	hank	s	Shading		reen – 1) I	ow (red - 0))	orshader	h in-between					
kina bank			%	52 week high (green = 1), low (red = 0)) or 2 standard deviation move up (5%) 1 standard deviation move up (33%)				These estimates are based upon the last 256					
			%	 standard devia standard devia 				daily moves of					
KFM Daily Market Re	eport		%	2 standard devia	ation move	down (5%)							
		· · ·	52 wk	Mov Day	ement for Week	the period Month	YTD	Q3 2023	02 2023	2022	2021	2020	
Interest Rates		21-Dec-25	WK	Change to today's p		wonth	שוז	Q3 2023	QZ 2023		ZUZ I For interest rates, r		
Central Bank Bills				from closing price	s of prior per	1000					each respective yea		
7 days	C-bill auctions on Thursday;	2.50%		0.00%	0.00%	0.00%	2.50%	-0.23%	2.23%	0.00%	0.00%	0.00%	
14 days 28 days	reported on Friday	2.26% 2.35%		0.00% 0.00%	0.00% 0.00%	0.00%	2.26% 0.39%	0.01% -0.03%	2.25% 0.24%	0.00% 1.96%	0.00% 1.29%	0.00% 1.33%	
63 days		2.65%		0.00%	0.00%	0.00%	0.17%	-0.01%	0.20%	2.48%	1.99%	2.07%	
91 days		2.74%	0.00	0.00%	0.00%	0.00%	0.02%	-0.07%	0.29%	2.72%	1.95%	2.04%	
Treasury Bills 182 days	Tbill auctions are regular Wednesdays	2.00%	0.38	0.00%	0.00%	0.00%	-0.69%	-0.48%	0.10%	2.69%	4.29%	4.41%	
273 days	reported Thursdays	_	0.00	0.00%	0.05%	0.11%	-0.40%	-0.13%	0.25%	2.95%	5.95%	6.04%	
364 days		3.56%		0.00%	0.00%	0.00%	-0.71%	0.10%	0.04%	4.27%	7.04%	7.20%	
Government Inscribed Stoc													
GIS 2Y 2023-25 GIS 3Y 2023-26	GIS auctions usually monthly reported Thursday/Friday	3.93% 4.16%		0.00% 0.00%	0.00% 0.00%	0.00%	-0.27% -4.84%	-0.32% -0.26%	0.05%	4.20% 9.00%	8.50% 9.00%	8.04%	
GIS 4Y 2023-20	reported mursday/mday	4.10%		0.00%	0.00%	0.00%	-4.84%	-0.20%	-0.43%	5.16%	9.84%	9.84%	
GIS 5Y 2022-27		5.24%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.24%	9.70%	9.86%	
GIS 6Y 2023-29		4.99%		0.00%	0.00%	0.00%	4.99%	-0.28%	5.27%	0.00%	0.00%	0.00%	
GIS 7Y 2023-30		5.27%		0.00%	0.00%	0.00%	-0.29%	-0.22%	-0.07%	5.56%	9.80%	10.02%	
GIS 8Y 2023-31 GIS 9Y 2023-32		5.42% 5.56%		0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	-0.02% 0.12%	-0.22% -0.30%	0.20% 0.42%	5.44% 5.44%	0.00% 9.90%	0.00% 11.82%	
GIS 10Y 2023-32		5.74%		0.00%	0.00%	0.00%	0.12%	-0.17%	0.42%	5.44%	9.90%	12.53%	
Kina Facility Rate			1.00	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	3.25%	3.00%	3.00%	
Ten year Government Bond	d yields												
United States			0.35	0.04%	-0.03%	-0.52%	0.01%	0.73%	0.37%	3.87%	1.51%	0.91%	
United Kingdom Australia			0.47	0.00%	-0.26% -0.12%	- 0.73% -0.46%	-0.14% -0.03%	0.05% 0.46%	0.90% 0.73%	3.67% 4.05%	0.97% 1.67%	0.20% 0.97%	
