

Pit Stop



Monthly Volume Update: Oct'25



**Broad-based growth continues;
Outlook remains positive**



MARKET SENTIMENT

[Link to previous report](#)

In Oct'25, wholesale volumes sustained healthy growth across segments, supported by GST rationalisation and festive season demand. PVs and tractors recorded double-digit growth, and CV segment continued its recovery trajectory. 2W growth, however, moderated to low-single-digit YoY growth.

In PVs, domestic demand remained firm even as export momentum moderated. MSIL reported total volume of c.221k units, slightly below our estimates of 230k units, due to lower exports and sales to other OEMs. However, domestic wholesales remained strong at c.181k units (+11% YoY) and exceeded our estimates of 177k units. M&M's UV sales stood at ~71.6k units, well above expectations of 57k units. In 2Ws, domestic volumes were broadly flat YoY, while export rose 15% YoY in Oct'25. For E2Ws, availability of rare earth magnets remains a key monitorable.

In CVs, domestic LCV and MHCV (ex-buses) sales increased by 13% and 7% YoY, respectively, while bus sales saw a healthy 19% YoY growth. Tractor volume registered 11% YoY growth on an all-time high base, supported by GST cuts and good monsoon. We expect tractor demand to remain strong, factoring in over 20% growth for FY26.

Based on our channel checks, inventory levels remained low across all segments. Looking ahead, positive consumer sentiment, driven by GST rationalisation and recent formation of the 8th Pay Commission, is expected to support demand momentum, particularly in the entry-level domestic PVs and 2Ws. CV demand is likely to maintain its recovery path, led by higher GoI capex and improved infrastructure activity.

Saksham Kaushal
saksham.kaushal@jmfl.com
Tel: (91 22) 6630 3019

Nitin Agrawal
nitin.agrawal@jmfl.com
Tel: (91 22) 6630 3687

Sahil Malik
sahil.malik@jmfl.com
Tel: (91 22) 6630 1652

JM Financial Research is also available on: Bloomberg - JMFR <GO>, FactSet, LSEG and S&P Capital IQ.
Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

MONTHLY VOLUMES

PVs – momentum sustains in domestic market, exports growth moderates: In Oct'25, PV OEMs' (total) volumes grew by 12% YoY, 4% above JMFe. Export volumes were flat YoY for key OEMs, whereas domestic volumes witnessed an increase of 14% YoY. Total volumes for MSIL stood at c.221k units (+7% YoY, +16% MoM), vs. JMFe of 230k units due to lower exports and sale to other OEMs. However, domestic wholesales (PV + LCV) at c.181k units (+11% YoY, +33% MoM) were above estimates of 177k units. For MSIL, PC and UV segments grew by 10% each on a YoY basis. Export sales / sale to other OEMs for MSIL declined by 6% / 12% YoY. M&M reported UV sales of c.71.6k units (+31% YoY, +27% MoM), vs. JMFe of 57k. TTMT posted total PV sales of c.61.3k units (+27% YoY, +1% MoM), 7% above JMFe of 57.5k units. Its EV sales stood at c.9.3k (+73% YoY, +1% MoM). However, its exports fell 45% YoY to 161 units (-87% MoM). HMIL's total volume stood at c.69.9k units (flat YoY, -1% MoM), in line with JMFe of 69k units. Domestic PV sales declined by 3% YoY to c.53.8k units, while exports increased by 11% YoY to 16.1k units. Toyota India recorded total PV sales of c.42.9k units (+39% YoY, +38% MoM). JSW MG Motor reported domestic PV sales of c.6.4k units (-9% YoY, -5% MoM). Kia India domestic wholesales for Oct'25 stood at c.29.6k units (+30% YoY, +30% MoM).

2Ws – low-single-digit growth: In Oct'25, 2W OEMs reported overall growth (domestic + exports) of 4% YoY, 3% above our estimates. Domestic growth was flat YoY, while export growth was 15% YoY. HMCL / BJAUT / TVSL / RE domestic wholesales were -8% / +4% / +8% / +15%, respectively YoY. On MoM basis, domestic sales for HMCL / BJAUT / TVSL / RE were -7% / -2% / +2% / +3%, respectively.

Overall 2W export growth was 15% YoY in Oct'25. HMCL / BJAUT / TVSL / RE reported volumes were +43% / +11% / +18% / -7% on a YoY basis. On a MoM basis, reported volumes for HMCL / BJAUT / TVSL / RE were -22% / +12% / -6% / -25%, respectively. Recovery in major export geographies remain a key monitorable.

In the E2W segment, TVSL reported E2W volumes of 32.4k units in Oct'25 (+11% YoY, +4% MoM).

