

### **Greater China - Autos**

## **December PV insurance flat YoY; channel** inventory down; EV sales +26% YoY

**Industry Overview** 

### December PV insurance sales flat YoY/28% MoM

In December, PV insurance registrations (retail sales) came in at 2.45mn units, flat YoY/ 28% MoM. 2023 retail sales grew 6% YoY. Based on the variation between wholesale (2.79mn, +23% YoY, as reported by CAAM) and insurance registrations, and considering the export volume (478k units), we estimate channel inventory decreased by 137k units in December. Geographically, some provinces/cities such as Guangdong, Jiangsu, Shandong, Henan, and Hebei outperformed, while Zhejiang, and Sichuan, Hunan, and Anhui underperformed in December.

### EV insurance up 26% YoY at 888k units

Locally manufactured EVs' insurance registrations totaled 888k in December, up 26% YoY/15% MoM. Among OEMs, Tesla, GAC Aion, SGM Wuling, Li Auto, GWM, XPeng and SAIC VW outpaced the EV market growth in December. BYD's insurance registrations rose 23% YoY to 272k units. Tesla's domestic sales grew 80% YoY at 75k units: Model 3 sales came in at 15.7k units and Model Y at 59.4k units. December numbers for EV startups such as GAC Aion/Li Auto/NIO/Leapmotor /XPeng/Hozon (Nezha) were 42k units (+65% YoY)/51k units (+137% YoY)/18k units (+16% YoY)/18k units (+18% YoY)/17k units (+50% YoY)/6k units (-73% YoY), respectively.

### JV brands a mix bag; Luxury brands most up YoY

JV brands, like GAC Toyota (-23% YoY), FAW Toyota (-6% YoY), Changan Ford (-6% YoY), SAIC GM (-22% YoY), SAIC VW (-17% YoY), FAW VW (-10% YoY), GAC Honda (-3% YoY), saw a drop in December. SGM Wuling (+15% YoY), and DF Honda (+34% YoY) posted YoY growth, while DF Nissan (flat YoY). Among luxury brands, Lexus was up 47% YoY, FAW Audi +7% YoY, SAIC Audi +451% YoY due to a low base, Brilliance BMW +6% YoY, while Beijing Benz was down 22% YoY.

### Own brands: GAC Trumpchi/Aion outperformed

Vehicle insurance registrations for Changan/GWM were down 16%/10% YoY in December. GAC Trumpchi was up 4% YoY; GAC Aion was up 65% YoY. In December, DF Fengshen saw a 52% YoY decline; and SAIC PV witnessed a 24% YoY decline.

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Equity **Greater China** Autos

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PV: Passenger vehicle

CAAM: China Association of

Automobile Manufacturers

EV: Electric vehicle

OEM: Original equipment

manufacturer

JV: Joint venture

BEV: Battery electric vehicle

PHEV: Plug in hybrid electric vehicle

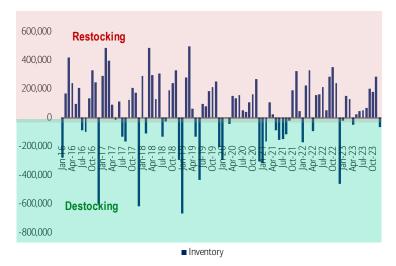
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### **Exhibit 1: Industry's monthly inventory changes**

Inventory at channels decreased by 137k units in December, after adjusting for export volumes

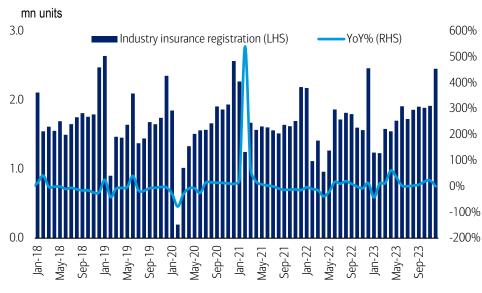


Source: CAAM, Thinker car

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### Exhibit 2: Monthly vehicle insurance data (vehicles manufactured in China only)

December vehicle insurance registration sales were flat YoY at 2.45mn units



Source: Thinker car

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# Exhibit 3: Market share of major EV startups and BYD in China BEV + PHEV In December, Tesla's market share was 8.6%, while BYD had 30.4%

