2022全球汽车销售统计与分析

Statistics and Analysis on Global Auto Sales in 2022

After last year's global auto market downturn, market research firms are predicting a slight rebound in sales this year, but there is still a lot of difficulty in getting back to pre-pandemic levels. With the release of sales statistics by the International Organization of Motor Vehicle Manufacturers (OICA), what past phenomena does this statistics reflect? Which country is the next with the best potential for car sales this year? Let's explore together in this article.



According to the latest data released by OICA (see **Figure 1**), global vehicle sales have been hit hard by factors including the pandemic in the past three years, falling from about 91.24 million units in 2019 to a bottom of 78.78 units in 2020, rebounding to about 82.75 million units in 2021, and falling to about 81.62 million units in 2022, down 1.3% from the previous year. The last two years remain at the low end compared to the pre-pandemic period. Analyzed by continent, Asia Pacific leads the world in vehicle sales, with 44,566,542 units in 2022, followed by the Americas with 20,888,241 units, and Europe in the third place with 15,083,088 units. Europe, America and Asia alone accounted for 98.6% of the world's total sales. 1.09 million units were sold in Africa last year.

The top five car sales regions in Asia Pacific are China, India, Japan, ASEAN and South Korea in order. Although China's sales volume of 26.863 million units accounted for more than half of Asia Pacific sales, the growth rate was only 2% compared to last year, and only 4% compared

to the pre-pandemic period, so the post-pandemic rebound was insufficient. India has emerged as "the next world's factory" since last year, and foreign investors have been setting up factories there, so the Indian sales volume increased significantly by 25% last year to 4.72 million units, with an astounding growth potential. It is worth noting that the Philippines and Vietnam, both in Southeast Asia, are among the countries in the Asia-Pacific region that also saw a 25% increase. Sales in the ASEAN region also increased by 17% to 3.26 million units. Japan's sales fell 5% last year to 4.20 million units.

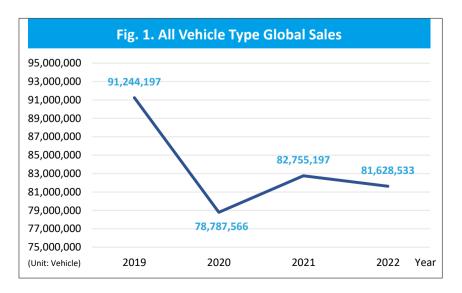
The top five sales countries are the U.S., Brazil, Canada, Mexico, and Chile, in order. Sales in the U.S. far exceeded those of other countries in the Americas by several times, reaching 15.40 million units. The second place is

Brazil with 2.104 million units, followed by Canada with 1.56 million units, Mexico with 1.04 million units, and Chile with 426 thousand units. Among these five countries, only Mexico and Chile had a slight increase in sales volume, while the others all dropped. It is worth noting that the sales volume in Central and South America has rebounded continuously in the past three years, while the North American region has generally shown a decline.

The top five sales countries in Europe (including UK) are Germany, UK, France, Italy and Spain in order.

The sales volume of these five countries fell last year as well as in the past four years consecutively. In fact, from **Table 1**, we find that nearly 80% of the sales volume in Europe fell last year, with some of the countries experiencing double-digit declines, which indicates obstruction in European car sales that forms a warning sign.

Overall, in addition to the Asia Pacific region sales growth of 4.3%, all the other regions fell, with only Europe declining by a double-digit 10.7%.



