World Bank	Commodition	Drice Forecast	(nominal US dollars)
world Bank	Commodities	Price Forecast	(nominal 05 dollars)

Groundrud oil S/mt 821 623 700 720 732 745 758 771 875 758 758 626 826 800 800 800 800 800 800 800 800 800 80	World Bank Comm	odities P	Price F	orecasi	(nom	ınaı US	dollar	S)		Гана	Released: October 26, 2017					
Emergy	0	11.2	0044	0045	0040	0047	0040	0040	0000			0000	0004	0005	0000	
Cool Australas   Mirt   70.1   57.5   65.9   85.0   70.0   60.0   55.0   55.5   56.0   56.5   56.0   63.8   75.4   Cutado cil viny   Shapi   96.2   50.8   42.8   53.0   50.0   50.0   50.0   00.0   00.0   61.9   62.6   63.8   63.8   Natural gas Europe   Shimblu   10.1   73   4.8   8.5   8.7   8.2   60.0   62.0   64.4   63.5   63.9   Natural gas Europe   Shimblu   10.0   10.2   6.8   8.2   8.3   8.5   8.5   8.6   6.2   6.4   6.5   6.9   Natural gas Europe   Shimblu   10.0   10.2   6.8   8.2   8.3   8.5   8.5   8.6   8.7   8.8   8.0   9.0   9.0   9.1   Non Energy Commodities   Shimblu   20.0   10.2   6.8   8.2   8.3   8.5   8.5   8.5   8.5   8.5   8.5   8.5   8.5   Non Energy Commodities   Shimblu   20.0   10.2   8.8   8.2   8.3   8.5   8.5   8.5   8.5   8.5   8.5   8.5   8.5   8.5   8.5   Non Energy Commodities   Shimblu   20.0   20.1   20.0   20.1   20.0   20.1   20.0   20		Unit	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	
Cade al, any g Shebl 96.2 50.8 42.8 53.0 56.0 59.0 60.0 69.9 61.9 62.8 63.8 64.8 Mixtural gas, Europe Simmbut 4.4 2.6 2.5 3.0 53.1 3.2 3.4 3.5 3.7 3.8 3.9 4.1 Shatural gas, US S mirribu 4.4 2.6 2.5 3.0 53.1 3.2 3.4 3.5 3.7 3.8 3.9 4.1 Shatural gas, US S mirribu 4.4 2.6 2.5 3.0 53.1 3.2 3.4 3.5 3.7 3.8 3.9 4.1 Shatural gas, US S mirribu 4.4 2.6 2.5 3.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2		C/+	70.4	F7 F	05.0	05.0	70.0	CO 0	<b>FF</b> 0		50.0	FC F	FC 0	F7.4	00.0	
Natural gas, Europe   Simmhtu   10.1   7.3   4.6   5.5   5.7   5.8   6.0   6.2   6.4   6.5   6.7   6.9     Natural gas LNG, Japan   Simmbtu   16.0   10.2   6.0   8.2   8.2   8.3   8.5   8.6   8.7   8.9   9.0   9.1   9.3     Natural gas LNG, Japan   Simmbtu   16.0   10.2   6.0   8.2   8.2   8.3   8.5   8.6   8.7   8.9   9.0   9.1   9.3     Natural gas LNG, Japan   Simmbtu   16.0   10.2   6.0   8.2   8.2   8.3   8.5   8.6   8.7   8.9   9.0   9.1   9.3     Natural gas LNG, Japan   Simmbtu   16.0   10.2   6.0   8.2															60.0	
Natural gias U.S.   Simmbu   1.4   2.6   2.5   3.0   3.1   3.2   3.4   3.5   3.7   3.8   3.9   4.1   Non-Energy Commodities   Agriculture   Beverages															70.0	
Non Energy Commodities  Non En															8.0	
Non-Energy Commodities   Agriculture   Severages   Skg   3.06   3.14   2.89   2.05   2.11   2.17   2.24   2.30   2.37   2.44   2.52   2.59   2.50															5.0	
Agriculture   Reverages   Cooperage   Skip   3.06   3.14   2.88   2.05   2.11   2.17   2.24   2.30   2.37   2.44   2.52   2.59   2.00	ivalurar gas Livo, Japan	φ/IIIIIblu	16.0	10.2	0.9	0.2	0.3	0.0	0.0	0.7	0.9	9.0	9.1	9.3	10.0	
Coccos	Agriculture															
Coffee Arabica		Ф/I	2.00	0.44	0.00	0.05	0.44	0.47	0.04	0.00	0.07	0.44	0.50	0.50	2.00	
Coffee Robusta   Skg   2.72   2.19   4.195   2.25   2.23   2.21   2.19   2.17   2.15   2.13   2.11   2.09															3.00	
Food   Food   Colorary   Food   Food   Colorary   Food   Fo															3.40	
Food   Oils and Meals   Coconat of   S/mt   1,280   1,110   1,475   1,610   1,593   1,576   1,559   1,542   1,526   1,509   1,493   1,477   Groundrut of   S/mt   1,313   1,317   1,502   1,500   1,515   1,529   1,544   1,559   1,574   1,589   1,605   1,620   Palm of   S/mt   S21   322   700   720   732   732   745   7788   771   778   778   771   778   771   778   771   778   771   778   771   778   771   778   771   778   771   778   771   778   771   778   778   771   778   778   771   778   778   771   778   778   771   778															2.00	
Disart Meals   Coconatio   S/mt	rea, auctions (3), average	э ф/ку	2.12	2.71	2.04	3.10	3.09	3.00	3.00	3.07	3.06	3.05	3.05	3.04	3.00	
Groundust oil S/mt 1,313 1,337 1,502 1,500 1,515 1,529 1,544 1,559 1,574 1,589 1,605 1,620   Palm oil S/mt 821 623 700 720 732 745 758 771 875 758 798 812 826   Soybean mel S/mt 909 757 809 850 861 872 882 894 940 950 96 96 96 989 939   Soybeans S/mt 492 390 406 400 409 418 427 436 446 455 465 465 476    Grains																
Palm oil	Coconut oil	\$/mt	1,280	1,110	1,475	1,610	1,593	1,576	1,559	1,542	1,526	1,509	1,493	1,477	1,400	
Soybean maal   S/mt   528   395   380   355   362   388   375   382   389   396   403   411   Soybean oil S/mt   499   757   809   850   861   872   882   884   905   916   288   939   Soybeans   S/mt   492   390   406   400   409   418   427   436   446   455   465   476	Groundnut oil	\$/mt	1,313	1,337	1,502	1,500	1,515	1,529	1,544	1,559	1,574	1,589	1,605	1,620	1,700	