Sales volume	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
BYD	221,183	123,376	146.044	192,538	177,410	216,314	233,551	211,553	223,578	245,267	240,151	228,422	272,079	2,510,283
Tesla	41,687	27.207	34,064	75,728	40.717	44,062	75,006	32,911	65,029	43,334	30,659	67,552	76,967	613,236
GAC Aion	25,605	8,077	28,795	43,139	36,711	40,667	41,415	36,317	50,982	42,984	39,855	31,626	42,303	442,871
Li Auto	21,394	15.470	17,003	21,627	26,242	28,455	32,600	33,574	33,892	36,364	39,551	42,725	50,781	378,284
NIO	15,050	10,067	11,904	10,394	7,007	6,095	11,053	18,764	18,813	18,087	15,333	15.109	17,517	160,143
XPeng	11,526	5,028	5,872	7,153	6,842	7,336	8,898	10,644	13,922	14,767	17,525	18,253	17,338	133,578
Leap Motor	14,843	618	1,285	3,387	8,182	13,228	13.686	11.838	12,733	15,313	14.269	18.201	17,551	130,291
Hozon (Nezha)	22,774	4,971	8,556	8,283	9,657	8,331	9,753	8,597	11,217	9,105	10,424	10,381	6,227	105,502
AITO	10,841	3,261	3,166	3,563	4,416	5,475	4,498	4,503	3,623	4,359	12,112	12,112	12,112	73,200
Total NEV sales	709,246	294,050	396,727	542,452	492,906	563,901	656,985	612,241	683,396	702,731	715,179	777,846	894,841	7,333,255
Market share										·				
BYD	31.2%	42.0%	36.8%	35.5%	36.0%	38.4%	35.5%	34.6%	32.7%	34.9%	33.6%	29.4%	30.4%	34.2%
Tesla	5.9%	9.3%	8.6%	14.0%	8.3%	7.8%	11.4%	5.4%	9.5%	6.2%	4.3%	8.7%	8.6%	8.4%
GAC Aion	3.6%	2.7%	7.3%	8.0%	7.4%	7.2%	6.3%	5.9%	7.5%	6.1%	5.6%	4.1%	4.7%	6.0%
Li Auto	3.0%	5.3%	4.3%	4.0%	5.3%	5.0%	5.0%	5.5%	5.0%	5.2%	5.5%	5.5%	5.7%	5.2%
NIO	2.1%	3.4%	3.0%	1.9%	1.4%	1.1%	1.7%	3.1%	2.8%	2.6%	2.1%	1.9%	2.0%	2.2%
XPeng	1.6%	1.7%	1.5%	1.3%	1.4%	1.3%	1.4%	1.7%	2.0%	2.1%	2.5%	2.3%	1.9%	1.8%
Leap Motor	2.1%	0.2%	0.3%	0.6%	1.7%	2.3%	2.1%	1.9%	1.9%	2.2%	2.0%	2.3%	2.0%	1.8%
Hozon (Nezha)	3.2%	1.7%	2.2%	1.5%	2.0%	1.5%	1.5%	1.4%	1.6%	1.3%	1.5%	1.3%	0.7%	1.4%
AITO	1.5%	1.1%	0.8%	0.7%	0.9%	1.0%	0.7%	0.7%	0.5%	0.6%	1.7%	1.6%	1.4%	1.0%

Source: Thinker car BofA GLOBAL RESEARCH



Exhibit 4: Monthly vehicle insurance registration (retail sales in China, export sales not included)

Among OEMs—SGM Wuling, FAW Audi, GAC Trumpchi/Aion, DF Honda, Brilliance BMW, Tesla, BYD, XPeng, and Li Auto outperformed in December