Industry Focus

Regions/Countries	Q1-Q4 2019	Q1-Q4 2020	Q1-Q4 2021	Q1-Q4 2022	2022/2021	2022/ 2019
Europe	20,930,134	16,714,115	16,882,466	15,083,088	-10.7%	-27.9%
EU 27 Countries + EFTA + UK	18,423,617	14,080,973	14,141,064	13,302,914	-5.9%	-27.8%
Germany	4,017,059	3,266,759	2,973,319	2,963,748	-0.3%	-26.2%
United Kingdom	2,736,559	1,964,660	2,049,005	1,943,572	-5.1%	-29.0%
France	2,755,728	2,100,030	2,142,284	1,929,554	-9.9%	-30.0%
Italy	2,132,630	1,564,756	1,669,855	1,505,978	-9.8%	-29.4%
Spain	1,501,244	1,030,792	1,034,064	958,813	-7.3%	-36.1%
Poland	656,258	510,153	554,619	518,048	-6.6%	-21.1%
Belgium	642,000	509,994	463,811	431,594	-6.9%	-32.8%
Netherlands	538,739	427,162	402,823	386,458	-4.1%	-28.3%
Sweden	418,478	330,215	343,880	329,868	-4.1%	-21.2%
Switzerland	352,968	269,391	272,087	254,884	-6.3%	-27.8%
Austria	371,934	301,617	306,176	244,694	-20.1%	-34.2%
Other Countries	285,560	215,910	237,574	229,770	-3.3%	-19.5%
Czech Republic	281,423	228,834	236,221	219,198	-7.2%	-22.1%
Norway	189,722	180,885	217,464	210,007	-3.4%	10.7%
Portugal	265,827	173,989	180,287	185,367	2.8%	-30.3%
Denmark	264,073	233,271	221,916	181,016	-18.4%	-31.5%
Romania	189,024	146,385	145,400	151,976	4.5%	-19.6%
Hungary	190,090	153,978	150,387	135,572	-9.9%	-28.7%
Ireland	145,104	112,122	136,126	131,400	-3.5%	-9.4%
Greece	122,990	88,710	112,364	115,884	3.1%	-5.8%
Finland	133,505	112,988	115,291	96,622	-16.2%	-27.6%
Slovakia	113,863	84,909	87,349	90,074	3.1%	-20.9%
Slovenia	73,498	49,677	65,698	55,924	-14.9%	-23.9%
Croatia	73,862	43,800	54,290	51,322	-5.5%	-30.5%
Bulgaria	44,977	29,663	34,472	37,495	8.8%	-16.6%
ussia, Turkey & Other Europe	2,506,517	2,633,142	2,741,402	1,780,174	-35.1%	-29.0%
Turkey	491,947	796,150	772,850	827,163	7.0%	68.1%
Russia	1,778,841	1,631,163	1,741,965	808,604	-53.6%	-54.5%
Other Countries/Regions	133,187	106,843	96,819	90,279	-6.8%	-32.2%
Ukraine	102,542	98,986	121,772	45,661	-62.5%	-55.5%
America	25,389,729	20,817,485	22,014,634	20,888,241	-5.1%	-17.7%
USMCA (Former NAFTA)	20,824,602	17,445,480	18,160,147	16,927,731	-6.8%	-18.7%
USA	17,488,154	14,881,356	15,408,565	14,230,324	-7.6%	-18.6%
Canada	1,976,440	1,586,474	1,704,850	1,562,965	-8.3%	-20.9%
Mexico	1,360,008	977,650	1,046,732	1,134,442	8.4%	-16.6%
Central & South America	4,565,127	3,372,005	3,854,487	3,960,510	2.8%	-13.2%
Brazil	2,787,850	2,058,437	2,119,851	2,104,461	-0.7%	-24.5%
Chile	348,575	258,835	415,582	426,781	2.7%	22.4%
Argentina	452,200	334,316	381,436	407,608	6.9%	-9.9%
Other Countries/Regions	351,181	256,623	340,213	387,244	13.8%	10.3%
Colombia	248,689	173,121	229,493	237,249	3.4%	-4.6%
Peru	155,507	108,999	152,856	162,095	6.0%	4.2%
Ecuador	119,197	78,187	109,707	126,050	14.9%	5.7%
Puerto Rico	101,928	103,487	105,349	109,022	3.5%	7.0%
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Table 1. Registrations or Sales of New Vehicles - All Types								
Regions/Countries	Q1-Q4 2019	Q1-Q4 2020	Q1-Q4 2021	Q1-Q4 2022	2022/2021	2022/ 2019		
Asia/Oceania/Middle East	43,724,043	40,330,258	42,724,577	44,566,542	4.3%	1.9%		
China	25,796,931	25,311,069	26,314,263	26,863,745	2.1%	4.1%		
India	3,816,858	2,938,575	3,759,398	4,725,472	25.7%	23.8%		
Japan	5,195,216	4,598,615	4,448,340	4,201,320	-5.6%	-19.1%		
ASEAN	3,474,851	2,457,336	2,779,838	3,269,405	17.6%	-5.9%		
South Korea	1,795,134	1,905,972	1,734,581	1,683,657	-2.9%	-6.2%		
Australia	1,062,867	916,968	1,049,831	1,081,429	3.0%	1.7%		
Indonesia	1,030,486	532,077	887,205	1,048,040	18.1%	1.7%		
Thailand	1,007,552	792,146	748,580	849,388	13.5%	-15.7%		
Saudi Arabia	533,904	452,544	556,559	616,491	10.8%	15.5%		
Malaysia	604,287	529,434	508,911	607,000	19.3%	0.4%		
Other Countries/Regions	545,054	407,294	446,222	480,585	7.7%	-11.8%		
Taiwan	425,000	444,161	422,000	415,195	-1.6%	-2.3%		
Philippines	410,406	244,178	286,734	359,370	25.3%	-12.4%		
Vietnam	281,262	262,823	260,850	330,280	26.6%	17.4%		
Israel	268,220	226,338	311,291	288,036	-7.5%	7.4%		
Pakistan	187,714	124,429	237,424	227,392	-4.2%	21.1%		
United Arab Emirates	232,305	158,711	188,844	207,539	9.9%	-10.7%		
Uzbekistan	197,103	195,000	184,500	205,145	11.2%	4.1%		
New Zealand	149,293	115,435	165,287	164,813	-0.3%	10.4%		
Kuwait	112,633	85,287	100,157	110,118	9.9%	-2.2%		
Kazakhstan	71,818	89,202	113,600	101,527	-10.6%	41.4%		
Africa	1,200,291	925,708	1,133,520	1,090,662	-3.8%	-9.1%		
South Africa	532,898	372,633	450,674	529,562	17.5%	-0.6%		
Other Countries/Regions	330,909	200,035	229,606	224,566	-2.2%	-32.1%		
Egypt	170,568	219,732	277,805	175,125	-37.0%	2.7%		
Morocco	165,916	133,308	175,435	161,409	-8.0%	-2.7%		
All Countries/Regions	91,244,197	78,787,566	82,755,197	81,628,533	-1.4%	-10.5%		