Soybean oil   S/mt   909   757   809   850   861   872   882   894   905   916   928   939   939   Soybean   S/mt   492   390   406   400   409   418   427   436   446   455   465   476   47	Palm oil	\$/mt	821	623	700	720	732	745	758	771	785	798	812	826	900	
Soybeans	Soybean meal	\$/mt						368			389	396			450	
Barley   S/mt   138   194   159   140   144   148   152   156   161   165   170   174   Maize   S/mt   193   170   159   155   159   162   166   170   174   178   183   187   Rice, Thailand, 5%   S/mt   423   386   396   400   403   406   409   412   415   418   421   424   424   Wheat, US, HRW   S/mt   285   204   167   175   179   184   188   193   193   202   207   213   208   208   207   213   208   208   208   207   213   208	Soybean oil	\$/mt	909	757	809	850	861	872	882	894	905	916	928	939	1,000	
Barley   S/mt   138   194   159   140   144   148   152   156   161   165   170   174   Maize   S/mt   193   170   159   155   159   1612   166   170   174   178   183   187   Rice, Thailand, 5%   S/mt   423   386   396   400   403   406   409   412   415   418   421   424   424   Wheat, US, HRW   S/mt   285   204   167   175   179   184   188   193   198   202   207   213   207	Soybeans	\$/mt	492	390	406	400	409	418	427	436	446	455	465	476	530	
Barley   S/mt   138   194   159   140   144   148   152   156   161   165   170   174   Maize   S/mt   193   170   159   155   159   1612   166   170   174   178   183   187   Rice, Thailand, 5%   S/mt   423   386   396   400   403   406   409   412   415   418   421   424   424   Wheat, US, HRW   S/mt   285   204   167   175   179   184   188   193   198   202   207   213   207	Grains															
Rice, Thailand, 5%   S/mt   423   386   396   400   403   406   409   412   415   418   421   424   Wheat, US, HRW   S/mt   285   204   167   175   179   184   188   193   198   202   207   213   213   215   216		\$/mt	138	194	159	140	144	148	152	156	161	165	170	174	200	
Wheat, US, HRW   Simt   285   204   167   175   179   184   188   193   198   202   207   213	Maize	\$/mt	193	170	159	155	159	162	166	170	174	178	183	187	210	
Wheat, US, HRW   Simt   285   204   167   175   179   184   188   193   198   202   207   213	Rice, Thailand, 5%	\$/mt	423	386	396	400	403	406	409	412	415	418	421	424	440	
Bananas, US				204	167	175	179	184		193	198			213	240	
Meat_chicken   Skg   4.95   4.42   3.93   4.20   4.19   4.18   4.18   4.18   4.17   4.16   4.15   4.15   4.14	Other Food															
Meat, chicken	Bananas, US	\$/kg	0.93	0.96	1.00	1.07	1.07	1.07	1.08	1.08	1.08	1.08	1.09	1.09	1.10	
Coranges   Sirkg   0.78   0.68   0.89   0.80   0.81   0.83   0.84   0.86   0.87   0.89   0.90   0.92	Meat, beef	\$/kg	4.95	4.42	3.93	4.20	4.19	4.18	4.18	4.17	4.16	4.15	4.15	4.14	4.10	
Shrimp, Mexico   S/kg   17.25   14.36   11.20   12.00   12.14   12.29   12.43   12.58   12.73   12.88   13.04   13.19	Meat, chicken	\$/kg	2.43	2.53	2.46	2.50	2.48	2.47	2.45	2.44	2.42	2.41	2.39	2.37	2.30	
Raw Materials   Timber   Logs, Cameroon   S/cum   465   389   387   395   399   403   407   411   415   419   424   428   Logs, Malaysia   S/cum   282   246   274   270   275   280   285   290   295   300   306   311   3	Oranges	\$/kg	0.78	0.68	0.89	0.80	0.81	0.83	0.84	0.86	0.87	0.89	0.90	0.92	1.00	
Raw Materials   Timber   Logs, Cameroon   \$\( \cup \) \$\( \cup \) \$\( \subset \) \$\( \sup \) \$\( \su	Shrimp, Mexico	\$/kg	17.25	14.36	11.20	12.00	12.14	12.29	12.43	12.58	12.73	12.88	13.04	13.19	14.00	
Timber   Logs, Cameroon   \$/cum   465   389   387   395   399   403   407   411   415   419   424   428	Sugar, World	\$/kg	0.37	0.30	0.40	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37	0.38	
Logs, Cameroon   S/cum   465   389   387   395   399   403   407   411   415   419   424   428   428   429, Malaysia   S/cum   282   246   274   270   275   280   285   290   295   300   306   311   311   311   311   311   311   311   311   311   311   311   312   311   311   312																
Logs, Malaysia   S/cum   282   246   274   270   275   280   285   290   295   300   306   311   Sawnwood, Malaysia   S/cum   898   833   739   700   719   739   760   781   803   825   848   872																
Cotton A Index															450	