CVs – recovery continues: CV segment continued its recovery trajectory in Oct'25, with wholesales rising 12% YoY, 7% above our estimates. Total CV (domestic + exports) volume for AL / TTMT / M&M / VECV were up +16% / +10% / +14% / +13% YoY. In the domestic truck market, AL's LCV / MHCV volumes grew by 19% / 11% YoY. TTMT's HCV / ILMCV / SCV sales grew by 7% / 6% / 7% YoY. M&M posted 14% YoY growth in domestic LCV volumes. VECV reported 13% YoY growth in domestic LCV, while its MHCV volumes declined by 7% YoY.

Overall bus volumes for key OEMs witnessed a growth of 19% YoY. Domestic bus sales for AL / TTMT / M&M / VECV grew by 33% / 12% / 24% / 14% YoY. Going ahead, we expect the underlying demand environment to improve, led by strength in the economy, continued focus of GoI on infrastructure development and steady fleet operator profitability.

Tractors – strong performance, outlook remains positive: Tractor volumes grew by c.11% YoY in Oct'25 on all-time high base, 15% above our estimates. M&M's domestic tractor sales stood at c.72k units (+12% YoY). The company highlighted 27.4% YoY growth during September and October 2025, led by good monsoon and GST rationalization. Additionally, timely onset of rabi sowing and good progress in kharif harvesting are expected to support the demand momentum for tractor. Escorts Kubota reported domestic tractor sales of c.18.4k units (+3% YoY). The company highlighted that the overall demand outlook remains positive, while extended rains in select states could pose a risk.

Exhibit 1. Passenger vehicles

MSIL	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
Passenger Cars	85,210	77,294	74,090	10%	15%	509,643	497,011	-2%
Utility Vehicles	77,571	70,644	48,695	10%	59%	414,309	394,950	-5%
Vans	13,537	11,653	10,035	16%	35%	80,253	79,803	-1%
Total Domestic PV	176,318	159,591	132,820	10%	33%	1,004,205	971,764	-3%
LCV	4,357	3,539	2,891	23%	51%	19,970	21,324	7%
Total Domestic (PV +LCV)	180,675	163,130	135,711	11%	33%	1,024,175	993,088	-3%
Sales to other OEM (Compact)	8,915	10,136	11,750	-12%	-24%	64,233	67,778	6%
Export	31,304	33,168	42,204	-6%	-26%	181,444	238,763	32%
Total Sales	220,894	206,434	189,665	7%	16%	1,269,852	1,299,629	2%

MM	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
PV	71,624	54,504	56,233	31%	27%	263,652	312,961	19%
LCV	31,741	27,828	26,728	14%	19%	125,967	136,071	8%
3-Wheelers	12,762	9,826	13,017	30%	-2%	40,396	53,323	32%
Domestic Auto	116,127	92,158	95,978	26%	21%	430,015	502,355	17%
Exports Auto	4,015	3,500	4,320	15%	-7%	15,200	20,004	32%
Total Auto	120,142	95,658	100,298	26%	20%	445,215	522,359	17%
Domestic Tractors	72,071	64,326	64,946	12%	11%	227,361	254,461	12%
Exports Tractors	1,589	1,127	1,165	41%	36%	8,685	10,113	16%
Total Tractor	73,660	65,453	66,111	13%	11%	236,046	264,574	12%
MTBD + SML	2,034	1,791	1,904	14%	7%	13,595	14,718	8%

Source: Company, JM Financial

Exhibit 2. Two-wheelers

TVSL	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
2W	525,150	478,159	523,923	10%	0%	2,724,818	3,210,845	18%
Motorcycles	266,715	230,822	249,621	16%	7%	1,306,088	1,560,506	19%
Scooters	238,306	193,439	250,194	23%	-5%	1,102,231	1,344,189	22%
Mopeds	52,516	53,898	55,374	-3%	-5%	316,499	306,150	-3%
3W	18,407	10,856	17,141	70%	7%	79,595	116,824	47%
Total Vols.	543,557	489,015	541,064	11%	0%	2,804,413	3,327,669	19%

HMCL	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
Motorcycles	570,753	635,787	626,217	-10%	-9%	3,492,877	3,373,019	-3%
Scooters	65,055	43,304	61,003	50%	7%	241,054	320,561	33%
Total Vols	635,808	679,091	687,220	-6%	-7%	3,733,931	3,693,580	-1%
Domestic	604,829	657,403	647,582	-8%	-7%	3,598,069	3,486,604	-3%
Exports	30,979	21,688	39,638	43%	-22%	135,862	206,976	52%