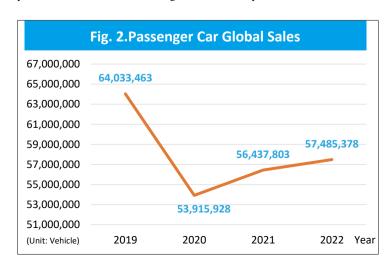
Passenger Car

Global passenger car sales have been picking up over the past three years and grew by 1.9% to 57.48 million units in 2022 compared to 2021, but the gap is still large compared to the pre-pandemic level of 64.03 million units, indicating that the market is still at a relatively low level (see **Figure 2**).

The sales volume in Asia Pacific reached 37.50 million units, among which India, ASEAN, Indonesia, Malaysia, Thailand, Vietnam, Philippines and other Southeast Asian countries achieved double-digit growth in sales volume, which is worth paying attention to in terms of the demand for automotive fasteners.

The top five sales countries in Europe are Germany, UK, France, Italy and Spain. Except for Germany, which only increased by 1%, the other four countries all declined, and so did the sales in the whole European region. The sales in Russia and Ukraine in the state of war fell by as much as about 60%.

The two largest passenger car sales countries in the Americas are the U.S. and Brazil. Sales in the U.S. declined by 14% last year to 2.85 million units, a big difference from the 4.71 million units sold before the pandemic, indicating that local sales were still in decline. Brazil grew only 1.2% last year, and overall there was no significant recovery there.