Other Raw Materials           Cotton A Index         \$/kg         1.83         1.55         1.64         1.85         1.87         1.90         1.93         1.95         1.98         2.00         2.03         2.06           Rubber, Malaysian         \$/kg         1.95         1.57         1.61         2.05         2.08         2.10         2.13         2.15         2.18         2.20         2.23         2.26           Tobacco         \$/mt         4,991         4,998         4,866         4,850         4,822         4,794         4,767         4,740         4,712         4,685         4,652         4,632           Fertilizers           DAP         \$/mt         472         459         345         347         345         353         361         369         377         385         394         403           Phosphate rock         \$/mt         110         117         112         91         90         92         95         98         100         103         106         109           Potassium chloride         \$/mt         297         303         246         216         215         222         230         237         245															340	
Cotton A Index Ruber, Malaysian Skg 1.83 1.55 1.64 1.85 1.87 1.90 1.93 1.95 1.98 2.00 2.03 2.06 Rubber, Malaysian Skg 1.95 1.57 1.61 2.05 2.08 2.10 2.13 2.15 2.18 2.20 2.23 2.26 Tobacco S/mt 4.991 4.908 4.806 4.850 4.822 4.794 4.767 4.740 4.712 4.685 4.658 4.632    Fertilizers  DAP S/mt 472 459 345 347 345 353 361 369 377 385 394 403 Phosphate rock S/mt 110 117 112 91 90 92 95 98 100 103 106 109 Potassium chloride S/mt 297 303 246 216 215 222 230 237 245 254 262 271 TSP S/mt 388 385 291 277 280 287 295 302 310 318 326 335 Urea, E. Europe, bulk S/mt 316 273 199 216 215 221 227 234 240 247 254 261    Metals and Minerals  Aluminum S/mt 1.867 1.665 1.604 1.950 1.968 1.987 2.005 2.024 2.043 2.062 2.081 2.100 Copper S/mt 6.863 5.510 4.868 6.050 6.118 6.187 6.257 6.328 6.399 6.471 6.544 6.618 Iron ore S/mt 2.095 1.788 1.867 2.300 2.500 2.483 2.465 2.448 2.431 2.415 2.398 2.381 Nickel S/mt 21.893 11.863 9.595 10.100 10.559 11.039 11.541 12.065 12.614 13.187 13.786 14.413 1 Tin S/mt 21.899 16.067 17.934 20.225 20.426 20.629 20.834 21.041 21.250 21.462 21.675 21.890 2 Precious Metals Gold S/toz 1.266 1.161 1.932 2.090 2.900 3.000 2.945 2.890 2.837 2.785 2.734 2.683 2.634    Precious Metals Gold S/toz 1.266 1.161 1.249 1.250 1.238 1.226 1.214 1.202 1.190 1.178 1.167 1.155 Silver S/toz 19.1 15.7 17.1 17.0 16.9 16.8 16.8 16.8 16.7 16.6 16.5 16.5 16.5 16.5	Sawnwood, Malaysia	\$/cum	898	833	739	700	719	739	760	781	803	825	848	872	1000	
Rubber, Malaysian S/kg 1.95 1.57 1.61 2.05 2.08 2.10 2.13 2.15 2.18 2.20 2.23 2.26 Tobacco \$\frac{1}{9}\text{/mt}\$ 4,991 4,998 4,806 4,850 4,822 4,794 4,767 4,740 4,712 4,685 4,658 4,632 \$\frac{1}{9}\text{Precious Metals}\$    Rubber, Malaysian S/kg 1.95 1,266 1,161 1,249 1,250 1,288 1,226 1,214 1,202 1,190 1,178 1,167 1,155 Silver \$\frac{1}{9}\text{/mt}\$ 2.20 2.23 2.26 2.28 2.20 2.23 2.26 2.28 2.20 2.23 2.26 2.28 2.20 2.28 2.20 2.28 2.20 2.28 2.20 2.28 2.20 2.28 2.20 2.28 2.29 2.20 2.28 2.29 2.29 2.20 2.28 2.29 2.29 2.20 2.29 2.29 2.29 2.29 2.29	Other Raw Materials															
Pertilizers															2.20	
Fertilizers   DAP   \$/mt   472   459   345   347   345   353   361   369   377   385   394   403   Phosphate rock   \$/mt   110   117   112   91   90   92   95   98   100   103   106   109   Potassium chloride   \$/mt   297   303   246   216   215   222   230   237   245   254   262   271   TSP   \$/mt   388   385   291   277   280   287   295   302   310   318   326   335   Urea, E. Europe, bulk   \$/mt   316   273   199   216   215   221   227   234   240   247   254   261															2.40	
DAP	Tobacco	\$/mt	4,991	4,908	4,806	4,850	4,822	4,794	4,767	4,740	4,712	4,685	4,658	4,632	4,500	
Phosphate rock \$/mt 110 117 112 91 90 92 95 98 100 103 106 109 Potassium chloride \$/mt 297 303 246 216 215 222 230 237 245 254 262 271 TSP \$/mt 388 385 291 277 280 287 295 302 310 318 326 335 Urea, E. Europe, bulk \$/mt 316 273 199 216 215 221 227 234 240 247 254 261  **Metals and Minerals** Aluminum \$/mt 1,867 1,665 1,604 1,950 1,968 1,987 2,005 2,024 2,043 2,062 2,081 2,100 Copper \$/mt 6,863 5,510 4,868 6,050 6,118 6,187 6,257 6,328 6,399 6,471 6,544 6,618 Iron ore \$/dmt 97.0 55.9 58.4 70.0 57.0 50.0 50.8 51.7 52.5 53.4 54.3 55.2 Lead \$/mt 2,095 1,788 1,867 2,300 2,500 2,483 2,465 2,448 2,431 2,415 2,398 2,381 Nickel \$/mt 16,893 11,863 9,595 10,100 10,559 11,039 11,541 12,065 12,614 13,187 13,786 14,413 1 Tin \$/mt 21,899 16,067 17,934 20,225 20,426 20,629 20,834 21,041 21,250 21,462 21,675 21,890 2 Zinc \$/mt 2,161 1,932 2,090 2,900 3,000 2,945 2,890 2,837 2,785 2,734 2,683 2,634  **Precious Metals** Gold \$/toz 1,266 1,161 1,249 1,250 1,238 1,226 1,214 1,202 1,190 1,178 1,167 1,155 Silver \$/toz 19.1 15.7 17.1 17.0 16.9 16.8 16.8 16.8 16.7 16.6 16.5 16.5 16.5	Fertilizers															
