



Turkish Petroleum Refineries Corporation (TUPRAŞ)
THE CONSOLIDATED INCOME STATEMENT

In accordance with Capital Market Board Regulations

	Unaudited Income Statement (1000 TL)		
	01.01. 2019 - 31.03.2019	01.01.2018 -31.03.2018	% change
Revenue	20.707.888	13.421.408	54
Cost of sales	(19.716.595)	(12.352.218)	60
Gross profit (loss)	991.293	1.069.190	(7)
General administrative expenses	(280.373)	(195.886)	43
Marketing expenses	(85.773)	(67.165)	28
Research and development expenses	(6.819)	(4.910)	39
Other operating income	175.743	106.040	66
Other operating expenses	(565.939)	(217.081)	161
Operating profit (loss)	228.132	690.188	(67)
Income from investment activities	-	-	-
Expense from investment activities	(140)	(6.383)	(98)
Income (loss) from investments accounted by equity method	63.072	58.586	8
Operating profit (loss) before financial income (expense)	291.064	742.391	(61)
Financial income	704.842	653.816	8
Financial expense	(1.306.035)	(924.397)	41
Profit (loss) before tax from continued operations	(310.129)	471.810	(166)
Tax income (expense)	(52.166)	(85.023)	(39)
Taxes on income (expense)	(3.422)	(5.118)	(33)
Deferred tax income (expense)	(48.744)	(79.905)	(39)
Net profit (loss) from continued operations	(362.295)	386.787	(194)

Other comprehensive income:			
Items not to be reclassified to profit or loss			
Plant property, equipment revaluation increase(decrease)	6.154.560	-	-
Items not to be reclassified to other profit or loss from investments accounted by equity method	20.831	-	-
Plant property, equipment revaluation increase(decrease) from investments accounted by equity method	20.831	-	-
Tax effect of other comprehensive income not to be reclassified to profit or loss	(758.101)	-	-
Deferred tax (expense) income	(758.101)	-	-
Items to be reclassified to profit or loss	(129.567)	(116.546)	11
Changes in currency translation	(384)	-	-
Items to be reclassified to other comprehensive profit or loss from investments accounted by equity method	5.340	2.282	134
Changes in currency translation Income (loss) from investments accounted by equity method	5.340	2.282	134
Cash flow hedge other comprehensive gains/(losses)	(164.671)	(149.929)	10
Cash flow hedge comprehensive gains/(losses)	(164.671)	(149.929)	10
Tax effect of other comprehensive income to be reclassified to profit or loss	30.148	31.101	(3)
Deferred tax (expense) income	30.148	31.101	(3)
Other comprehensive income (expense)	6.024.993	(116.546)	(5.270)
Total comprehensive income (expense)	5.662.698	270.241	1.995

Distribution of income (loss) for the period:			
Non-controlling interests	12.863	8.351	54
Attributable to equity holders of the parent	(375.158)	378.436	(199)
Distribution of total comprehensive income			
Non-controlling interests	5.195	4.501	15
Attributable to equity holders of the parent	5.657.503	265.740	2.029
Earnings (loss) per share from continued operations			
Earnings per share with nominal value Kr 1 each (Kr)	(1,50)	1,51	(199,34)
EBITDA CMB :	01.01. 2019 - 31.03.2019	01.01.2018 -31.03.2018	% change
Operating profit (loss)	228.132	690.188	-67
Total Depreciation	171.048	155.462	10
EBITDA, (1000 TRY)	399.180	845.650	-53

EBITDA Alternative Method :			
Profit (loss) before tax from continued operations	-310.129	471.810	-166
Credit finance gains	-155.774	-74.009	110
Credit finance charges	52.736	21.023	151
Financial income	-704.842	-653.816	8
Financial expenses	1.306.035	924.397	41
Foreign exchange income on trade payables,net	0	0	-
Foreign exchange expense on trade payables,net	492.850	187.881	162
Foreign exchange expense on trade receivables,net	0	0	-
Foreign exchange income on trade receivables,net	-1.238	-6.119	-80
Income from investment activities	140	6.383	-98
Total Depreciation	171.048	155.462	10
EBITDA, (1000 TRY)	850.826	1.033.012	-18



