	4.75	15.53	20.32	18.05	7.60	
13:00	15.77	16.42	16.91	18.85	20.68	2.48	1.60	0.67	0.92	5.18	15.58	20.79	19.11	7.67	
14:00	21.10	22.11	22.91	25.43	28.41	3.43	1.80	0.72	0.99	4.80	17.11	21.94	18.99	7.70	
15:00	8.74	9.10	9.35	10.32	12.00	1.63	1.27	0.66	0.76	0.70	4.48	5.19	34.40	7.73	
16:00	7.44	7.77	8.04	8.51	9.19	1.20	n/a	n/a	0.77	0.22	5.26	5.48	33.04	7.78	
17:00	15.73	16.50	16.94	18.70	21.56	2.30	1.60	0.69	0.93	1.79	11.40	13.22	26.47	7.78	
18:00	18.23	18.87	19.33	20.68	22.34	2.74	1.50	0.68	0.93	3.52	14.98	18.53	23.38	7.77	
19:00	11.73	12.21	12.55	13.43	14.27	1.45	1.07	0.62	0.80	0.56	8.57	9.14	35.58	7.62	
20:00	14.55	15.10	15.39	15.95	16.91	1.83	1.22	0.66	0.87	0.50	10.50	11.01	32.43	7.54	
21:00	17.34	17.91	18.19	18.97	20.10	1.90	1.27	0.66	0.90	1.48	11.17	12.66	33.10	7.51	
22:00	15.22	15.76	16.20	16.65	17.28	1.71	1.39	0.69	0.87	1.70	8.62	10.34	30.30	7.78	
23:00	14.72	15.24	15.56	16.39	17.97	1.33	1.05	0.61	0.79	0.20	6.18	6.38	32.37	7.83	
24:00	12.80	13.16	13.34	13.90	14.32	1.37	1.03	0.63	0.77	0.04	6.48	6.53	33.09	7.70	
<b>Min</b>	<b>4.80</b>	<b>4.99</b>	<b>5.13</b>	<b>5.57</b>	<b>6.02</b>	<b>1.07</b>	<b>1.02</b>	<b>0.56</b>	<b>0.70</b>	<b>0.04</b>	<b>3.09</b>	<b>2.75</b>	<b>13.89</b>	<b>7.40</b>	
<b>Max</b>	<b>21.10</b>	<b>22.11</b>	<b>22.91</b>	<b>25.43</b>	<b>28.41</b>	<b>3.43</b>	<b>1.80</b>	<b>0.72</b>	<b>0.99</b>	<b>5.18</b>	<b>19.61</b>	<b>22.31</b>	<b>36.52</b>	<b>7.83</b>	
<b>Medie</b>	<b>12.92</b>	<b>13.44</b>	<b>13.82</b>	<b>14.79</b>	<b>16.09</b>	<b>1.79</b>	<b>1.29</b>	<b>0.63</b>	<b>0.83</b>	<b>1.71</b>	<b>9.96</b>	<b>11.59</b>	<b>26.51</b>	<b>7.59</b>	

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

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