Potassium chloride	DAP	\$/mt	472	459	345	347	345	353	361	369	377	385	394	403	450	
TSP \$\frac{\text{\$\mathcal{M}}}{\text{\$\mathcal{M}}}\$ \$\frac{\text{\$\mathcal{M}}}}{\text{\$\mathcal{M}}\$ \$\frac{\text{\$\mathcal{M}}}{\$\mathca	Phosphate rock	\$/mt	110	117	112	91	90	92	95	98	100	103	106	109	125	
Metals and Minerals         Aluminum         \$/mt         1,867         1,665         1,604         1,950         1,968         1,987         2,005         2,024         2,043         2,062         2,081         2,100           Copper         \$/mt         6,863         5,510         4,868         6,050         6,118         6,187         6,257         6,328         6,399         6,471         6,544         6,618           Iron ore         \$/dmt         97.0         55.9         58.4         70.0         57.0         50.0         50.8         51.7         52.5         53.4         54.3         55.2           Lead         \$/mt         2,095         1,788         1,867         2,300         2,500         2,483         2,465         2,448         2,431         2,415         2,398         2,381           Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,265         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,428         2,083         2,785         2,734         2,683         2,634	Potassium chloride	\$/mt	297	303	246	216	215	222	230	237	245	254	262	271	320	
Metals and Minerals           Aluminum         \$/mt         1,867         1,665         1,604         1,950         1,968         1,987         2,005         2,024         2,043         2,062         2,081         2,100           Copper         \$/mt         6,863         5,510         4,868         6,050         6,118         6,187         6,257         6,328         6,399         6,471         6,544         6,618           Iron ore         \$/dmt         97.0         55.9         58.4         70.0         57.0         50.0         50.8         51.7         52.5         53.4         54.3         55.2           Lead         \$/mt         2,095         1,788         1,867         2,300         2,500         2,483         2,485         2,431         2,415         2,398         2,381           Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,541         12,065         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,429         2,0834         2,1041         21,255         2,735	TSP	\$/mt	388	385	291	277	280	287	295	302	310	318	326	335	380	
Aluminum         \$/mt         1,867         1,665         1,604         1,950         1,968         1,987         2,005         2,024         2,043         2,062         2,081         2,100           Copper         \$/mt         6,863         5,510         4,868         6,050         6,118         6,187         6,257         6,328         6,399         6,471         6,544         6,618           Iron ore         \$/dmt         97.0         55.9         58.4         70.0         57.0         50.0         50.8         51.7         52.5         53.4         54.3         55.2           Lead         \$/mt         2,095         1,788         1,867         2,300         2,500         2,483         2,465         2,448         2,431         2,415         2,398         2,381           Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,541         12,065         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,426         20,629         20,834         21,041         21,250         21,462         21,675	Urea, E. Europe, bulk	\$/mt	316	273	199	216	215	221	227	234	240	247	254	261	300	
Copper         \$/mt         6,863         5,510         4,868         6,050         6,118         6,187         6,257         6,328         6,399         6,471         6,544         6,618           Iron ore         \$/dmt         97.0         55.9         58.4         70.0         57.0         50.0         50.8         51.7         52.5         53.4         54.3         55.2           Lead         \$/mt         2,095         1,788         1,867         2,300         2,483         2,465         2,448         2,415         2,398         2,381           Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,031         11,250         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,426         20,629         20,834         21,041         21,250         21,462         21,675         21,890         2           Zinc         \$/mt         2,161         1,932         2,090         2,900         3,000         2,945         2,890         2,837         2,785         2,734         2,683         2,634	Metals and Minerals															