Turkish Petroleum Refineries Corporation (TUPRAS)
CONSOLIDATED BALANCE SHEET

In accordance with Capital Market Board Regulations

	Unaudited Balance Sheet (1000 TL) 31-Mar-2018	Audited Balance Sheet (1000 TL) 31-Dec-2018	% change
Current assets	28.061.876	20.962.205	34
Cash and cash equivalents	11.328.854	5.982.828	89
Trade receivables (net)	6.429.066	5.428.738	18
<i>Trade receivables from related parties</i>	1.071.315	1.132.117	(5)
<i>Trade receivables from unrelated parties</i>	5.357.751	4.296.621	25
Other receivables	90.855	29.048	213
Other receivables from unrelated parties	90.855	29.048	213
Derivatives	328.836	175.532	87
Inventories	8.410.339	6.764.745	24
Prepaid expenses	105.789	108.689	(3)
Other current assets	1.368.137	2.472.625	(45)
Non-current assets	25.544.161	19.073.522	34
Financial investments	1.259.577	1.266.334	(1)
Investment accounted by equity method	-	4.621	(100)
Investment property	19.244.328	12.339.167	56
Property, plant and equipment	197.898	-	-
Intangible assets(net)	53.312	58.185	(8)
Other intangible assets	53.312	58.185	-8
Derivatives	209.821	168.266	25
Prepaid expenses	364.575	378.000	(4)
Deferred tax assets	2.789.436	3.566.132	(22)
Other non-current assets	1.425.214	1.292.817	10
TOTAL ASSETS	53.606.037	40.035.727	34
Current Liabilities	25.145.175	15.949.538	58
Short-term financial liabilities (net)	2.592.930	1.141.869	127
Current portion of long-term financial liabilities(net)	2.962.179	2.971.529	(0)
Trade payables (net)	13.229.192	7.496.141	76
<i>Trade payables to related parties</i>	160.234	77.096	108
<i>Other trade payables to unrelated parties</i>	13.068.958	7.419.045	76
Payables related to employee benefits	95.034	127.500	(25)
Other payables	1.889.336	39.300	4.707
Other payables to related parties	9.596	24.279	(60)
Other payables to unrelated parties	1.879.740	15.021	12.414
Derivatives	271.956	236.050	15
Deferred income	6.856	4.878	41
Current period corporate tax provision	-	98.749	(100)
Short-term provisions	182.609	80.345	127
Employee benefits	67.953	8.863	667
Other provisions	114.656	71.482	60
Other current liabilities	3.915.083	3.753.177	4
Non-current Liabilities	16.646.186	14.140.360	18
Long-term financial liabilities(net)	16.367.782	13.836.142	18
Long-term provisions	248.545	257.392	(3)
Employee benefits	248.545	257.392	(3)
Deferred incomes	6.102	3.638	68
Derivatives	22.834	42.237	(46)
Other non-current liabilities	923	951	(3)
TOTAL LIABILITIES	41.791.361	30.089.898	39
EQUITY	11.814.676	9.945.829	19
Share capital	250.419	250.419	-
Adjustment to share capital	1.344.243	1.344.243	-
Accumulated other comprehensive income/(expense) not to be reclassified to profit or loss	6.158.038	3.478	176.957
Gains/ losses on revaluation and remeasurement	6.138.750	5.021	122.162
Plant property, equipment revaluation increase(decrease)	6.133.729	-	-
Actuarial gain/(loss) arising from defined benefit plans	5.021	5.021	-
Share of other comprehensive income accounted for investment using equity method that will not be reclassified to profit or loss	19.288	(1.543)	(1.350)
Accumulated other comprehensive income/(expense) to be reclassified to profit or loss	(1.944.766)	(1.822.867)	7
Changes in currency translation	(384)	-	-
Hedging gains/(losses)	(2.221.079)	(2.094.224)	6
Cash flow hedge gains/(losses)	(2.221.079)	(2.094.224)	6
Share of other comprehensive income accounted for investment using equity method that will be reclassified to profit or loss	276.697	271.357	2
Restricted reserves	503.343	597.086	(16)
Retained earnings	5.752.162	5.739.481	0
Net Income for the period	(375.158)	3.712.789	(110)
Total equity attributable to equity holders of the parent	11.688.281	9.824.629	19
Non-controlling interest	126.395	121.200	4
TOTAL EQUITY AND LIABILITIES	53.606.037	40.035.727	34