(units)	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
SAIC VW	74,485	72,217	83,072	93,217	89,001	98,034	94,889	106,195	108,403	103,484	101,563	132,641	1,157,201
SAIC GM	47,310	48,411	68,177	79,557	78,926	82,095	72,642	78,178	79,495	72,106	83,581	82,167	872,645
SAIC GM Wuling	48,327	57,361	49,309	50,221	55,333	50,641	55,407	58,244	60,972	70,658	72,102	86,303	714,878
SAIC PV	25,921	20,129	17,990	20,535	25,284	22,343	20,622	21,330	23,123	24,253	22,314	35,022	278,866
FAW VW	75,434	71,977	88,664	92,961	100,160	117,117	110,226	103,262	105,514	96,463	100,375	138,130	1,200,283
FAW Toyota	40,043	46,361	60,037	62,398	65,932	79,229	64,176	68,605	65,121	64,553	58,077	90,674	765,206
FAW VW Audi	33,307	35,432	53,299	47,617	52,903	61,558	53,144	52,823	59,089	49,864	50,821	65,499	615,356
BYD	123,435	146,088	192,549	177,417	216,323	233,563	211,554	223,578	245,267	240,151	228,424	272,080	2,510,429
GAC Toyota	52,945	58,532	64,349	73,218	78,382	89,546	73,200	77,841	80,195	82,569	77,579	92,433	900,789
GAC Honda	28,057	34,403	47,950	46,979	49,538	64,491	43,810	44,881	49,384	58,273	51,869	82,734	602,369
GAC Aion	8,077	28,795	43,139	36,711	49,558	41,415	36,317	50,982	42,984	39,855	31,626	42,303	442,871
GAC Trumpchi	23,533	20,747	25,399	27,329	31,186	33,283	28,518	30,109	30,211	29,176	28,147	42,303	349,514
	99,218	72,918	96,573	94,839	105,586	115,163	117,088	120,224	123,259	128,090	116,451	145,089	1,334,498
Changan Changan Ford	99,216	8,722	90,575	9,728	105,566	13,192	12,187	13,030	14,647	126,090	11,681	17,361	1,334,496
DF Nissan	52,049	40,573	48,781	50,176	60,671	65,996	54,023	58,589	56,085	63,497	69,377	109,705	729,522
DF Honda	30,279	31,168	45,728	36,864	43,476	51,709	46,763	61,402	56,785	56,754	54,305	90,998	606,231
DF PV	8,513	4,931	11,220	7,848	10,331	10,915	10,912		12,352	11,549	10,471	12,905	123,371
			51,614	50,926	50,674	55,053	53,137	11,424		-			
Beijing Benz	45,152 20,480	43,766	18,064	18,390	21,592	,	18,838	56,300	53,909	43,221 19,709	42,186 18,659	42,978 29,894	588,916
Beijing Hyundai Brilliance BMW		14,013	-			21,230		18,453	17,340	-			236,662
	52,720	46,692	63,207	54,422	56,048	60,454	55,524	60,118	64,746	56,571	65,146	70,683	706,331
GWM	52,383	42,026	48,915	54,714	59,155	68,712	62,921	61,594	64,778	67,423	68,592	89,024	740,237
Tesla Total	27,207	34,064	75,728	40,717	44,062	75,006	32,911	65,029	43,334	30,659	67,552	76,967	613,236
Li Auto	15,470	17,003	21,627	26,242	28,455	32,600	33,574	33,892	36,364	39,551	42,725	50,781	378,284
Lexus	9,031	10,154	10,662	10,699	13,648	16,398	16,008	18,373	16,867	17,149	19,320	22,591	180,900
NIO	10,067	11,904	10,394	7,007	6,095	11,053	18,764	18,813	18,087	15,333	15,109	17,517	160,143
XPeng	5,028	5,872	7,153	6,842	7,336	8,898	10,644	13,922	14,767	17,525	18,253	17,338	133,578
Industry domestic	1,237,635	1,228,768		1,545,410						1,885,619			20,932,057
Industry total	1,294,129												
		1,285,740											21,701,081
(YoY %)	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
(YoY %) SAIC VW	<b>Jan-23</b> -45.5%	<b>Feb-23</b> -6.5%	<b>Mar-23</b> 5.9%	<b>Apr-23</b> 75.1%	<b>May-23</b> 30.5%	<b>Jun-23</b> -13.1%	<b>Jul-23</b> -16.9%	<b>Aug-23</b> -9.4%	<b>Sep-23</b> -7.6%	Oct-23 -1.7%	<b>Nov-23</b> 5.6%	<b>Dec-23</b> -17.0%	<b>2023</b> -6.4%
(YoY %) SAIC VW SAIC GM	<b>Jan-23</b> -45.5% -63.0%	<b>Feb-23</b> -6.5% -12.8%	<b>Mar-23</b> 5.9% 0.6%	<b>Apr-23</b> 75.1% 83.8%	<b>May-23</b> 30.5% 40.6%	Jun-23 -13.1% -10.6%	<b>Jul-23</b> -16.9% -27.0%	<b>Aug-23</b> -9.4% -21.6%	<b>Sep-23</b> -7.6% -24.2%	Oct-23 -1.7% -11.1%	<b>Nov-23</b> 5.6% 19.1%	<b>Dec-23</b> -17.0% -21.6%	<b>2023</b> -6.4% -13.0%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling	Jan-23 -45.5% -63.0% -46.3%	-6.5% -12.8% -9.6%	<b>Mar-23</b> 5.9% 0.6% -32.6%	<b>Apr-23</b> 75.1% 83.8% 16.6%	<b>May-23</b> 30.5% 40.6% 3.6%	Jun-23 -13.1% -10.6% -31.3%	Jul-23 -16.9% -27.0% -19.3%	