New Zealand			0.31	-0.05%	-0.13%	-0.50%	-0.04%	0.68%	0.43%	4.47%	2.39%	0.99%	
France		_	0.02	-0.01%	-0.17%	-0.71%	-0.64%	0.47%	0.14%	3.12%	0.20%	-0.34%	
Japan			0.47	0.03%	-0.09%	-0.14%	0.16%	0.36%	0.05%	0.42%	0.07%	0.02%	
Australia PNG CPI Index	RBA Cash Rate Latest 12 mth % change	4.35% 1.40%		0.00%	0.00%	0.00%	1.25%	0.00% 0.00%	0.50% 1.70%	3.10% 5.70%	0.10% 4.60%	0.10% 3.10%	
Currencies	Latest 12 min // change	1.4070		Percentage change	s			0.0076	1.7070	5.70%	4.0070	5.10%	
PGK/USD		0.2683	0.00	0.00%	-0.07%	-0.07%	-5.53%	-2.50%	-1.41%	-0.35%	0.00%	-2.90%	
PGK/AUD			0.01	-0.43%	-0.48%	-2.79%	-5.08%	-0.09%	-0.09%	6.67%	6.19%	-11.68%	
PGK/GBP PGK/NZD			0.06	0.14% -0.30%	0.00% -0.28%	-1.03% -3.11%	-9.89% -4.34%	0.45% -1.28%	-3.10% 1.84%	11.60% 7.55%	1.00% 5.78%	-6.57% -9.52%	
PGK/JPY	·		0.46	-0.31%	0.95%	-4.02%	-4.34% 1.99%	0.52%	7.31%	14.75%	11.64%	-7.87%	
USD/AUD			0.53	0.43%	0.39%	2.79%	-0.46%	-2.40%	-1.33%	-6.60%	-5.83%	9.94%	
USD/JPY			0.64	-0.31%	1.02%	-3.95%	7.97%	3.12%	8.85%	15.13%	11.63%	-5.12%	
USD/EUR			0.30	0.21%	0.41%	0.33%	2.79%	-2.56%	-0.32%	-5.83%	-8.00%	9.68%	
USD/GBP Equity Indices		1.2635	0.62	-0.15%	-0.05%	0.98%	4.86%	-2.97%	1.77%	-10.71%	-0.98%	3.90%	
Papua New Guinea				Percentage change	5								
KSi Index		6,330.25	0.99	0.00%	0.06%	0.11%	0.84%	0.44%	0.01%	7.10%	-3.09%	-3.42%	
KSi Home Index		15,615.03	0.48	0.00%	0.00%	0.35%	3.27%	1.79%	-2.88%	5.07%	8.11%	1.50%	
Australia All Ordinaries		7,727.84	0.95	-0.47%	1.69%	6.82%	7.01%	-2.05%	0.38%	-7.17%	13.55%	0.71%	
S&P/ASX 100			0.94	-0.40%	1.73%	6.64%	6.74%	-2.13%	0.50%	-3.95%	13.28%	-2.06%	
S&P/ASX 20			0.97	-0.31%	1.99%	6.75%	7.19%	-1.27%	-0.85%	-1.83%	12.14%	-1.49%	
S&P/ASX 50			0.97	-0.34%	1.86%	6.75%	7.39%	-2.01%	-0.05%	-3.01%	12.37%	-4.86%	
S&P/ASX 50 Accumulati	on	,	0.97	-0.34%	1.86%	6.77% 5.93%	12.09%	-0.56%	0.66%	1.89%	17.00%	-1.94% 14.48%	
S&P/ASX Midcap 50 S&P/ASX Small Ordinari	es.	., .	0.64	-0.79% -0.99%	0.85%	5.93% 7.57%	2.67% 3.18%	-2.92% -2.91%	4.23% -1.02%	-9.00% -20.72%	18.46% 14.24%	14.48% 6.62%	
S&P/ASX 200			0.93	-0.45%	1.71%	6.76%	6.61%	-2.15%	0.36%	-5.45%	13.02%	-1.45%	
S&P/ASX 200 Accumulat	tion		0.96	-0.45%	1.71%	6.80%	10.99%	-0.77%	1.01%	-1.08%	17.23%	1.40%	
S&P/ASX 300			0.90	-0.46%	1.70%	6.74%	6.37%	-2.21%	0.34%	-6.05%	13.38%	-1.10%	
S&P/ASX 200 Energy S&P/ASX 200 Materials			0.33	-0.56% -0.46%	2.22% 2.82%	1.62% 6.98%	-4.27% 9.21%	8.05% -4.51%	3.56% -2.57%	39.71% 4.79%	-1.97% 6.84%	-29.93% 13.37%	
S&P/ASX 200 Industrials	5	.,	0.86	0.41%	2.21%	6.19%	9.94%	-4.51%	3.05%	-6.18%	11.24%	-14.10%	