Turkish Petroleum Refineries Corporation (TUPRAS)
THE CONSOLIDATED STATEMENTS OF CASH FLOWS

In accordance with Capital Market Board Regulations

	Unaudited Cash Flow (1000 TL)		% change
	01.01 2019 - 31.03.2019	01.01.2018- 31.03.2018	
Cash flows from operating activities	4.477.841	(618.947)	(823)
Profit/(loss) before taxation	(362.295)	386.787	(194)
Adjustment for reconciliation of profit/(loss) before taxation	940.874	630.756	49
- Adjustment for depreciation and amortisation expense	171.048	155.462	10
-Adjustments for impairment	(87.855)	2.275	(3.962)
-Adjustments for stock impairment	(87.855)	2.275	(3.962)
- Adjustment for provisions	108.162	43.136	151
- Adjustment for interest (income) and expense	430.214	104.756	311
-Adjustment for unrealized foreign currency translation differences	(469.074)	(445.696)	5
- Adjustment for value (gain) or loss	61.011	20.291	201
- Adjustment for income of investments accounted by equity method	(63.072)	(58.586)	8
- Adjustment for deferred tax (income)/expense	52.166	85.023	(39)
- Adjustment for (gain)/loss on sales of property, plant and equipment	140	6.383	(98)
- Adjustment for other items related with cash flow of investment or financial activities	757.990	710.698	7
- Other adjustments for reconciliation of profit/(loss)	(19.856)	7.014	(383)
Changes in working capital	4.075.268	(1.588.481)	(357)
- Adjustment for (increase)/decrease in trade receivables	(993.591)	(475.677)	109
- Adjustment for (increase)/decrease in other receivables related with operations	913.220	(104.595)	(973)
- Decrease/(Increase) in derivatives assets	(194.859)	(144.757)	35
- Adjustment for (increase)/decrease in Inventories	(1.557.739)	(1.427.550)	9
- Adjustment for increase/(decrease) in trade payables	5.753.360	457.891	1.156
- Adjustment for increase/(decrease) in other payables related with operations	138.374	138.260	0
- Increase/(decrease) in derivatives liabilities	16.503	(32.053)	(151)
Cash flows from operating activities	4.653.847	(570.938)	(915)
- Tax payments/returns	(102.171)	(21.892)	367
- Other cash inflow/outflow	(73.835)	(26.117)	183
Cash flows from investing activities	(57.969)	(122.828)	(53)
Cash inflows from the sale of property, plant and equipment and intangible assets	(6)	552	(101)
Cash outflows from the purchase of property, plant and equipment and intangible assets	(153.963)	(243.380)	(37)
Dividends received	96.000	120.000	(20)
Cash flows from financing activities	416.451	(1.844.636)	(123)
Cash inflows from financial liabilities	16.721.995	8.823.513	90
Cash outflows from financial liabilities	(14.052.566)	(8.874.590)	58
Cash inflows from derivatives	26.358	14.054	88
Cash outflows from derivatives	(54.980)	(68.767)	(20)
Cash outflows to payables from leases	(23.200)	-	-
Dividend Paid	(1.925.317)	(1.728.721)	11
Interest paid	(343.269)	(108.731)	216
Interest received	67.430	98.606	(32)
Before net increase/(decrease) in cash and cash equivalents before the effect of foreign currency translation differences	4.836.323	(2.586.411)	(287)
Impact of foreign currency translation differences on cash and cash equivalents	469.074	445.696	5
Net increase/(decrease) in cash and cash equivalents	5.305.397	(2.140.715)	(348)
Cash and cash equivalents at beginning of period	4.553.080	7.592.735	(40)
Cash and cash equivalents at end of period	9.858.477	5.452.020	81