Industry Focus

	Strations or Sat		les – Passengo			(Unit: Vehicle)
Regions/Countries	Q1-Q4 2019	Q1-Q4 2020	Q1-Q4 2021	Q1-Q4 2022	2022/2021	2022/ 2019
Europe	17,948,525	14,176,858	14,016,065	12,640,455	-9.8%	-29.6%
EU 27 Countries + EFTA + UK	15,787,104	11,954,880	11,778,330	11,296,757	-4.1%	-28.4%
Germany	3,607,258	2,917,678	2,622,132	2,651,357	1.1%	-26.5%
United Kingdom	2,311,140	1,631,064	1,647,181	1,614,063	-2.0%	-30.2%
France	2,214,280	1,650,118	1,659,005	1,532,035	-7.7%	-30.8%
Italy	1,916,949	1,381,753	1,458,030	1,316,919	-9.7%	-31.3%
Spain	1,258,251	851,222	859,477	813,374	-5.4%	-35.4%
Poland	555,598	428,347	446,647	419,749	-6.0%	-24.5%
Belgium	550,008	431,491	383,123	366,333	-4.4%	-33.4%
Netherlands	446,056	355,598	322,323	313,609	-2.7%	-29.7%
Sweden	356,036	292,024	301,006	288,087	-4.3%	-19.1%
Switzerland	310,050	236,828	238,481	226,006	-5.2%	-27.1%
Austria	320,381	257,721	239,803	215,050	-10.3%	-32.9%
Czech Republic	249,915	202,971	206,876	192,087	-7.1%	-23.1%
Other Countries	238,551	182,625	195,040	187,000		
Norway	142,381	141,412	176,276	174,329	-1.1%	22.4%
Portugal	221,799	142,414	146,637	156,304	6.6%	-29.5%
Denmark	225,410	198,162	185,324	148,293	-20.0%	-34.2%
Romania	159,696	125,004	119,817	127,948	6.8%	-19.9%
Hungary	157,906	128,031	121,920	111,524	-8.5%	-29.4%
Greece	114,226	80,977	100,916	105,283	4.3%	-7.8%
Ireland	117,109	88,324	104,669	105,253	0.6%	-10.1%
Finland	114,188	96,430	98,481	81,674	-17.1%	-28.5%
Slovakia	101,568	76,305	75,700	78,841	4.1%	-22.4%
Slovenia	59,862	40,200	53,988	46,339	-14.2%	-22.6%
Croatia	62,977	36,013	44,929	42,955	-4.4%	-31.8%
Bulgaria	35,371	22,368	24,537	28,684	16.9%	-18.9%
Russia, Turkey & Other Europe	2,161,421	2,221,978	2,237,735	1,343,698	-40.0%	-37.8%
Russia	1,567,743	1,433,956	1,483,444	629,923	-57.5%	-59.8%
Turkey	387,256	610,109	561,853	592,660	5.5%	53.0%
Other Countries/Regions	117,985	92,463	82,252	75,825	-7.8%	-35.7%
Ukraine	88,437	85,450	103,262	37,891	-63.3%	-57.2%
America	9,615,068	6,863,607	7,022,931	6,550,719	-6.7%	-31.9%
USMCA (Former NAFTA)	5,980,349	4,253,021	4,190,767	3,604,020	-14.0%	-39.7%
USA	4,719,710	3,401,838	3,350,050	2,858,575	-14.7%	-39.4%
Mexico	763,793	532,433	520,112	486,962	-6.4%	-36.2%
Canada	496,846	318,750	320,605	258,483	-19.4%	-48.0%
Central & South America	3,634,719	2,610,586	2,832,164	2,946,699	4.0%	-18.9%
Brazil	2,262,073	1,615,942	1,558,467	1,576,666	1.2%	-30.3%
Chile	260,683	194,128	304,045	313,589	3.1%	20.3%
Other Countries/Regions	262,755	189,378	244,388	277,513	13.6%	5.6%
Argentina	333,226	232,133	240,688	260,876	8.4%	-21.7%
Colombia	220,564	151,730	200,914	208,160	3.6%	-5.6%
Peru	115,241	81,496	111,436	118,915	6.7%	3.2%
Ecuador	97,572	61,746	86,740	100,069	15.4%	2.6%
Puerto Rico	82,605	84,033	85,486	90,911	6.3%	10.1%
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Regions/Countries Asia/Oceania/Middle East

Table 2. Registrations or Sales of New Vehicles - Passenger Car

Q1-Q4 2019

35,586,750

Q1-Q4 2020

32,210,364

Q1-Q4 2021

34,565,574

Q1-Q4 2022

37.504.121

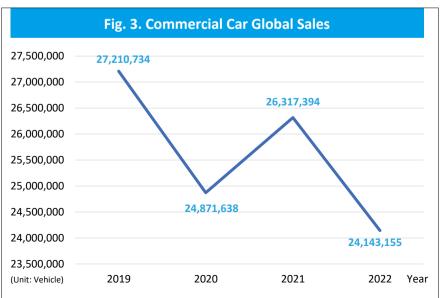
2022/2021

8.5%

Global commercial vehicle sales have fluctuated sharply over the past four years, showing a jagged line (see Figure 3), and although they