S&P/ASX 200 Consumer			0.93	-1.15%	1.77%	5.69%	17.09%	4.05%	-1.87%	-22.65%	21.31%	8.63%	
S&P/ASX 200 Consumer	-		0.29	-0.30%	0.64%	5.22%	-2.74%	-7.33%	-0.13%	-7.39%	7.13%	3.57%	
S&P/ASX 200 Healthcar		,	0.69	-0.38%	1.57%	10.08%	0.96%	-9.29%	-3.18%	-8.41%	7.98%	2.97%	
S&P/ASX 200 Financials S&P/ASX 200 Informatic			0.84	-0.35% -1.41%	1.62% -0.85%	6.68% 6.82%	4.84% 27.63%	1.36% -5.90%	1.46% 21.03%	-2.72% -34.25%	20.20% -2.79%	-9.00% 56.35%	
S&P/ASX 200 Telecomm			0.86	-0.11%	1.79%	6.71%	11.46%	-3.30%	1.40%	-13.43%	28.46%	0.91%	
S&P/ASX 200 Utilities		.,	0.32	0.44%	1.88%	0.93%	-1.34%	-3.34%	4.35%	24.19%	4.56%	-21.52%	
S&P/ASX 200 A-REIT		,	0.88	-1.14%	-1.12%	10.13%	10.80%	-3.63%	1.76%	-24.00%	21.61%	-7.99%	
S&P/ASX 200 Financial- North American	x-A-REIT	7,434.60	0.84	-0.35%	1.62%	6.68%	4.84%	1.36%	1.46%	-2.72%	20.20%	-8.99%	
DJIA		37,404.35	0.97	0.87%	0.42%	6.04%	12.84%	-2.62%	3.41%	-8.78%	18.73%	7.25%	
S&P 500			0.98	1.03%	0.58%	4.17%	23.63%	-3.65%	8.30%	-19.44%	26.89%	16.26%	
NASDAQ		,	0.99	1.26%	1.37%	4.89%	42.97%	-4.12%	12.81%	-33.10%	21.39%	43.64%	
Toronto S&P/TSX		20,765.73	0.96	0.80%	-0.06%	3.23%	7.12%	-3.05%	0.28%	-8.66%	21.74%	2.17%	
Europe FTSE		7,694.73	0.58	-0.27%	0.60%	2.82%	3.26%	1.02%	-1.31%	0.91%	14.30%	-14.34%	
DAX			0.96	-0.27%	-0.39%	4.33%	19.85%	-4.71%	3.32%	-12.35%	15.79%	3.55%	
CAC 40			0.98	-0.16%	-0.06%	4.03%	16.96%	-3.58%	1.06%	-9.50%	28.85%	-7.14%	
Asia			0.07		4 95-1	o oc - · ///			40.5				
Nikkei Hang Seng			0.92	-1.59% 0.04%	1.39% 1.33%	-0.93%	27.00% -15.98%	-4.01% -5.85%	18.36% -7.27%	-9.37% -15.46%	4.91% -14.08%	16.01% -3.40%	
Hang Seng Shanghai			0.06	0.04%	-1.36%	-7.20%	-15.98% -5.52%	-5.85% -2.86%	-7.27%	-15.46%	-14.08% 4.80%	-3.40% 13.87%	
Sensex			0.96	0.51%	0.50%	7.34%	16.48%	1.71%	9.71%		21.99%	15.75%	

Disdaimer: This report was prepared as a private communication to clients and was not intended for public circulation or publication orfor the use of any third party, without the approval of Kna Funds Management Ltd ("KFM"). While this report is based on information from sources, which KFM consider reliable, its accuracy and completeness cannot be guaranteed. KFM, its directors and employees do not accept any liability for the result of any actions taken on the basis of without consideration of any specific client's investment objectives, financial situation or needs. Those acting upon such information without first consulting KFM do so at their own risk. It is recommended that any persons who wish to ad upon this report consult with KFM before doing so.