KEY OPERATIONAL DATA (1000 tons)

Production	1Q 2019	1Q 2018	1Q 2019/1Q 2018	
			mton	%
LPG	241	213	28	13
NAPHTHA	114	10	104	1.096
GASOLINES	1.373	1.117	256	23
JET FUEL/KEROSENE	1.162	1.001	161	16
GASOIL	2.240	1.764	475	27
FUEL OIL	994	354	639	180
ASPHALTS	310	494	(184)	(37)
LUBE OIL	35	23	12	54
OTHERS	219	209	10	5
TOTAL	6.687	5.185	1.503	29

Total Sales	1Q 2019	1Q 2018	1Q 2019/1Q 2018	
			mton	%
LPG	247	223	24	10,5
NAPHTHA	122	0	122	
GASOLINES	1.322	1.099	223	20,3
REFORMATE	52	73	(21)	(29,1)
JET FUEL/KEROSENE	1.106	990	116	11,7
GASOIL	2.581	2.544	37	1,4
FUEL OIL	1.093	598	495	82,8
ASPHALTS	282	349	(68)	(19,4)
LUBE OIL	36	36	0	0,7
COKE	144	206	(62)	(30,2)
OTHERS	255	80	175	217,9
TOTAL	7.241	6.201	1.041	16,8

Export	1Q 2019	1Q 2018	1Q 2019/1Q 2018	
			mton	%
LPG	7	4	4	98,4
GASOLINES	820	607	213	35,1
REFORMATE	52	73	(21)	(29,1)
JET FUEL	134	1	134	15.033,0
GASOIL	107	17	90	519,5
FUEL OIL	915	295	620	210,0
BITUMEN	24	0	24	
OTHER	20	1	19	1.430,0
TOTAL	2.079	998	1.081	108,4

Domestic Sales	1Q 2019	1Q 2018	1Q 2019/1Q 2018	
			mton	%
LPG	240	220	20	9,1
NAPHTHA	122	0	122	
GASOLINES	503	493	10	2,0
JET FUEL/KEROSENE	972	990	(18)	(1,8)
GASOIL	2.474	2.527	(53)	(2,1)
FUEL OIL	179	303	(125)	(41,1)
ASPHALTS	257	349	(92)	(26,3)
LUBE OIL	36	36	0	0,7
COKE	144	206	(62)	(30,2)
OTHERS	235	79	156	198,0
TOTAL	5.162	5.203	(41)	(0,8)

Crude Oil Processed	6.681	4.728	1.953	41,3
Capacity Utilization rate,%	89,1	67,3		21,8
Total Processed	7.017	5.478	1.539	28,1
Total Capacity Utilization rate,%	93,6	78,0		15,6

Tupras
Gross Refining Margin Analysis

Date	Tupras Gross Margin	Mediterranean Ural Ref. Margin		Difference Tupras / Complex
		Complex	Simple	
1999/1 Q	2.12	1.65		
2000/1 Q	1.96	1.65	(0.10)	(0.28)
2001/1 Q	1.67	2.17	0.18	(0.51)
2002/1 Q	5.92	3.76		3.14
2003/1 Q	5.44	5.02	3.55	0.42
2004/1 Q	2.97	3.82	1.17	(0.85)
2005/1 Q	2.59	3.29	(0.40)	(0.81)
2006/1 Q	3.75	4.81	2.67	(1.06)
2007/1 Q	5.04	5.70	2.27	(0.66)
2008/1 Q	7.83	3.70	0.73	4.13
2009/1 Q	9.32	3.44	2.34	5.98
2010/1 Q	9.17	3.50	1.84	5.87
2011/1 Q	10.79	0.42	(1.70)	10.37
2012/1 Q	9.41	2.97	2.23	6.45
2013/1 Q	9.41	2.83	0.50	6.58
2014/1 Q	9.74	0.44	(0.92)	9.30
2015/1 Q	10.33	5.98	4.62	4.35
2016/1 Q	8.23	3.84	0.85	4.39
2017/1 Q	13.27	5.01	3.13	8.26
2018/1 Q	13.68	4.01	3.37	7.58
2019/1 Q	11.02	3.60	3.93	7.42