As we can see from Table 3, the vast majority of the world's commercial vehicles are sold in Europe, but the sales in this region also fell by double digits, with Ukraine, Russia and Austria showing the largest declines. The top five sales countries in this region, including France, UK Germany, Italy and Spain, have all experienced continuous sales declines over the past four years, resulting in a sluggish economy.

Although Asia Pacific also had a doubledigit decline, there were still many countries with significant increases, including India, Thailand, Indonesia, the Philippines, Malaysia, Saudi Arabia and so on, most of which are located in Southeast Asia. Among them, India has the largest increase, up 37%. The largest decline was in China, down 31%.



(Unit: Vehicle)

2022/2019

5.4%

Industry Focus

Regions/Countries	Q1-Q4 2019	Q1-Q4 2020	Q1-Q4 2021	Q1-Q4 2022	2022/2021	2022/ 2019
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EUROPE	2,981,609	2,537,257	2,866,401	2,442,633	-14.8%	-18.1%
EU 27 Countries + EFTA + UK	2,636,513	2,126,093	2,362,734	2,006,157	-15.1%	-23.9%
France	541,448	449,912	483,279	397,519	-17.7%	-26.6%
United Kingdom	425,419	333,596	401,824	329,509	-18.0%	-22.5%
Germany	409,801	349,081	351,187	312,391	-11.0%	-23.8%
Italy	215,681	183,003	211,825	189,059	-10.7%	-12.3%
Spain	242,993	179,570	174,587	145,439	-16.7%	-40.1%
Poland	100,660	81,806	107,972	98,299	-9.0%	-2.3%
Netherlands	92,683	71,564	80,500	72,849	-9.5%	-21.4%
Belgium	91,992	78,503	80,688	65,261	-19.1%	-29.1%
Other Countries	47,009	33,285	42,534	42,770	0.6%	-9.0%
Sweden	62,442	38,191	42,874	41,781	-2.5%	-33.1%
Norway	47,341	39,473	41,188	35,678	-13.4%	-24.6%
Denmark	38,663	35,109	36,592	32,723	-10.6%	-15.4%
Austria	51,553	43,896	66,373	29,644	-55.3%	-42.5%
Portugal	44,028	31,575	33,650	29,063	-13.6%	-34.0%
Switzerland	42,918	32,563	33,606	28,878	-14.1%	-32.7%
Czech Republic	31,508	25,863	29,345	27,111	-7.6%	-14.0%
Ireland	27,995	23,798	31,457	26,147	-16.9%	-6.6%
Hungary	32,184	25,947	28,467	24,048	-15.5%	-25.3%
Romania	29,328	21,381	25,583	24,028	-6.1%	-18.1%
Finland	19,317	16,558	16,810	14,948	-11.1%	-22.6%
Slovakia	12,295	8,604	11,649	11,233	-3.6%	-8.6%
Greece	8,764	7,733	11,448	10,601	-7.4%	21.0%
Slovenia	13,636	9,477	11,710	9,585	-18.1%	-29.7%
Bulgaria	9,606	7,295	9,935	8,811	-11.3%	-8.3%
Croatia	10,885	7,787	9,361	8,367	-10.6%	-23.1%
Russia, Turkey & Other Europe	345,096	411,164	503,667	436,476	-13.3%	26.5%
Turkey	104,691	186,041	210,997	234,503	11.1%	124.0%
Russia	211,098	197,207	258,521	178,681	-30.9%	-15.4%
Other Countries/Regions	15,202	14,380	14,567	14,454	-0.8%	-4.9%
Ukraine	14,105	13,536	18,510	7,770	-58.0%	-44.9%
America	15,774,661	13,953,878	14,991,703	14,337,522	-4.4%	-9.1%
USMCA (Former NAFTA)	14,844,253	13,192,459	13,969,380	13,323,711	-4.6%	-10.2%
USA	12,768,444	11,479,518	12,058,515	11,371,749	-5.7%	-10.9%
Canada	1,479,594	1,267,724	1,384,245	1,304,482	-5.8%	-11.8%
Mexico	596,215	445,217	526,620	647,480	23.0%	8.6%