KFM Daily Market Report			Shading Key: 52 week high (green = 1), low (red = 0)) or shaded in-between									
			% % %	2 standard dev 1 standard dev 1 standard dev	l upon the last ment	256	22-Dec-23					
			%	2 standard dev	"							
		21-Dec-23	52 wk	Movement for Day	the period Week	Month	YTD	Q3 2023	Q2 2023	2022	2021	2020
Indices												
MSCI World USD Index		3,145.09	0.99	0.75%	0.52%	4.67%	20.84%	-3.83%	6.28%	-19.46%	20.14%	14.06%
MSCI World Net TR USD Index		9,807.14	0.99	0.75%	1.45%	4.77%	22.81%	-3.46%	6.83%	-18.14%	21.82%	15.90%
MSCI ACWI-ex-Australia TR AUD Index		16,336.03	0.92	-0.60% 0.68%	-1.66% 1.57%	0.78%	22.96% 21.01%	-0.43% -3.40%	7.63% 6.18%	-12.52% -18.36%	29.58% 18.54%	5.73% 16.25%
MSCI ACWI Net TR OSD Index MSCI ACWI Minimum Volatility USD	MSCI ACWI Net TR USD Index 384.32 MSCI ACWI Minimum Volatility USD 2,187.17		0.85	0.53%	-0.44%	1.68%	3.31%	-3.40%	1.57%	-12.04%	11.95%	0.56%
MSCI EM Asia Net TR USD Index 593.09		0.56	-0.03%	2.10%	0.59%	4.66%		-0.77%	-21.11%	-5.08%	28.38%	
MSCI EM Net TR USD Index			0.69	0.09%	2.64%	1.63%	7.01%	-2.93%	0.90%	-20.09%	-2.54%	18.31%
VIX Volatility S&P500		13.65	0.11	-0.15%	9.38%	6.64%	-37.01%	28.92%	-27.33%	25.84%	-24.31%	65.09%
Commodities Light Crude WTI Futures US\$/bbl		73.89	0.27	-0.44%	3.23%	-3.22%	-7.94%	20 5 20/	-6.65%	6 110/	55.89%	-20.54%
Brent Crude W174tures 033/bbl		79.39	0.31	-0.39%	3.63%	-2.49%	-7.59%		-6.11%	6.11% 9.89%	50.93%	-20.34%
Gold US\$/oz		2,051.30	0.86	0.18%	0.31%	1.85%	12.33%		-2.86%	-0.31%	-3.34%	24.42%
Silver US\$/oz		24.59	0.73	-0.19%	0.82%	1.99%	2.27%	-2.48%	-4.70%	2.67%	-11.35%	47.38%
Copper US\$/lb		3.92	0.51	0.29%	0.64%	2.57%	2.81%	-0.59%	-8.18%	-14.77%	27.05%	25.81%
Iron Ore US\$/mt		125.25	0.92	0.00%	-2.00%	-1.38%	15.30%	5.96%	-10.21%	-3.57%	-27.05%	81.97%
Malaysian Palm Oil* RM/tn LNG *Jap/Korea US\$/mmBtu		3,674 11.94	0.39	-1.21% 1.06%	2.03%	-4.02% -27.62%	-11.92% -59.56%	-1.65% 19.53%	-7.57% -9.43%	-19.15% -3.21%	32.59% 113.25%	27.95% 169.81%
ICCO Cocoa US\$/milibiti		4,288	0.90	-0.49%	0.49%	2.76%	64.92%	3.01%	-9.43%	-3.21%	-3.19%	2.48%
ICO Coffee US cents/lb		194	0.76	1.57%	-3.25%	8.37%	15.72%		-5.57%	-26.01%	76.30%	-1.12%
Equities				Percentage chang								
Domestic PGK	Arbitrage	PNGX										
Bank South Pacific	13.58	13.70	0.96	0.00%	-0.07%	0.29%	10.39%	4.36%	0.39%	1.31%	2.08%	1.87%
Credit Corporation		2.01 0.79	0.64	0.00%	0.00%	0.50% 0.00%	8.65%	2.50%	0.00%	10.12%	-1.18%	6.25%
City Pharmacy Kina Asset Management Limited		0.79	0.56	0.00% 0.00%	0.00% 0.00%	0.00%	-12.22% -5.26%	-1.25% 5.88%	-15.79% 6.25%	-5.26% -4.04%	90.00% 10.00%	-38.27% -5.26%