1999/2 Q	1.64	1.45	(0.35)	0.19
2000/2 Q	2.54	3.22	0.75	(0.68)
2001/2 Q	3.65	2.23	(0.50)	1.42
2002/2 Q	1.59	1.00	(0.37)	0.59
2003/2 Q	2.77	2.55	1.24	(0.28)
2004/2 Q	4.96	5.59	1.96	(0.63)
2005/2 Q	6.63	6.37	3.07	0.26
2006/2 Q	6.87	6.99	3.03	(0.20)
2007/2 Q	9.17	7.22	2.75	1.95
2008/2 Q	12.65	6.28	2.92	6.37
2009/2 Q	8.30	1.40	(0.21)	7.89
2010/2 Q	10.95	3.55	1.83	7.40
2011/2 Q	10.90	1.65	(1.38)	5.25
2012/2 Q	10.23	5.73	4.06	4.50
2013/2 Q	9.92	3.52	1.98	7.10
2014/2 Q	7.21	0.66	(1.63)	7.35
2015/2 Q	12.63	4.88	2.95	7.05
2016/2 Q	10.58	3.20	0.13	7.38
2017/2 Q	12.14	5.81	4.03	6.33
2018/2 Q	17.85	4.39	2.66	13.46

1999/3 Q	2.96	1.96	(0.62)	1.00
2000/3 Q	5.98	4.96	2.45	1.02
2001/3 Q	2.20	1.24	(0.45)	0.96
2002/3 Q	2.59	2.24	(0.13)	1.14
2003/3 Q	3.23	2.63	1.05	0.70
2004/3 Q	5.21	5.25	0.99	(0.04)
2005/3 Q	6.40	6.19	2.23	0.21
2006/3 Q	7.78	5.38	0.75	2.40
2007/3 Q	6.97	3.75	0.84	3.21
2008/3 Q	12.90	6.72	5.05	6.18
2009/3 Q	9.88	1.59	0.45	7.29
2010/3 Q	11.34	1.74	0.46	9.59
2011/3 Q	14.36	1.20	(0.57)	13.15
2012/3 Q	12.87	5.23	3.95	7.64
2013/3 Q	10.48	1.05	(0.56)	9.44
2014/3 Q	12.83	3.45	1.54	9.39
2015/3 Q	13.32	4.92	3.17	8.40
2016/3 Q	10.79	3.81	1.84	6.96
2017/3 Q	13.50	6.46	4.61	7.14
2018/3 Q	17.55	5.09	3.50	12.46

1999/4 Q	1.92	1.90	(0.87)	0.02
2000/4 Q	3.76	4.84	3.07	0.33
2001/4 Q	1.37	0.90	(0.27)	0.47
2002/4 Q	2.19	1.92	0.81	0.27
2003/4 Q	3.20	2.69	0.74	0.60
2004/4 Q	5.40	6.63	2.21	(0.23)
2005/4 Q	6.54	5.41	2.91	1.13
2006/4 Q	4.87	4.02	1.02	0.84
2007/4 Q	7.47	4.63	1.92	2.84
2008/4 Q	9.32	5.46	4.12	3.86
2009/4 Q	6.40	1.34	0.56	8.08
2010/4 Q	12.29	2.76	0.29	9.54
2011/4 Q	11.76	1.41	0.87	10.35
2012/4 Q	9.36	2.92	0.95	6.44
2013/4 Q	6.96	0.30	(1.21)	6.59
2014/4 Q	11.80	3.84	2.04	7.97
2015/4 Q	10.90	3.54	0.73	7.38
2016/4 Q	14.99	6.06	3.37	8.94
2017/4 Q	12.63	4.10	2.33	8.43
2018/4 Q	10.83	4.74	4.92	6.13