<b>Aug-23</b> -9.4% -21.6% -10.3%	<b>Sep-23</b> -7.6% -24.2% -7.8%	Oct-23 -1.7% -11.1% 0.9%	Nov-23 5.6% 19.1% 29.2%	<b>Dec-23</b> -17.0% -21.6% 14.7%	<b>2023</b> -6.4% -13.0% -10.4%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV	Jan-23 -45.5% -63.0% -46.3% -62.1%	Feb-23 -6.5% -12.8% -9.6% -34.2%	Mar-23 5.9% 0.6% -32.6% -39.2%	<b>Apr-23</b> 75.1% 83.8% 16.6% 31.4%	May-23 30.5% 40.6% 3.6% 12.7%	Jun-23 -13.1% -10.6% -31.3% -32.1%	Jul-23 -16.9% -27.0% -19.3% -29.4%	Aug-23 -9.4% -21.6% -10.3% -30.2%	<b>Sep-23</b> -7.6% -24.2% -7.8% -21.6%	Oct-23 -1.7% -11.1% 0.9% -12.8%	5.6% 19.1% 29.2% -13.3%	Dec-23 -17.0% -21.6% 14.7% -24.4%	2023 -6.4% -13.0% -10.4% -28.3%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2%	<b>Apr-23</b> 75.1% 83.8% 16.6% 31.4% 75.0%	May-23 30.5% 40.6% 3.6% 12.7% 26.2%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0%	Oct-23 -1.7% -11.1% 0.9% -12.8% 5.1%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9%	2023 -6.4% -13.0% -10.4% -28.3% 4.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4%	Oct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2%	5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4%	<b>Apr-23</b> 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1%	Oct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7%	5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0%	<b>Apr-23</b> 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9%	<b>Sep-23</b> -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7%	5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -23.6%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6% -26.5%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7% 57.2%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -5.5% 65.2%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6% -26.5% -38.4%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7% 57.2% 9.2%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9%	Sep-23 -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6% -26.5% -38.4%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7% 57.2% 9.2% 17.8%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 11.9%	Sep-23  -7.6% -24.2% -7.8% -21.6%  -1.0% -12.4% 12.1%  47.0% -6.1% -15.6% 86.8% 17.2% 26.6%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6% -26.5% -38.4% -30.8% -57.8%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 11.9% -10.6%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan	Jan-23 -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3% 44.2% -43.6% -65.6% -26.5% -38.4% -57.8% -51.9%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3% -24.6%	Jul-23 -16.9% -27.0% -19.3% -29.4% 12.6% -23.8% -6.6% 51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 11.9% -10.6% -34.0%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4%  -57.8%  -51.9% -61.4%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3% -24.6% -20.2%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 11.9% -10.6% -34.0% -5.9%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% -16.3% -18.2% -7.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda DF PV	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4%  -57.8%  -51.9% -61.4% -47.6%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5% -24.3%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3% -24.6% -20.2% -18.8%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1%	Sep-23  -7.6% -24.2% -7.8% -21.6%  -1.0% -12.4% 12.1%  47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% -16.3% -18.2% -7.2% -27.1%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda DF PV Beijing Benz	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4%  -57.8%  -51.9% -61.4% -47.6% -36.0%	Feb-23 -6.5% -12.8% -9.6% -34.2% 11.6% 3.3% -2.2% 109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3% -24.6% -20.2% -18.8% 1.2%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 