Kina Securities Limited	1.99	2.46	0.38	0.00%	-1.60%	0.41%	-10.55%		-4.00%	-6.78%	-1.67%	-10.98%
Steamship Trading Company	31.43	35.46		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%
Santos Limited	19.11	19.27	1.00	0.00%	0.16%	0.21%		0.52%	0.05%			
Australia												
A2 Milk Company Limited		4.26	0.15	1.43%	4.67%	8.67%	-38.08%	-13.29%	-15.83%	26.01%	-52.31%	-19.93%
ANZ Banking Group Limited BSP Financial Group		25.83 5.40	0.64	0.08% 0.37%	2.34% 1.69%	6.25% 1.89%	8.58% 10.20%		3.40% -0.41%	-13.52% 14.75%	21.19% -17.88%	-7.84%
BHP Billiton Limited		49.74	0.97	-0.12%	3.09%	5.49%	9.01%		-4.74%	9.95%	-17.88%	9.02%
Boral Limited		5.19	0.98	-1.14%	2.77%	5.27%	79.58%	10.42%	14.49%	-52.62%	23.23%	10.49%
		0.36	0.31	-4.05%	-2.74%	-7.79%	1.43%	-23.75%	21.21%	14.75%	5.17%	-10.77%
Bank of Queensland		5.98	0.41	-0.83%	0.50%	8.14%	-13.33%		-15.41%	-14.71%	4.52%	6.76%
Brambles Limited		13.54	0.55	1.04%	3.68%	3.36%	12.18%		7.30%	13.55%	0.28%	-9.56%
Commonwealth Bank of Australia CSL		110.56 282.51	0.96	-0.37% -0.54%	0.95% 2.08%	7.38% 9.53%	7.76% -1.82%	-0.30% -9.58%	1.98% -3.79%	1.58% -1.02%	23.01% 2.66%	2.77% 2.69%
Fortescue Mining		282.51	0.99	-0.54%	2.08%	9.53%	36.67%	-9.58%	-3.79%	-1.02%	-18.01%	2.69%
Horizon Oil Ltd		0.16	0.55	0.00%	0.00%	-3.13%	19.23%		-17.65%	41.30%	48.39%	-48.33%
Kina Securities Ltd		0.79	0.63	0.64%	2.60%	2.60%	1.94%		-0.67%	-9.36%	-5.00%	-39.60%
Kina Petroleum Ltd		0.06		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%
Macquarie Group Ltd		181.37	0.62	-0.90%	1.62%	9.30%	8.63%		1.12%	-18.71%	48.32%	0.46%
Mirvac Group		2.06	0.39	- 3.74% -0.23%	-3.74%	4.83%	-3.29%		8.65% -4.87%	-26.80% 4.23%	10.23%	-16.98%
National Australia Bank Origin Energy Ltd		30.48 8.40		-0.23%	1.77% 5.13%	8.90% 0.84%	1.40% 8.81%	10.24% 4.40%	-4.87%	4.23%	27.61% 10.08%	-8.24% -43.67%
Pilbara Minerals Ltd		3.72		-3.38%	-1.85%	2.76%	-0.80%		24.11%	17.19%	267.82%	210.71%
Qbe Insurance Group Ltd		14.71	0.56	0.20%	4.55%	-3.41%	9.53%		7.40%	18.33%	33.06%	-33.77%
Rio Tinto Limited		134.40	1.00	0.02%	3.35%	6.25%	15.45%		-4.54%	16.28%	-12.05%	13.38%
ResMed Inc		25.99	0.31	0.66%	0.58%	11.21%	-16.05%	-28.07%	1.30%	-13.47%	31.40%	24.34%
Santos Limited		7.60	0.66	-0.13%	1.20%	8.57%	6.44%		8.99%	13.15%	0.64%	-23.35%
Steamship Trading Company Suncorp Metway Limited		12.50 13.83	0.88	0.00% -0.22%	0.00% 1.62%	1.63% 0.66%	19.05% 14.87%		26.79% 11.40%	5.00% 8.76%	1.52% 13.66%	-21.20% -24.85%
Transurban Group		13.96	0.64	0.87%	3.33%	8.64%	7.55%		0.28%	-6.08%	1.17%	-24.85%