1999/1 Half	1.82	1.64	(0.08)	0.18
2000/1 Half	1.95	2.43	0.35	(0.48)
2001/1 Half	2.69	2.20	(0.16)	0.48
2002/1 Half	1.25	0.89	(0.29)	0.36
2003/1 Half	3.83	3.76	2.41	0.05
2004/1 Half	3.98	4.71	1.57	(0.73)
2005/1 Half	4.88	4.81	1.34	0.07
2006/1 Half	5.40	5.30	2.85	(0.50)
2007/1 Half	7.22	6.46	2.51	0.77
2008/1 Half	10.45	4.99	1.82	5.46
2009/1 Half	9.31	2.42	1.07	6.89
2010/1 Half	10.17	3.23	1.86	6.65
2011/1 Half	10.85	1.04	(1.54)	9.81
2012/1 Half	9.36	4.35	3.13	5.01
2013/1 Half	9.53	2.88	0.79	6.86
2014/1 Half	8.47	0.25	(1.28)	8.22
2015/1 Half	11.60	6.43	3.49	6.17
2016/1 Half	9.41	3.52	0.51	5.90
2017/1 Half	12.68	5.41	3.61	7.27
2018/1 Half	14.98	4.20	2.52	10.78

1999/2 Half	2.46	1.93	(0.75)	0.54
2000/2 Half	5.86	4.90	2.76	0.95
2001/2 Half	2.40	1.58	(0.34)	0.82
2002/2 Half	3.22	2.58	0.94	0.65
2003/2 Half	6.76	5.84	1.63	(0.14)
2004/2 Half	6.47	5.80	2.57	0.67
2005/2 Half	6.25	4.70	0.90	1.55
2006/2 Half	7.21	4.19	1.38	3.02
2007/2 Half	11.35	6.09	4.60	5.26
2008/2 Half	9.13	1.47	0.41	7.68
2009/2 Half	11.81	2.25	0.33	9.58
2010/2 Half	13.13	1.91	0.15	11.83
2011/2 Half	11.15	4.08	1.75	7.08
2012/2 Half	9.70	0.67	(0.88)	8.03
2013/2 Half	12.32	3.64	1.75	8.67
2014/2 Half	12.10	4.23	1.37	7.87
2015/2 Half	12.91	4.43	2.01	8.48
2016/2 Half	13.11	5.28	3.45	7.63
2018/2 Half	14.46	4.91	4.21	9.55

1999/9 M	2.17	1.75	(0.25)	0.42
2000/9 M	3.30	3.28	1.07	0.03
2001/9 M	2.51	1.88	(0.26)	0.63
2002/9 M	1.74	1.01	(0.23)	0.73
2003/9 M	3.61	3.37	1.97	0.24
2004/9 M	4.43	4.89	1.37	(0.46)
2005/9 M	6.43	6.27	1.63	0.11
2006/9 M	6.28	5.73	2.16	0.56
2007/9 M	7.14	5.56	1.95	1.58
2008/9 M	11.33	6.87	2.91	4.76
2009/9 M	9.15	2.15	0.86	7.01
2010/9 M	10.62	2.93	1.38	7.68
2011/9 M	13.08	4.88	(1.22)	11.98
2012/9 M	10.65	4.64	(3.07)	6.01
2013/9 M	9.88	2.13	0.34	7.75
2014/9 M	10.98	4.31	(0.34)	6.37
2015/9 M	12.23	5.28	2.84	6.97
2016/9 M	9.90	3.62	0.95	6.28
2017/9 M	17.99	6.76	3.69	7.76
2018/9 M	16.01	4.50	2.84	11.51