11.9% -10.6% -34.0% -5.9%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4%  -57.8%  -51.9% -61.4% -47.6% -36.0% -44.8%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5% -24.3% 41.3% -7.8%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7%	75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -22.3% -24.6% -20.2% -18.8% 1.2% -0.3%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -26.7%	5ep-23  -7.6% -24.2% -7.8% -21.6%  -1.0% -12.4% 12.1%  47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6%	2023 -6.4% -13.0% -10.4% -28.3% 4.29 -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5% -24.3% 41.3% -7.8% 42.1%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -7.4%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -29.5% -24.3% 41.3% -7.8% 42.1% -18.5%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -7.4% 4.7%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% -22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6%	2023 -6.4% -13.0% -10.4% -28.3% 4.29 -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW	Jan-23  -45.5% -63.0% -46.3% -62.1%  -37.8% -43.3% -50.3%  44.2%  -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5% -24.3% 41.3% -7.8% 42.1%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -7.4%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1%	2023 -6.4% -13.0% -10.4% -28.3% 4.29 -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -29.5% -24.3% 41.3% -7.8% 42.1% -18.5%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9%	Aug-23 -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -7.4% 4.7%	5ep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% -22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM Tesla Total	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5% 38.7%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -29.5% -24.3% 41.3% -7.8% 42.1% -18.5% 40.8%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5% 16.4%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8% 2249.5%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6% 326.5%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3% -2.9%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9% 268.5%	Aug-23  -9.4% -21.6% -10.3% -30.2%  -8.1% -15.5% -11.3%  42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -26.7% 7.4% 4.7% 82.5%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2% -43.6%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7% 67.7%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2% 8.8%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6% 84.6%	2023 -6.4% -13.0% -10.4% -28.3% 4.29 -5.2% 3.9% -56.0% -10.5% -16.9% 107.1% 15.2% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2% 38.8%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM Tesla Total Li Auto	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -30.8% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5% 38.7% 24.5%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0% 21.6% -16.3% 291.6% 18.3% 25.7% -12.4% -23.4% -29.5% -24.3% 41.3% -7.8% 42.1% -18.5% 40.8% 103.1%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5% 16.4% 95.2%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8% 2249.5% 523.9%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6% 326.5%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3% -2.9% 147.9%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9% 268.5% 203.6%	Aug-23  -9.4% -21.6% -10.3% -30.2% -8.1% -15.5% -11.3% 42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -4.7% 82.5% 621.4%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1%  47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2% -43.6% 214.1%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7% 67.7% 289.5%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2% 8.8% 174.1%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6% 84.6%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% -56.0% -10.5% -16.9% 107.1% 15.2% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2% 38.8% 179.6%
(YoY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM Tesla Total Li Auto Lexus NIO	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -30.8% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5% 38.7% 24.5% -49.3%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0%  21.6% -16.3% 291.6% 18.3%  25.7% -12.4% -23.4% -29.5% -24.3% 41.3% -7.8% 42.1% -18.5% 40.8% 103.1% -12.5%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5% 16.4% 95.2% -37.0%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8% 2249.5% 523.9% 4.2%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6% 326.5% 145.4% -0.7%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3% -2.9% 147.9% 1.6%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9% 268.5% 203.6% -17.5%	Aug-23  -9.4% -21.6% -10.3% -30.2%  -8.1% -15.5% -11.3%  42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -26.7% 7.4% 4.7% 82.5% 621.4% -3.3%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2% -43.6% 214.1% 5.9%	0ct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7% 67.7% 289.5% 23.6%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2% 8.8% 174.1% 52.8%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6% 84.6% 137.4% 47.2%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% -56.0% -10.5% -16.9% 107.1% 15.2% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2% 38.8% 179.6% -1.0%
(YOY %) SAIC VW SAIC GM SAIC GM Wuling SAIC PV FAW VW FAW Toyota FAW VW Audi BYD GAC Toyota GAC Honda GAC Aion GAC Trumpchi Changan Ford DF Nissan DF Honda DF PV Beijing Benz Beijing Hyundai Brilliance BMW GWM Tesla Total Li Auto Lexus	Jan-23  -45.5% -63.0% -46.3% -62.1% -37.8% -43.3% -50.3%  44.2% -43.6% -65.6% -26.5% -38.4% -57.8% -51.9% -61.4% -47.6% -36.0% -44.8% -41.9% -53.5% 38.7% 24.5% -49.3% -1.1%	Feb-23  -6.5% -12.8% -9.6% -34.2%  11.6% 3.3% -2.2%  109.0%  21.6% -16.3% 291.6% 18.3%  25.7% -12.4% -23.4% -29.5% -24.3%  41.3% -7.8% 42.1% -18.5% 40.8% 103.1% -12.5% 110.2%	Mar-23 5.9% 0.6% -32.6% -39.2% 16.2% -1.0% 23.4% 80.0% -9.0% -11.5% 130.2% 28.7% 59.7% -7.7% -16.4% -16.6% 12.5% 12.2% 34.7% 52.5% -9.5% 16.4% 95.2% -37.0% 5.7%	Apr-23 75.1% 83.8% 16.6% 31.4% 75.0% 70.3% 98.0% 96.4% 23.8% 11.5% 179.4% 80.3% 89.1% 3.4% 13.6% -5.6% -1.4% 48.0% 87.1% 75.9% 54.8% 2249.5% 523.9% 4.2% 32.0%	May-23 30.5% 40.6% 3.6% 12.7% 26.2% 27.3% 31.6% 109.8% 0.5% -2.4% 262.3% 43.2% 49.2% -8.0% 4.7% -7.0% 3.5% 34.1% 66.9% 7.7% 27.6% 326.5% 145.4% -0.7% -6.4%	Jun-23 -13.1% -10.6% -31.3% -32.1% 3.6% -2.2% -6.8% 78.2% -20.6% -8.9% 90.7% 19.5% 22.3% -24.6% -20.2% -18.8% 1.2% -0.3% 0.0% 12.3% -2.9% 147.9% 1.6% -7.8%	Jul-23  -16.9% -27.0% -19.3% -29.4%  12.6% -23.8% -6.6%  51.6% -13.8% -34.7% 57.2% 9.2% 17.8% -12.7% -32.7% -31.5% -27.0% -5.0% -14.5% -2.9% 0.9% 268.5% 203.6% -17.5% 82.5%	Aug-23  -9.4% -21.6% -10.3% -30.2%  -8.1% -15.5% -11.3%  42.9% -12.3% -35.6% 125.9% 12.9% 11.9% -10.6% -34.0% -5.9% -30.1% 4.9% -26.7% 7.4% 4.7% 82.5% 621.4% -3.3% 78.0%	Sep-23  -7.6% -24.2% -7.8% -21.6% -1.0% -12.4% 12.1% 47.0% -6.1% -15.6% 86.8% 17.2% 26.6% -4.0% -27.8% 30.0% -24.6% 4.2% -31.7% -0.1% 20.2% -43.6% 214.1% 5.9% 67.3%	Oct-23 -1.7% -11.1% 0.9% -12.8% 5.1% -0.4% 18.7% 49.7% -4.3% 4.9% 132.6% 26.0% 23.6% -16.0% -11.8% 30.3% -25.9% -7.4% -16.9% 11.0% 20.7% 67.7% 289.5% 23.6% 56.4%	Nov-23 5.6% 19.1% 29.2% -13.3% 22.1% -4.2% 18.6% 28.7% -2.3% 6.3% 64.2% 32.8% 21.1% -9.6% 27.5% 49.9% -29.9% -9.2% 1.2% 20.7% 34.2% 8.8% 174.1% 52.8% 6.8%	Dec-23 -17.0% -21.6% 14.7% -24.4% -9.9% -6.1% 6.5% 22.9% -22.5% -2.5% 65.2% 4.3% -15.7% -6.1% 0.0% 33.7% -51.9% -21.7% -16.6% 6.1% -9.6% 84.6% 137.4% 47.2% 16.4%	2023 -6.4% -13.0% -10.4% -28.3% 4.2% -5.2% 3.9% 56.0% -10.5% -16.9% 107.1% 15.2% 15.7% -16.3% -18.2% -7.2% -27.1% 0.9% -9.1% 7.4% -0.2% 38.8% 179.6% -1.0% 33.3%