Telstra Corporation Limited.		3.97	0.32	0.25%	1.53%	4.47%	-0.50%		1.90%	-4.55%	40.27%	-15.82%
Treasury Wine Estates Limited		10.86	0.12	0.46%	3.04%	2.65%	-20.21%		-14.08%	9.94%	31.70%	-42.12%
Westpac Banking Corporation		22.85	0.71	-0.13%	2.51%	7.23%	-2.14%		-1.48%	9.37%	10.22%	-20.06%
Worley Limited		17.55	0.97	0.86%	4.28%	2.33%	17.00%		9.58%	41.11%	-7.48%	-24.95%
Woolworths Limited		36.67	0.50	-0.35%	0.14%	7.00%	9.27%	-6.07%	4.83%	-11.71%	-3.31%	8.71%
International iShare MSCI All Asia ex Japan	USD \$	65.33	0.35	2.15%	-1.46%	-0.66%	0.79%	-4.42%	-2.09%	-21.64%	-7.74%	22.19%
Blackrock Int Equity Fund*	AUD \$	21.94	0.35	-1.14%	-2.19%	0.25%	16.23%		8.30%	-21.04%	24.76%	-0.61%
Blackrock Australian Equity Fund*	AUD \$	1.84	1.00	0.66%	3.89%	6.61%	6.67%		1.21%	-11.03%	11.82%	-2.28%
Vanguard International Share*	AUD \$	3.04	0.87	-1.15%	-2.20%	0.25%	17.01%		6.89%	-16.11%	23.54%	-0.10%
Vanguard FTSE World exUS	USD \$	55.49	0.86	1.69%	-0.95%	2.68%	10.67%	-4.67%	1.76%	-18.18%	5.00%	8.58%
Vanguard FTSE Europe	USD \$	64.06	0.99	1.49%	-0.20%	4.98%	15.55%	-6.11%	1.23%	-18.76%	13.28%	2.80%
iShares Core MSCI Europe	USD \$	54.64	0.95	1.47%	-0.56%	4.67%	15.03%		0.48%	-18.33%	13.42%	2.83%
iShares Asia 50 iShares MSCI Japan	USD \$ USD \$	56.87 63.13	0.23	2.08% 1.74%	-1.06% -0.93%	-2.92% 1.02%	0.23% 15.96%		-3.72% 5.47%	-25.89% -18.70%	-12.17% -0.89%	32.08% 14.04%
Acadian Global Managed Volatitlity Equity F		1.56	0.32	-0.71%	- 4.05%	-2.43%	0.91%		4.62%	-18.70%	10.44%	-11.46%
Lazard Global Managed Volatility Fund - Au		0.99	0.00	0.00%	0.00%	0.00%	-3.21%		-5.01%	-13.72%	19.66%	-22.67%
Robeco Emerging Conservative Equity Func	l - Australia	1.44	0.68	-0.83%	-1.38%	-0.88%	9.23%	-1.76%	4.46%	-10.12%	13.49%	-15.41%
								l				

Together it's possible

Disclaimer: This report was prepared as a private communication to clients and was not intended for public circulation or publication or for the use of any third party, without the approval of Kina Funds Management Ltd ("KFM"). While this report is based on information from sources, which KFM consider reliable, its acuracy and completeness cannot be guranteed. KFM, its directors and employees do not accept any liability for the result of any actions taken on the basis of without consideration of any specific client's investment bigetives, financial situation or needs. Those acting upon such information without first consulting KFM do so at their own risk. It is recommended that any persons who wish to at upon this report consult with KFM before doing so.