Iron ore	Aluminum	\$/mt	1,867	1,665	1,604	1,950	1,968	1,987	2,005	2,024	2,043	2,062	2,081	2,100	2,200	
Lead         \$/mt         2,095         1,788         1,867         2,300         2,500         2,483         2,465         2,448         2,431         2,415         2,398         2,381           Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,541         12,065         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,426         20,629         20,834         21,041         21,250         21,462         21,675         21,890         2           Zinc         \$/mt         2,161         1,932         2,090         2,900         3,000         2,945         2,890         2,837         2,785         2,734         2,683         2,634           Precious Metals           Gold         \$/toz         1,266         1,161         1,249         1,250         1,238         1,226         1,214         1,202         1,190         1,178         1,167         1,155           Silver         \$/toz         19.1         15.7         17.1         17.0         16.9         16.8         16.8	Copper	\$/mt	6,863	5,510	4,868	6,050	6,118	6,187	6,257	6,328	6,399	6,471	6,544	6,618	7,000	
Nickel         \$/mt         16,893         11,863         9,595         10,100         10,559         11,039         11,541         12,065         12,614         13,187         13,786         14,413         1           Tin         \$/mt         21,899         16,067         17,934         20,225         20,426         20,629         20,834         21,041         21,250         21,462         21,675         21,890         2           Zinc         \$/mt         2,161         1,932         2,090         2,900         3,000         2,945         2,890         2,837         2,785         2,734         2,683         2,634           Precious Metals           Gold         \$/toz         1,266         1,161         1,249         1,250         1,238         1,226         1,214         1,202         1,190         1,178         1,167         1,155           Silver         \$/toz         19.1         15.7         17.1         17.0         16.9         16.8         16.8         16.7         16.6         16.5         16.5         16.4	Iron ore	\$/dmt	97.0	55.9	58.4	70.0	57.0	50.0	50.8	51.7	52.5	53.4	54.3	55.2	60.0	
Tin \$\text{ \mathcal{fig} \text{ \mathcal{fig} \mathcal{fig} \text{ \mathcal{fig} \mathcal{fig} \text{ \mathcal{fin} \text{ \mathcal{fin} \text{ \mathcal{fin}  \mathcal{fi	Lead	\$/mt	2,095	1,788	1,867	2,300	2,500	2,483	2,465	2,448	2,431	2,415	2,398	2,381	2,300	
Zinc         \$/mt         2,161         1,932         2,090         2,900         3,000         2,945         2,890         2,837         2,785         2,734         2,683         2,634           Precious Metals           Gold         \$/toz         1,266         1,161         1,249         1,250         1,238         1,226         1,214         1,202         1,190         1,178         1,167         1,155           Silver         \$/toz         19.1         15.7         17.1         17.0         16.9         16.8         16.8         16.7         16.6         16.5         16.5         16.4												13,187			18,000	
Precious Metals           Gold         \$/toz         1,266         1,161         1,249         1,250         1,238         1,226         1,214         1,202         1,190         1,178         1,167         1,155           Silver         \$/toz         19.1         15.7         17.1         17.0         16.9         16.8         16.8         16.7         16.6         16.5         16.5         16.4	Tin	\$/mt	21,899	16,067	17,934	20,225	20,426	20,629	20,834	21,041	21,250	21,462	21,675	21,890	23,000	
Gold         \$/toz         1,266         1,161         1,249         1,250         1,238         1,226         1,214         1,202         1,190         1,178         1,167         1,155           Silver         \$/toz         19.1         15.7         17.1         17.0         16.9         16.8         16.8         16.7         16.6         16.5         16.5         16.4	Zinc	\$/mt	2,161	1,932	2,090	2,900	3,000	2,945	2,890	2,837	2,785	2,734	2,683	2,634	2,400	
Silver \$/toz 19.1 15.7 17.1 17.0 16.9 16.8 16.8 16.7 16.6 16.5 16.5 16.4																
															1,100	
Plotinum \$/toz 1 204 1 052 007 050 004 4 040 4 050 4 400 4 400 4 400															16.0	
Fraumum \$/102 1,504 1,005 907 900 984 1,019 1,050 1,093 1,152 1,173 1,215 1,258	Platinum	\$/toz	1,384	1,053	987	950	984	1,019	1,056	1,093	1,132	1,173	1,215	1,258	1,500	