Central & South America	930,408	761,419	1,022,323	1,013,811	-0.8%	9.0%
Brazil	525,777	442,495	561,384	527,795	-6.0%	0.4%
Argentina	118,974	102,183	140,748	146,732	4.3%	23.3%
Chile	87,892	64,707	111,537	113,192	1.5%	28.8%
Other Countries/Regions	88,426	67,245	95,825	109,731	14.5%	24.1%
Peru	40,266	27,503	41,420	43,180	4.2%	7.2%
Colombia	28,125	21,391	28,579	29,089	1.8%	3.4%
Ecuador	21,625	16,441	22,967	25,981	13.1%	20.1%
Puerto Rico	19,323	19,454	19,863	18,111	-8.8%	-6.3%
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Table 3. Registrations or Sales of New Vehicles – Commercial Car							
Regions/Countries	Q1-Q4 2019	Q1-Q4 2020	Q1-Q4 2021	Q1-Q4 2022	2022/2021	2022/ 2019	
Asia/Oceania/Middle East	8,137,293	8,119,894	8,159,003	7,062,421	-13.4%	-13.2%	
China	4,324,840	5,133,338	4,795,939	3,300,458	-31.2%	-23.7%	
ASEAN	1,078,852	806,874	904,503	1,037,350	14.7%	-3.8%	
India	854,743	505,102	677,119	933,116	37.8%	9.2%	
Japan	894,125	788,634	772,642	753,023	-2.5%	-15.8%	
Thailand	538,914	448,652	436,380	506,039	16.0%	-6.1%	
Australia	263,604	240,164	296,575	303,741	2.4%	15.2%	
Indonesia	244,947	143,152	227,396	264,477	16.3%	8.0%	
South Korea	298,099	287,639	265,708	263,171	-1.0%	-11.7%	
Other Countries/Regions	143,620	113,066	125,814	133,602	6.2%	-7.0%	
Philippines	151,851	90,345	106,092	132,967	25.3%	-12.4%	
Saudi Arabia	73,531	64,835	80,722	97,006	20.2%	31.9%	
Malaysia	54,105	48,469	56,248	62,162	10.5%	14.9%	
Uzbekistan	49,276	48,750	46,123	51,395	11.4%	4.3%	
New Zealand	45,683	35,002	53,279	48,479	-9.0%	6.1%	
Vietnam	47,480	45,630	53,157	46,928	-11.7%	-1.2%	
Taiwan	45,001	35,533	40,000	39,354	-1.6%	-12.5%	
Pakistan	25,025	20,042	38,503	39,074	1.5%	56.1%	
United Arab Emirates	33,785	28,810	32,064	36,125	12.7%	6.9%	
Israel	28,549	23,883	31,249	30,293	-3.1%	6.1%	
Kuwait	14,179	12,639	16,697	16,653	-0.3%	17.4%	
Kazakhstan	5,936	6,209	7,296	4,358	-40.3%	-26.6%	
Africa	317,171	260,609	300,287	300,579	0.1%	-5.2%	
South Africa	177,520	126,092	146,334	165,866	13.3%	-6.6%	
Other Countries/Regions	78,964	66,315	70,069	75,301	7.5%	-4.6%	
Egypt	43,125	51,940	62,733	41,268	-34.2%	-4.3%	
Morocco	17,562	16,262	21,151	18,144	-14.2%	3.3%	
All Countries/Regions	27,210,734	24,871,638	26,317,394	24,143,155	-8.3%	-11.3%	

Past and Future

On the whole, global vehicle sales have been hit hard in the past four years, and the rebound was still weak as of last year. Europe was hit the hardest, and sales volume declined the most. It is worth noting that Asia Pacific has also been hit, but is still showing good resilience, with most countries in this region still experiencing growth.

Several market research companies predict that global auto sales this year are expected to have minor growth despite the concerns that still lingers. What is certain is that India, emerging as the next world factory, had a significant double-digit growth last year regardless of vehicle type; and therefore, India's car sales momentum this year is very promising.

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