**Source:** Thinker car

Note: SAIC GM Wuling only includes PV sales

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**Exhibit 5: Monthly major OEM CIRC insurance registration sales of BEV + PHEV, by YTD sales**Among OEMs— Tesla, GAC Aion, SGM Wuling, Li Auto, GWM, XPeng and SAIC VW outpaced the EV market growth in December

OEM brand	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
BYD	123,376	146,044	192,538	177,410	216,314	233,551	211,553	223,578	245,267	240,151	228,422	272,079	2,510,283
Tesla (MIC+imported)	27,207	34,064	75,728	40,717	44,062	75,006	32,911	65,029	43,334	30,659	67,552	76,967	613,236
GAC Aion	8,077	28,795	43,139	36,711	40,667	41,415	36,317	50,982	42,984	39,855	31,626	42,303	442,871
SAIC GM Wuling	19,513	32,100	27,899	32,651	34,456	30,306	34,761	36,253	39,838	49,225	53,379	61,740	452,121
Chinese local brand	9,300	20,198	24,963	24,455	27,801	32,940	35,386	36,793	43,401	51,251	52,515	58,243	417,246
Changan	15,179	18,462	20,489	18,483	21,664	27,573	37,224	37,098	42,067	45,203	44,806	47,258	375,506
Li Auto	15,470	17,003	21,627	26,242	28,455	32,600	33,574	33,892	36,364	39,551	42,725	50,781	378,284
GWM	3,813	5,761	10,242	12,213	15,628	21,200	17,806	19,077	18,410	24,870	27,577	30,031	206,628
NIO	10,067	11,904	10,394	7,007	6,095	11,053	18,764	18,813	18,087	15,333	15,109	17,517	160,143
XPeng	5,028	5,872	7,153	6,842	7,336	8,898	10,644	13,922	14,767	17,525	18,253	17,338	133,578
Leap Motor	618	1,285	3,387	8,182	13,228	13,686	11,838	12,733	15,313	14,269	18,201	17,551	130,291
SAIC VW	3,154	3,042	7,252	6,108	6,988	6,197	12,633	12,404	15,210	16,876	17,413	19,266	126,543
Chery	4,412	7,345	8,843	7,399	9,202	9,336	8,736	11,025	11,539	12,753	11,897	11,356	113,843
Hozon (Nezha)	4,971	8,556	8,283	9,657	8,331	9,753	8,597	11,217	9,105	10,424	10,381	6,227	105,502
Brilliance BMW	7,314	5,934	8,530	7,725	8,166	8,975	6,497	8,095	9,773	8,812	10,251	11,225	101,297
FAW VW	3,602	5,603	6,441	6,995	7,843	8,850	7,483	8,320	9,696	8,317	8,772	10,627	92,549
Roewe+MG	1,971	5,262	4,718	5,053	7,498	6,773	6,781	7,521	8,217	7,661	7,905	12,873	82,233
BAIC BJEV	1,421	3,409	6,181	7,381	6,007	6,747	5,136	4,373	6,870	5,842	5,837	5,312	64,516
WM Motor	179	278	255	178	116	137	115	130	82	85	60	40	1,655
Industry total	294,050	396,727	542,452	492,906	563,901	656,985	612,241	683,396	702,731	715,179	777,846	894,841	7,333,255
Industry YoY	-7%	60%	21%	86%	73%	30%	38%	42%	30%	60%	45%	26%	39%
Industry MoM	-59%	35%	37%	-9%	14%	17%	-7%	12%	3%	2%	9%	15%	

Source: Thinker car

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### Exhibit 6: Monthly insurance registrations growth, by province