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			orecasi						Fore	casts				26, 2017
Commodity	Unit	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030
Energy														
Coal, Australia	\$/mt	64.9	58.9	70.2	89.7	72.0	60.5	54.3	53.8	53.3	52.9	52.4	51.9	49.5
Crude oil, avg	\$/bbl	89.1	52.0	45.7	55.9	57.6	59.5	59.3	59.1	59.0	58.8	58.7	58.6	57.7
Natural gas, Europe	\$/mmbtu	9.3	7.4	4.9	5.8	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.6
Natural gas, US	\$/mmbtu	4.0	2.7	2.7	3.2	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	4.1
Natural gas LNG, Japan	\$/mmbtu	14.8	10.5	7.3	8.7	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.2
Non Energy Commodities Agriculture														
Beverages	Ф/I	0.00	2.04	2.00	0.40	0.47	0.40	0.04	0.04	0.00	0.00	0.00	0.04	0.47
Cocoa Coffee Arabica	\$/kg \$/kg	2.83 4.10	3.21 3.61	3.08 3.85	2.16 3.54	2.17	2.19 3.38	2.21 3.32	2.24 3.26	2.26 3.21	2.29 3.16	2.32	2.34 3.06	2.47
Coffee, Arabica Coffee, Robusta	\$/kg	2.05	1.99	2.08	2.38	3.45 2.29	2.23	2.16	2.10	2.05	2.00	1.94	1.89	1.65
Tea, auctions (3), average		2.52	2.77	2.82	3.27	3.18	3.11	3.04	2.10	2.03	2.86	2.80	2.75	2.47
Food														
Fats and Oils														
Coconut oil	\$/mt	1,185	1,137	1,573	1,700	1,638	1,588	1,540	1,496	1,454	1,413	1,374	1,336	1,155
Groundnut oil	\$/mt	1,215	1,369	1,602	1,583	1,558	1,541	1,525	1,512	1,500	1,488	1,476	1,465	1,402
Palm oil	\$/mt	760	638	747	760	753	751	749	748	747	747	747	747	742
Soybean meal	\$/mt	489	404	405	375	372	371	370	370	371	371	371	371	371
Soybean oil	\$/mt	842	775	863	897	885	878	872	867	862	858	854	849	825
Soybeans	\$/mt	455	400	433	422	420	421	422	423	425	426	428	430	437
Grains	C/mt	128	199	169	148	140	149	150	152	150	155	156	158	165
Barley Maize	\$/mt \$/mt	179	174	170	164	148 163	164	164	165	153 166	167	156 168	169	165 173
Rice, Thailand, 5%	\$/mt	391	395	423	422	414	409	404	399	395	391	387	383	363
Wheat, US, HRW	\$/mt	264	209	178	185	184	185	186	187	188	190	191	192	198
Other Food														
Bananas, US	\$/kg	0.86	0.98	1.07	1.13	1.10	1.08	1.06	1.05	1.03	1.01	1.00	0.98	0.91
Meat, beef	\$/kg	4.58	4.53	4.19	4.43	4.31	4.22	4.13	4.04	3.96	3.89	3.81	3.74	3.38
Meat, chicken	\$/kg	2.25	2.59	2.62	2.64	2.55	2.49	2.42	2.36	2.31	2.25	2.20	2.15	1.90
Oranges	\$/kg	0.73	0.69	0.95	0.84	0.84	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.82
Shrimp, Mexico Sugar, World	\$/kg \$/kg	15.97 0.35	14.71 0.30	11.95 0.42	12.67 0.38	12.49 0.37	12.38 0.37	12.28 0.36	12.20 0.35	12.13 0.35	12.06 0.35	12.00 0.34	11.93 0.34	11.55 0.31
Raw Materials														
Timber														
Logs, Cameroon	\$/cum	431	398	413	417	410	406	402	399	396	393	390	387	371
Logs, Malaysia	\$/cum	261	252	293	285	283	282	281	281	281	281	281	281	280
Sawnwood, Malaysia	\$/cum	831	854	788	739	740	745	751	758	765	773	780	788	825
Other Raw Materials														
Cotton A Index	\$/kg	1.70	1.59	1.75	1.95	1.93	1.91	1.90	1.89	1.88	1.88	1.87	1.86	1.81
Rubber, Malaysian	\$/kg	1.81	1.61	1.71	2.16	2.13	2.12	2.10	2.09	2.08	2.06	2.05	2.04	1.98
Tobacco	\$/mt	4,620	5,028	5,126	5,120	4,959	4,831	4,709	4,596	4,490	4,387	4,286	4,187	3,712
Fertilizers														
DAP	\$/mt	437	470	368	366	355	355	356	358	359	361	363	364	371
Phosphate rock	\$/mt	102	120	120	96	93	93	94	95	96	97	98	99	103
Potassium chloride	\$/mt	275	310	262	228	221	224	227	230	234	238	241	245	264
TSP	\$/mt	359	394	310	292	288	289	291	293	295	298	300	302	313
Urea, E. Europe, bulk	\$/mt	293	280	213	228	221	223	224	227	229	231	234	236	247
Metals and Minerals														
Aluminum	\$/mt	1,729	1,705	1,711	2,058	2,024	2,002	1,981	1,963	1,946	1,930	1,915	1,899	1,815
Copper	\$/mt	6,354	5,645	5,192	6,387	6,292	6,235	6,181	6,136	6,097	6,059	6,022	5,983	5,774
Iron ore	\$/dmt	89.8	57.2	62.3	73.9	58.6	50.4	50.2	50.1	50.1	50.0	50.0	49.9	49.5
Lead	\$/mt	1,940	1,831	1,991	2,428	2,571	2,502	2,435	2,374	2,317	2,261	2,206	2,153	1,897
Nickel	\$/mt	15,639	12,152	10,234	10,662	10,859	11,124	11,399	11,701	12,018	12,347	12,685	13,030	14,848
Tin	\$/mt	20,272	16,458	19,128	21,350	21,006	20,787	20,579	20,405	20,247	20,095	19,944	19,790	18,973
Zinc	\$/mt	2,000	1,979	2,229	3,061	3,085	2,967	2,855	2,751	2,653	2,560	2,469	2,381	1,980
Precious Metals														
Gold	\$/toz	1,172	1,189	1,332	1,320	1,273	1,235	1,199	1,165	1,134	1,103	1,074	1,045	907
Silver	\$/toz	17.7	16.1	18.3	17.9	17.4	17.0	16.6	16.2	15.8	15.5	15.1	14.8	13.2
Platinum	\$/toz	1,281	1,079	1,053	1,003	1,012	1,027	1,043	1,060	1,079	1,098	1,118	1,138	1,237

Next update: April 2018

Released:	October	26,	2017

Next update: April 2018

				Forecasts										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2030	
Drive in disces in manning LUC dellares	(2040, 400)													
Price indices in nominal US dollars  Energy	118.3	64.9	55.0	68.0	70.8	73.8	74.9	76.2	77.5	78.9	80.2	81.6	89.1	
Non-energy commodities	97.0	82.4	80.3	84.3	84.8	85.5	86.6	87.7	88.8	89.9	91.1	92.3	98.7	
Agriculture	102.7	89.3	89.1	88.5	89.6	90.7	91.8	93.0	94.2	95.4	96.6	97.9	104.8	
Beverages	101.8	93.5	91.0	83.4	84.0	84.6	85.2	85.9	86.6	87.3	88.0	88.8	93.0	
Food	107.4	90.9	92.3	92.2	93.3	94.4	95.5	96.7	97.9	99.1	100.3	101.5	108.2	
Oils and Meals	107.4	85.2	89.6	89.1	90.6	92.1	93.6	95.2	96.7	98.4	100.0	101.7	110.6	
Grains	103.0	88.8	82.0	81.8	83.4	85.0	86.6	88.3	90.0	91.7	93.5	95.3	105.1	
Other food	103.9	100.3	105.3	105.7	105.8	106.0	106.1	106.3	106.4	106.6	106.8	107.0	108.0	
Raw materials	91.9	83.3	80.2	82.2	83.5	84.8	86.2	87.7	89.1	90.6	92.2	93.8	102.3	
Timber	104.9	96.1	89.6	85.7	87.9	90.1	92.4	94.8	97.2	99.6	102.2	104.8	118.8	
Other Raw Materials	77.7	69.3	70.0	78.3	78.7	79.1	79.5	79.9	80.4	80.8	81.3	81.7	84.2	
Fertilizers	100.5	95.4	75.3	72.2	72.1	74.1	76.2	78.4	80.7	83.0	85.3	87.8	101.1	
Metals and minerals a/	84.8	66.9	63.0	77.1	76.5	76.2	77.0	77.8	78.6	79.5	80.3	81.2	85.9	
Base Metals b/	89.0	73.6	68.3	83.8	85.2	86.0	86.8	87.7	88.5	89.4	90.4	91.3	96.4	
Precious Metals	101.1	90.6	97.5	97.3	96.5	95.7	95.0	94.2	93.5	92.8	92.0	91.3	88.0	
Price indices in real 2010 US dollars	s (2010=100) o 109.5	66.5	58.7	71.8	72.8	74.4	74.0	73.9	73.9	73.8	73.8	73.8	73.5	
0,														
Non-energy commodities	89.8 95.1	84.5	85.7 95.0	89.0	87.2 92.1	86.2	85.5 90.7	85.0	84.6	84.2	83.8	83.4	81.4 86.4	
Agriculture	95.1	91.5 95.8	95.0	93.4 88.1	86.4	91.4 85.3	84.2	90.2	89.7 82.5	89.3 81.7	88.9 81.0	88.5	76.7	
Beverages Food	94.2	93.1	98.5	97.3	95.9	95.1	94.4	83.3 93.8	93.2	92.8	92.3	80.3 91.8	89.3	
Oils and Meals	100.9	87.2	95.5	94.1	93.1	92.8	92.5	92.3	93.2	92.0	92.0	91.9	91.3	
Grains	96.2	90.9	87.4	86.4	85.7	85.6	85.5	85.6	85.7	85.9	86.0	86.2	86.7	
Other food	100.3	102.7	112.3	111.6	108.8	106.8	104.8	103.1	101.4	99.8	98.3	96.7	89.1	
Raw materials	85.1	85.3	85.6	86.7	85.9	85.5	85.2	85.0	84.9	84.9	84.8	84.8	84.4	
Timber	97.1	98.4	95.6	90.5	90.4	90.8	91.3	91.9	92.6	93.3	94.0	94.7	98.0	
Other Raw Materials	72.0	71.0	74.6	82.6	80.9	79.7	78.5	77.5	76.6	75.7	74.8	73.9	69.4	
Fertilizers	93.0	97.7	80.3	76.3	74.1	74.7	75.3	76.0	76.8	77.7	78.5	79.4	83.4	
Metals and minerals a/	78.5	68.6	67.2	81.3	78.7	76.8	76.1	75.5	74.9	74.4	73.9	73.4	70.9	
Base Metals b/	82.4	75.4	72.8	88.5	87.6	86.7	85.8	85.0	84.4	83.7	83.1	82.5	79.5	
Precious Metals	93.6	92.8	103.9	102.7	99.3	96.5	93.8	91.4	89.1	86.9	84.7	82.6	72.6	
Inflation indices, 2010=100 d/														
MUV index e/	108.0	97.6	93.8	94.7	97.2	99.2	101.2	103.1	105.0	106.8	108.7	110.6	121.2	
% change per annum	(1.5)	(9.6)	(4.0)	1.0	2.6	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.9	
US GDP deflator	107.5	108.7	110.1	111.8	113.9	116.0	118.1	120.5	122.9	125.4	127.9	130.4	144.0	
% change per annum	1.8	1.1	1.3	1.6	1.8	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.0	

Notes:

a/ Base metals plus iron ore
b/ Includes aluminum, copper, lead, nickel, tin and zinc
c/ Real price indices are computed from unrounded data and deflated by the MUV index.
d/ Inflation indices for 2013-2025 are projections
e/ Unit value index of manufacture exports (MUV) in US dollar terms for fifteen countries (Brazil, Canada, China, Germany, France, India, Italy, Japan, Mexico, Republic of Korea, South Africa, Spain, Thailand, United Kingdom, and United States).

## **Description of Price Series**

Coal (Australia), thermal, f.o.b. piers, Newcastle/Port Kembla, 6,700 kcal/kg, 90 days forward delivery beginning year 2011; for period 2002-2010, 6,300 kc/kg (11,340 btu/lb); prior to year 2002, 6,667 kcal/kg (12,000 btu/lb).

Crude oil, average price of Brent, Dubai and West Texas Intermediate, equally weighed.

Natural Gas (Europe), average import border price, including UK. As of April 2010 includes a spot price component. Between June 2000 - March 2010 excludes UK. Natural Gas (U.S.), spot price at Henry Hub, Louisiana.

Natural gas LNG (Japan), import price, cif, recent two months' averages are estimates

Cocoa (ICCO), International Cocoa Organization daily price, average of the first three positions on the terminal markets of New York and London, nearest three future trading months.

Coffee (ICO), International Coffee Organization indicator price, other mild Arabicas, average New York and Bremen/Hamburg markets, ex-dock.

Coffee (ICO), International Coffee Organization indicator price, Robustas, average New York and Le Havre/Marseilles markets, ex-dock. Tea, average three auctions, arithmetic average of quotations at Kolkata, Colombo and Mombasa/Nairobi,

Coconut oil (Philippines/Indonesia), bulk, c.i.f. Rotterdam. Copra (Philippines/Indonesia), bulk, c.i.f. N.W. Europe.

Groundnut oil (any origin), c.i.f. Rotterdam.
Palm oil (Malaysia), 5% bulk, c.i.f. N. W. Europe.
Soybean meal (any origin), Argentine 45/46% extraction, c.i.f. Rotterdam beginning 1990; previously US 44%.

Soybean oil (Any origin), crude, f.o.b. ex-mill Netherlands Soybeans (US), c.i.f. Rotterdam.

Barley (US) feed, No. 2, spot, 20 days To-Arrive, delivered Minneapolis from May 2012 onwards; during 1980 - 2012 April Canadian, feed, Western No. 1, Winnipeg Commodity Exchange, spot, wholesale farmers' price.

Maize (US), no. 2, yellow, f.o.b. US Gulf ports.

Rice (Thailand), 5% broken, white rice (WR), milled, indicative price based on weekly surveys of export transactions, government standard, f.o.b. Bangkok.

Wheat (US), no. 1, hard red winter, ordinary protein, export price delivered at the US Gulf port for prompt or 30 days shipment.

Bananas (Central & South America), major brands, free on truck (f.o.t.) Southern Europe, including duties; prior to October 2006, f.o.t. Hamburg.

Meat, beef (Australia/New Zealand), chucks and cow forequarters, frozen boneless, 85% chemical lean, c.i.f. U.S. port (East Coast), ex-dock, beginning November 2002; previously cow forequarters.

Meat, chicken (US), broiler/fryer, whole birds, 2-1/2 to 3 pounds, USDA grade "A", ice-packed, Georgia Dock preliminary weighted average, wholesale.

Meat, sheep (New Zealand), frozen whole carcasses Prime Medium (PM) wholesale, Smithfield, London beginning January 2006; previously Prime Light (PL). Oranges (Mediterranean exporters) navel, EEC indicative import price, c.i.f. Paris.

Shrimp, (Mexico), west coast, frozen, white, No. 1, shell-on, headless, 26 to 30 count per pound, wholesale price at New York,

Sugar (world), International Sugar Agreement (ISA) daily price, raw, f.o.b. and stowed at greater Caribbean ports

Logs (West Africa), sapele, high quality (loyal and marchand), 80 centimeter or more, f.o.b. Douala, Cameroon beginning January 1996; previously of unspecified dimension.

Logs (Malaysia), meranti, Sarawak, sale price charged by importers, Tokyo beginning February 1993; previously average of Sabah and Sarawak weighted by Japanese import volumes.

Sawmwood (Malaysia), dark red seraya/meranti, select and better quality, average 7 to 8 inches; length average 12 to 14 inches; thickness 1 to 2 inch(es); kiln dry, c. & f. UK ports, with 5% agents commission including premium for products of certified sustainable forest beginning January 2005; previously excluding the premium.

Cotton (Cotton Outlook "Cotlook A index"), middling 1-3/32 inch, traded in Far East, C/F beginning 2006; previously Northern Europe, c.i.f.
Rubber (Asia), RSS3 grade, Singapore Commodity Exchange Ltd (SICOM) nearby contract beginning 2004; during 2000 to 2003, Singapore RSS1; previously Malaysia RSS1.

DAP (diammonium phosphate), standard size, bulk, spot, f.o.b, US Gulf

Phosphate rock (Morocco), 70% BPL, contract, f.a.s. Casablanca.
Potassium chloride (muriate of potash), standard grade, spot, f.o.b. Vancouver.

TSP (triple superphosphate), bulk, spot, beginning October 2006, Tunisian origin, granular, fob; previously US origin, f.o.b. US Gulf. Urea, (Black Sea), bulk, spot, f.o.b. Black Sea (primarily Yuzhnyy) beginning July 1991; for 1985-91 (June) f.o.b. Eastern Europe.

Aluminum (LME) London Metal Exchange, unalloyed primary ingots, high grade, minimum 99.7% purity, settlement price beginning 2005; previously cash price.

Copper (LME), grade A, minimum 99.9935% purity, cathodes and wire bar shapes, settlement price. Iron ore (any origin) fines, spot price, c.f.r. China, 62% Fe beginning December 2008; previously 63.5%. Lead (LME), refined, 99.97% purity, settlement price.

Nickel (LME), cathodes, minimum 99.88% purity, settlement price beginning 2005; previously cash price.

Tin (LME), refined, 99.85% purity, settlement price.

Zinc (LME), high grade, minimum 99.95% purity, settlement price beginning April 1990; previously special high grade, minimum 99.995%, cash prices.

Gold (UK), 99.5% fine, London afternoon fixing, average of daily rates. Platinum (UK), 99.9% refined, London afternoon fixing.

Silver (UK), 99.9% refined, London afternoon fixing; prior to July 1976 Handy & Harman. Grade prior to 1962 unrefined silver.