

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
04 DECEMBRIE 2025**

**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeş**

**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	41.12	42.58	43.47	44.47	45.36	4.70	1.83	0.36	0.85	3.85	9.77	13.63	3.63	5.54	N/A
2:00	34.95	36.15	36.90	38.29	39.92	3.10	1.55	0.35	0.79	4.56	10.05	14.62	3.24	5.47	
3:00	40.17	41.44	42.21	43.64	45.06	2.70	1.82	0.39	0.87	6.38	10.11	16.50	2.27	5.51	
4:00	27.27	28.35	29.12	30.78	32.68	2.15	2.07	0.39	0.65	3.87	8.05	11.92	3.31	5.45	
5:00	27.72	28.85	29.65	31.94	35.01	2.67	3.58	0.48	0.80	9.46	11.51	20.97	1.65	5.46	
6:00	32.86	34.29	35.46	39.22	45.24	3.43	2.66	0.40	0.87	35.94	13.21	49.15	1.12	5.77	
7:00	45.54	51.28	54.29	57.73	62.84	4.70	3.91	0.56	0.74	46.98	13.95	60.93	1.05	5.80	
8:00	59.07	62.80	65.30	70.88	77.75	14.68	5.84	0.79	1.27	134.90	24.92	159.81	0.99	6.67	
9:00	68.98	74.40	78.23	86.85	98.96	10.55	n/a	n/a	1.31	77.02	22.63	99.65	1.27	6.28	
10:00	40.28	42.12	43.69	47.48	53.15	3.64	2.04	0.41	0.61	31.53	16.84	48.37	3.11	5.81	
11:00	22.66	23.47	23.91	24.71	25.84	1.69	2.49	0.32	0.44	12.46	9.63	22.10	6.41	5.54	
12:00	18.60	19.21	19.57	20.70	22.25	1.40	0.99	0.24	0.37	8.08	7.98	16.06	12.70	5.55	
13:00	18.15	18.98	19.60	21.84	26.46	1.51	0.86	0.24	0.36	6.50	6.90	13.40	16.60	5.39	
14:00	17.33	18.12	18.76	20.84	23.81	1.49	0.81	0.19	0.36	7.89	9.10	17.00	16.67	5.46	
15:00	20.70	22.23	23.58	28.61	36.76	1.29	1.20	0.31	0.43	11.09	14.62	25.72	17.89	5.52	
16:00	32.98	35.29	37.29	44.71	57.22	3.02	35.08	2.87	0.64	16.85	26.87	43.72	11.87	5.70	
17:00	46.47	49.61	51.92	62.78	78.00	5.36	38.30	3.59	0.99	25.64	35.47	61.10	6.55	5.87	
18:00	65.57	69.25	72.12	81.18	92.10	9.99	22.69	2.35	1.19	26.64	34.15	60.80	2.45	5.68	
19:00	86.72	90.15	92.66	99.68	109.07	10.46	18.17	2.07	1.57	26.02	30.65	56.67	1.57	5.67	
20:00	57.39	59.20	60.53	64.75	70.08	8.77	7.35	1.11	1.26	21.61	27.94	49.56	2.58	5.91	
21:00	64.88	66.99	68.40	72.40	77.61	11.89	6.22	0.99	1.48	24.58	28.13	52.70	2.57	6.09	
22:00	64.59	67.50	69.11	73.11	77.88	6.91	5.29	0.86	1.24	16.50	23.92	40.42	2.74	6.10	
23:00	65.74	67.99	69.63	74.24	80.10	7.14	4.50	0.96	1.31	15.90	22.01	37.92	3.04	5.96	
24:00	66.19	68.34	69.81	73.12	77.68	6.43	4.53	0.82	1.31	9.25	20.00	29.25	3.13	5.73	
<b>Min</b>	<b>17.33</b>	<b>18.12</b>	<b>18.76</b>	<b>20.70</b>	<b>22.25</b>	<b>1.29</b>	<b>0.81</b>	<b>0.19</b>	<b>0.36</b>	<b>3.85</b>	<b>6.90</b>	<b>11.92</b>	<b>0.99</b>	<b>5.39</b>	
<b>Max</b>	<b>86.72</b>	<b>90.15</b>	<b>92.66</b>	<b>99.68</b>	<b>109.07</b>	<b>14.68</b>	<b>38.30</b>	<b>3.59</b>	<b>1.57</b>	<b>134.90</b>	<b>35.47</b>	<b>159.81</b>	<b>17.89</b>	<b>6.67</b>	
<b>Medie</b>	<b>44.41</b>	<b>46.61</b>	<b>48.13</b>	<b>52.25</b>	<b>57.95</b>	<b>5.40</b>	<b>7.56</b>	<b>0.92</b>	<b>0.90</b>	<b>24.31</b>	<b>18.27</b>	<b>42.58</b>	<b>5.35</b>	<b>5.75</b>	

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

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	4

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

Indice zilnic general	4
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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

\*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator