

ANALYSIS OF ROAD, MARITIME AND RAILWAY TRAFFIC DATA IN THE REPUBLIC OF CROATIA FOR THE PERIOD 2019-2020.



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Data

	Vehicles	Name	Provider	Resolution		#datapoints
				Time	Space	
Maritime	Ferries	CIMIS	MMPI	weekly	by port	1360
Terrestrial	Cars	Highway data	UNIRI	summer	borders	1
	Trains	Railway data	UNIRI	annual	borders	1

- ▶ Statistical data for 2019 and 2020 were used in the analysis
- ▶ Data from Croatian Bureau of Statistics, CIMIS, Croatian Railway Passenger Transport Ltd. and Hrvatske ceste

Passenger entry by months in 2019 and 2020 - Roadway data

MONTH	PASSENGER ENTRY					
	DOMESTIC			FOREGIN		
	2019	2020	Index	2019	2020	Index
January	1.531.248	1.668.567	109,0	2.532.755	2.720.333	107,4
February	1.383.203	1.476.819	106,8	2.064.846	2.157.918	104,5
March	1.684.351	730.249	43,4	2.587.714	982.228	38,0
April	1.874.504	126.278	6,7	3.840.603	169.250	4,4
May	1.814.806	495.439	27,3	3.651.390	604.305	16,5
June	2.143.361	1.346.981	62,8	5.931.565	2.179.122	36,7
July	2.434.234	1.373.690	56,4	8.554.956	3.501.889	40,9
August	2.655.249	1.443.782	54,4	9.894.550	3.671.180	37,1
September	1.979.665	1.026.140	51,8	4.765.589	1.429.191	30,0
October	1.917.221	1.126.358	58,7	3.552.213	1.444.620	40,7
November	1.725.319	896.248	51,9	2.562.262	893.224	34,9
December	1.870.793	444.795	23,8	3.171.954	880.628	27,8
TOTAL	23.013.954	12.155.346	52,8	53.110.397	20.633.888	38,9

Source: Central Bureau of Statistics of the Republic of Croatia, <https://www.dzs.hr/>, 2021

Passenger exit by months in 2019 and 2020 - Roadway data

MONTH	PASSENGER EXIT					
	DOMESTIC			FOREGIN		
	2019	2020	Index	2019	2020	Index
January	1.585.026	1.706.726	107,7	2.682.017	2.844.133	106,0
February	1.370.476	1.480.874	108,1	2.021.229	2.203.663	109,0
March	1.676.045	716.313	42,7	2.555.307	1.021.811	40,0
April	1.837.809	127.744	7,0	3.525.014	170.888	4,8
May	1.811.286	456.740	25,2	3.530.555	562.528	15,9
June	2.124.750	1.272.562	59,9	5.496.798	1.935.539	35,2
July	2.321.694	1.253.093	54,0	8.044.978	3.164.154	39,3
August	2.765.760	1.433.026	51,8	9.954.287	4.174.751	41,9
September	2.013.723	1.009.910	50,2	5.184.526	1.563.875	30,2
October	1.937.303	1.101.929	56,9	3.492.129	1.432.597	41,0
November	1.725.068	862.444	50,0	2.607.694	908.494	34,8
December	1.850.521	413.513	22,3	3.031.581	971.430	32,0
TOTAL	23.019.461	11.834.874	51,4	52.126.115	20.953.863	40,2

Source: Central Bureau of Statistics of the Republic of Croatia, <https://www.dzs.hr/>, 2021

Total passenger traffic in international rail transport

MONTH	INTERNATIONAL TRANSPORT			DEPARTURE		ARRIVAL		RUN	
	2019	2020	INDEX	2019	2020	2019	2020	2019	2020
January	15.249	19.199	125,9	7.451	9.329	6.826	9.067	972	803
February	14.703	17.176	116,8	6.947	7.941	7.075	8.646	681	589
March	21.602	4.552	21,1	10.783	1.760	9.817	2.622	1.002	170
April	23.439	0	0,0	9.915	0	11.800	0	1.724	0
May	27.593	0	0,0	11.247	0	14.717	0	1.629	0
June	33.191	3.994	12,0	12.657	1.620	18.361	2.302	2.173	72
July	42.136	35.884	85,2	15.045	17.066	22.867	18.175	4.224	643
August	37.712	40.191	106,6	14.633	19.983	18.329	19.408	4.750	800
September	24.531	12.288	50,1	10.277	5.940	11.628	5.781	2.626	567
October	22.745	3.216	14,1	10.920	1.381	9.802	1.682	2.023	153
November	18.742	2.199	11,7	8.264	990	7.918	1.209	2.560	0
December	47.703	1.865	3,9	17.130	849	27.346	1.016	3.227	0
TOTAL	329.346	140.564	42,7	135.269	66.859	166.486	69.908	27.591	3.797

Source: Statistics for 2019 and 2020, HŽ Putnički prijevoz doo, 2020, 2021

International passenger traffic in all ports of the Republic of Croatia in 2019 and 2020.

MONTH	INTERNATIONAL PASSENGER TRAFFIC					
	ARRIVAL			DEPARTURE		
	2019	2020	INDEX	2019	2020	INDEX
January	3.511	3.550	101,1	1.571	1.613	102,7
February	2.338	1.646	70,4	873	833	95,4
March	22.085	325	1,5	1.693	217	12,8
April	117.324	59	0,1	9.149	22	0,2
May	185.707	135	0,1	14.463	132	0,9
June	221.887	818	0,4	26.961	584	2,2
July	247.706	4.794	1,9	52.222	4.229	8,1
August	285.682	8.062	2,8	95.981	9.350	9,7
September	208.250	984	0,5	36.147	1.641	4,5
October	217.035	663	0,3	12.138	832	6,9
November	66.048	373	0,6	2.882	513	17,8
December	12.841	355	2,8	1.247	346	27,7
TOTAL	1.590.414	21.764	1,4	255.327	20.312	8,0

Source: 1.) Central Bureau of Statistics of the Republic of Croatia, <https://www.dzs.hr/>, 2021.

2.) CIMIS (Croatian Integrated Maritime Information System), <https://mmpi.gov.hr/more-86/vts-croatia-114/cimis-hrvatski-integrirani-pomorski-informacijski-sustav/16553>

Main conclusions

- ✓ The data needed for concrete conclusion in some field was insufficient
- ✓ The number of foreign passengers in road traffic decreased by almost 60 %
- ✓ There was no international railway transport in two months of 2020 (April and May)
- ✓ The preliminary results ruled out a significant role of the maritime transportation in speeding-up the curve of contagion in the various regions of Croatia

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