Guangdong, Jiangsu, Shandong, Henan, and Hebei outperformed, while Zhejiang, and Sichuan, Hunan, and Anhui underperformed in December

Province	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Guangdong	3%	-56%	26%	-5%	14%	12%	-2%	-12%	-11%	-11%	2%	6%	4%
Jiangsu	7%	-43%	13%	14%	119%	39%	1%	1%	-3%	-6%	2%	-1%	4%
Shandong	0%	-48%	0%	20%	59%	33%	-19%	1%	5%	14%	21%	42%	12%
Zhejiang	24%	-47%	29%	-3%	47%	19%	-16%	-8%	-2%	-13%	-8%	-13%	-10%
Henan	4%	-10%	-4%	-5%	56%	66%	8%	2%	6%	6%	74%	123%	2%
Sichuan	9%	-42%	11%	2%	39%	38%	12%	12%	13%	63%	9%	14%	-1%
Hebei	-2%	-45%	-1%	23%	105%	48%	5%	-8%	6%	9%	21%	165%	10%
Hunan	7%	-48%	1%	-3%	31%	11%	1%	-6%	-9%	-5%	8%	13%	-4%
Anhui	27%	-42%	3%	-3%	96%	35%	1%	9%	5%	5%	16%	10%	-3%
Shanghai	37%	-47%	13%	47%	4736%	2320%	19%	-18%	-18%	-33%	-26%	-24%	-12%
Hubei	15%	-45%	7%	73%	30%	17%	9%	2%	-2%	5%	21%	27%	-8%
Shaanxi	79%	42%	-10%	5%	67%	16%	11%	1%	8%	8%	38%	47%	10%
Beijing	5%	-46%	34%	12%	55%	105%	39%	13%	-1%	3%	11%	29%	14%
Liaoning	-7%	-53%	17%	47%	96%	22%	20%	-4%	8%	34%	27%	21%	21%
Yunnan	13%	-44%	6%	5%	34%	20%	3%	-1%	-7%	-1%	6%	9%	-14%
Fujian	15%	-55%	14%	20%	48%	10%	-5%	-7%	-4%	-7%	12%	8%	-12%
Jiangxi	21%	-44%	4%	3%	54%	33%	-3%	-3%	2%	26%	4%	11%	-3%
Guizhou	35%	-43%	11%	0%	37%	17%	7%	-1%	-1%	108%	17%	4%	-21%
Guangxi	15%	-53%	2%	-13%	18%	12%	-6%	3%	-4%	-1%	10%	-2%	-18%
Shanxi	-3%	-39%	14%	6%	139%	19%	-4%	-7%	1%	0%	50%	71%	17%
Chongqing	12%	-43%	6%	8%	40%	33%	30%	10%	24%	8%	12%	207%	-10%
Xinjiang	29%	-34%	17%	4%	35%	34%	20%	6%	222%	415%	1908%	2458%	7%
Jilin	6%	-51%	24%	387%	1020%	29%	-9%	35%	-4%	27%	27%	59%	24%
Inner Mongolia	12%	-46%	47%	26%	32%	29%	14%	7%	18%	30%	179%	105%	10%
Heilongjiang	29%	-47%	23%	72%	119%	34%	-3%	-11%	7%	55%	29%	24%	33%
Tianjin	-3%	-19%	6%	3%	55%	36%	50%	20%	2%	10%	44%	-4%	-3%
Gansu	37%	-34%	21%	47%	43%	20%	1%	72%	25%	21%	105%	180%	-18%
Hainan	-24%	-51%	26%	-6%	51%	21%	-1%	14%	174%	49%	18%	0%	0%
Ningxia	28%	-27%	32%	18%	51%	50%	19%	6%	7%	25%	530%	54%	10%
Qinghai	23%	-32%	28%	21%	198%	237%	8%	-2%	37%	292%	288%	1242%	-2%
Tibet	-1%	-13%	16%	-8%	7%	3%	0%	2%	246%	7544%	2417%	291%	-15%
Industry total	12%	-43%	11%	12%	60%	33%	2%	0%	2%	6%	17%	22%	0%

Source: Thinker car

BofA GLOBAL RESEARCH





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