1999	2.12	1.79	(0.40)	0.33
2000	4.04	3.67	1.57	0.38
2001	2.21	1.64	(0.26)	0.57
2002	1.85	1.24	0.03	0.61
2003	3.50	3.17	1.67	0.33
2004	4.95	5.32	1.58	(0.38)
2005	5.70	5.31	1.95	0.39
2006	5.86	5.30	1.88	0.56
2007	7.22	5.32	1.95	1.90
2008	10.90	5.54	3.21	5.36
2009	9.21	1.95	0.79	7.27
2010	11.08	2.89	1.10	8.19
2011	12.01	1.17	(0.70)	10.84
2012	10.32	4.21	2.44	6.10

Refining Margin Analysis (Net)

Date	Tüpraş	Mediterranean Ural Ref. Margin		Difference
	Gross Margin	Complex	Simple	Tüpraş / Complex
2004/1.Q	(0.10)	3.82	1.17	(3.92)
2005/1.Q	(0.84)	3.26	(0.40)	(4.10)
2006/1.Q	(1.90)	4.81	2.67	(6.71)
2007/1.Q	0.37	5.70	2.27	(5.33)
2008/1.Q	1.57	3.70	0.73	(2.19)
2009/1.Q	1.72	3.44	2.34	(1.73)
2010/1.Q	1.37	3.50	1.84	(2.13)
2011/1.Q	3.87	0.42	(1.70)	3.45
2012/1.Q	1.96	2.97	2.23	(1.01)
2013/1.Q	0.90	2.83	0.50	(1.93)
2014/1.Q	2.41	0.44	(0.92)	1.97
2015/1.Q	4.69	5.98	4.02	(1.29)
2016/1.Q	2.81	3.84	0.89	(1.02)
2017/1.Q	8.65	5.01	3.19	3.64
2018/1.Q	4.80	4.01	2.37	0.78
2019/1.Q	4.16	3.60	3.93	1.25

2004/2.Q	1.94	5.59	1.96	(3.65)
2005/2.Q	3.42	6.37	3.07	(2.95)
2006/2.Q	2.83	6.99	3.03	(4.17)
2007/2.Q	4.38	7.22	2.75	(2.84)
2008/2.Q	6.13	6.28	2.92	(0.15)
2009/2.Q	2.62	1.40	(0.21)	1.21
2010/2.Q	4.89	3.55	1.88	1.33
2011/2.Q	4.34	1.65	(1.38)	2.69
2012/2.Q	3.85	5.73	4.02	(2.09)
2013/2.Q	2.63	2.52	1.08	0.11
2014/2.Q	(0.28)	0.06	(1.63)	(0.34)
2015/2.Q	7.48	4.88	2.50	2.61
2016/2.Q	5.21	3.20	0.13	2.02
2017/2.Q	7.80	5.81	4.03	2.00
2018/2.Q	12.27	4.39	2.66	7.88

2004/3.Q	2.12	5.25	0.99	(3.13)
2005/3.Q	2.69	6.19	2.23	(3.50)
2006/3.Q	3.79	5.38	0.78	(1.59)
2007/3.Q	1.56	3.75	0.84	(2.20)
2008/3.Q	6.37	6.72	5.09	(0.35)
2009/3.Q	1.87	1.59	0.45	0.28
2010/3.Q	5.02	1.74	0.46	3.28
2011/3.Q	8.20	1.20	(0.57)	7.00
2012/3.Q	5.91	5.23	2.95	0.68
2013/3.Q	4.13	1.05	(0.56)	3.08
2014/3.Q	5.53	3.45	1.54	2.09
2015/3.Q	8.32	4.92	2.01	3.40
2016/3.Q	5.68	3.81	1.84	1.87
2017/3.Q	8.95	6.45	4.51	2.50
2018/3.Q	13.51	5.09	3.50	8.42