BJAUT	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
Two-Wheeler	442,316	414,372	430,853	7%	3%	2,398,497	2,460,094	3%
Domestic	266,470	255,909	273,188	4%	-2%	1,475,207	1,392,390	-6%
Exports	175,846	158,463	157,665	11%	12%	923,290	1,067,704	16%
Three-Wheelers	75,854	65,335	79,651	16%	-5%	404,770	463,433	14%
Domestic	47,678	47,922	52,064	-1%	-8%	295,956	297,359	0%
Exports	28,176	17,413	27,587	62%	2%	108,814	166,074	53%
Total Vols	518,170	479,707	510,504	8%	2%	2,803,267	2,923,527	4%

Royal Enfield	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
Total Vols	124,951	110,574	124,328	13%	1%	564,467	716,854	27%

Source: Company, JM Financial

Exhibit 3. Tractors

Escorts Kubota	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
Domestic	18,423	17,839	17,803	3%	3%	72,016	79,600	11%
Exports	375	271	464	38%	-19%	2,459	3,656	49%
Total Vols	18,798	18,110	18,267	4%	3%	74,475	83,256	12%

Source: Company, JM Financial

Exhibit 4. Commercial vehicles

AL	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
MHCV	10,865	9,408	11,808	15%	-8%	65,473	69,654	6%
LCV	6,955	5,902	7,005	18%	-1%	39,354	41,520	6%
Total	17,820	15,310	18,813	16%	-5%	104,827	111,174	6%

TTMT	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
CV (Dom.)	35,108	32,708	33,148	7%	6%	200,254	201,741	1%
CV (Exp.)	2,422	1,551	2,714	56%	-11%	9,495	16,076	69%
PV	61,295	48,423	60,907	27%	1%	317,858	330,501	4%

EIM - VECV	Oct'25	Oct'24	Sep'25	YoY	MoM	YTD'FY25	YTD'FY26	%YoY
LMD Goods	4,648	3,948	4,224	18%	10%	23,527	26,599	13%
HD Goods	1,954	2,047	2,068	-5%	-6%	12,134	12,424	2%
Passenger Buses	1,169	916	1,060	28%	10%	10,586	11,138	5%
ETB	7,771	6,911	7,352	12%	6%	46,247	50,161	8%
Volvo	279	201	267	39%	4%	1,341	1,402	5%
VECV	8,050	7,112	7,619	13%	6%	47,588	51,563	8%

Source: Company, JM Financial

Exhibit 5. Volume summary

OEM	Oct'25	Oct'24	YoY (%)	Sep'25	MoM (%)	Estimates	vs. estimates (%)
Passenger Vehicles							
MSIL	220,894	206,434	7%	189,665	16%	230,000	-4%
M&M Auto	120,142	95,658	26%	100,298	20%	96,000	25%
Tata Motors- PV	61,295	48,423	27%	60,907	1%	57,500	7%
Hyundai Motor	69,894	70,078	0%	70,347	-1%	69,000	1%
Total	472,225	420,593	12%	421,217	12%	452,500	4%
Two-Wheelers							
BJAUT	518,170	479,707	8%	510,504	2%	500,000	4%
HMCL	635,808	679,091	-6%	687,220	-7%	630,000	1%
TVSL	543,557	489,015	11%	541,064	0%	525,000	4%
EIM - RE	124,951	110,574	13%	124,328	1%	120,000	4%
Total	1,822,486	1,758,387	4%	1,863,116	-2%	1,775,000	3%
Commercial Vehicles							
TaMo - CV	37,530	34,259	10%	35,862	5%	35,000	7%
AL	17,820	15,310	16%	18,813	-5%	16,500	8%
EIM - VECV	8,050	7,112	13%	7,619	6%	8,000	1%
Total	63,400	56,681	12%	62,294	2%	59,500	7%
Tractors							
M&M Tractor	73,660	65,453	13%	66,111	11%	61,200	20%
Escorts Kubota	18,798	18,110	4%	18,267	3%	19,000	-1%
Total	92,458	83,563	11%	84,378	10%	80,200	15%

Source: Company, JM Financial

APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: ashley.johnson@jmfl.com

Grievance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: instcompliance@jmfl.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

New Rating System: Definition of ratings	
Rating	Meaning
BUY	Expected return $\geq$ 15% over the next twelve months.
ADD	Expected return $\geq$ 5% and $<$ 15% over the next twelve months.
REDUCE	Expected return $\geq$ -10% and $<$ 5% over the next twelve months.
SELL	Expected return $<$ -10% over the next twelve months.

Note: For REITs (Real Estate Investment Trust) and InvIT (Infrastructure Investment Trust) total expected returns include dividends or DPU (distribution per unit)

Previous Rating System: Definition of ratings	
Rating	Meaning
BUY	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.
HOLD	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.
SELL	Price expected to move downwards by more than 10% from the current market price over the next twelve months.

* REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions. Please click [here](#) to access our detailed Terms and Conditions, including the Most Important Terms and Conditions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 27th Floor, Office No. 2715, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained herein.