2004/4.Q	3.28	6.63	2.21	(3.35)
2005/4.Q	1.82	5.41	2.91	(3.60)
2006/4.Q	0.93	4.02	1.02	(3.09)
2007/4.Q	2.00	4.63	1.92	(2.62)
2008/4.Q	3.45	5.46	4.12	(2.01)
2009/4.Q	3.05	1.34	0.56	1.71
2010/4.Q	5.82	2.76	0.20	3.06
2011/4.Q	4.42	1.41	0.87	3.01
2012/4.Q	1.72	2.92	0.55	(1.20)
2013/4.Q	2.03	0.30	(1.21)	1.73
2014/4.Q	4.56	3.84	2.04	0.73
2015/4.Q	5.17	3.54	0.73	1.63
2016/4.Q	10.06	5.05	3.37	5.01
2017/4.Q	6.67	4.10	2.39	2.57
2018/4.Q	5.01	4.74	4.92	0.27

2004/1st Half	0.93	4.71	1.57	(3.77)
2005/1st Half	1.42	4.81	1.34	(3.40)
2006/1st Half	0.78	5.90	2.85	(5.12)
2007/1st Half	2.49	6.46	2.51	(3.97)
2008/1st Half	4.05	4.99	1.82	(0.94)
2009/1st Half	2.22	2.42	1.07	(0.20)
2010/1st Half	3.42	3.53	1.86	(0.11)
2011/1st Half	4.12	1.04	(1.54)	3.08
2012/1st Half	2.85	4.35	3.13	(1.50)
2013/1st Half	1.88	2.68	0.79	(0.80)
2014/1st Half	1.05	0.25	(1.28)	0.80
2015/1st Half	6.23	5.43	3.26	0.80
2016/1st Half	4.03	3.52	0.51	0.51
2017/1st Half	8.21	5.41	3.61	2.80
2018/1st Half	8.85	4.20	2.52	4.65

2004/2nd Half	2.69	5.94	1.60	(3.25)
2005/2nd Half	2.27	5.80	2.57	(3.53)
2006/2nd Half	2.39	4.70	0.90	(2.31)
2007/2nd Half	1.78	4.19	1.38	(2.41)
2008/2nd Half	5.10	6.09	4.60	(0.99)
2009/2nd Half	2.43	1.47	0.51	0.96
2010/2nd Half	5.42	2.25	0.33	3.17
2011/2nd Half	6.42	1.31	0.15	5.11
2012/2nd Half	3.86	4.08	1.75	(0.22)
2013/2nd Half	3.12	0.67	(0.88)	2.45
2014/2nd Half	5.04	3.64	1.79	1.40
2015/2nd Half	6.74	4.23	1.37	2.51
2016/2nd Half	7.90	4.43	2.61	3.47
2017/2nd Half	7.92	5.28	3.45	2.65
2018/2nd Half	9.58	4.91	4.21	4.67

2004/9 M	1.37	4.89	1.37	(3.52)
2005/9 M	1.87	5.27	1.63	(3.40)
2006/9 M	1.90	5.73	2.16	(3.83)
2007/9 M	2.16	5.56	1.95	(3.39)
2008/9 M	4.88	5.57	2.91	(0.68)
2009/9 M	2.09	2.15	0.86	(0.05)
2010/9 M	4.01	2.93	1.39	1.08
2011/9 M	5.57	1.08	(1.22)	4.47
2012/9 M	3.85	4.64	3.07	(0.80)
2013/9 M	2.59	2.13	0.34	0.46
2014/9 M	2.71	1.31	(0.34)	1.39
2015/9 M	6.89	5.26	2.84	1.63
2016/9 M	4.60	3.62	0.95	0.99
2017/9 M	8.46	5.76	3.91	2.70
2018/9 M	10.73	4.50	2.84	6.23

2004	1.87	5.32	1.58	(3.45)
2005	1.86	5.31	1.95	(3.45)
2006	1.64	5.30	1.88	(3.66)
2007	2.12	5.32	1.95	(3.20)
2008	4.57	5.54	3.21	(0.97)
2009	2.29	1.95	0.79	0.34
2010	4.51	2.89	1.10	1.62
2011	5.29	1.17	(0.70)	4.12
2012	3.31	4.21	2.44	(0.91)
2013	2.45	1.67	(0.05)	0.78
2014	3.21	1.95	0.26	1.26