

**MONTHLY SPOT MARKETS SUMMARY**

<b>WEIGHTED AVERAGE PRICES: FEB DELIVERY</b>				
<b>PRICE</b>	<b>DELIVERY MONTH</b>	<b>DEAL TIME FRAME</b>	<b>PRODUCT &amp; LOCATION</b>	<b>CHANGE FROM JAN</b>
\$0.37974	FEB	30 DAY	ETHYLENE MTB-EPC	-\$0.03075
\$0.40037	FEB	45 DAY	ETHYLENE MTB-EPC	-\$0.00308
\$0.38047	FEB	30 DAY	ETHYLENE TEXAS	-\$0.03407
\$0.40618	FEB	45 DAY	ETHYLENE TEXAS	-\$0.00303
\$0.34438	FEB	30 DAY	ETHYLENE CHOCTAW	-\$0.03966
\$0.35796	FEB	45 DAY	ETHYLENE CHOCTAW	-\$0.02608
\$0.34824	FEB	30 DAY	ETHYLENE LOUISIANA	-\$0.03398
\$0.36195	FEB	45 DAY	ETHYLENE LOUISIANA	-\$0.02027
\$0.37126	FEB	30 DAY	ETHYLENE TEXAS/LOUISIANA	-\$0.03230
\$0.39424	FEB	45 DAY	ETHYLENE TEXAS/LOUISIANA	-\$0.00629
\$0.24350	FEB	30 DAY	REFINERY GRADE PROPYLENE MT B PIPE	\$0.00880
\$0.24350	FEB	45 DAY	REFINERY GRADE PROPYLENE MT B PIPE	\$0.00880
\$0.36466	FEB	30 DAY	REFINERY GRADE PROPYLENE ALL TEXAS	\$0.05719
\$0.38424	FEB	45 DAY	REFINERY GRADE PROPYLENE ALL TEXAS	\$0.06214
\$0.61783	FEB	30 DAY	POLYMER GRADE PROPYLENE MT BELVIEU	\$0.07083
\$0.61359	FEB	45 DAY	POLYMER GRADE PROPYLENE MT BELVIEU	\$0.06659
<b>CALENDAR AVERAGE PRICES: FEB 1-28</b>				
<b>PRICE</b>	<b>MONTH</b>	<b>PRODUCT &amp; LOCATION</b>		<b>CHANGE FROM JAN</b>
\$0.38118	FEB	ETHYLENE MONT BELVIEU-EPC (\$/lb)		-\$0.02932
\$0.35257	FEB	ETHYLENE CHOCTAW (\$/lb)		-\$0.03568
\$0.63059	FEB	POLYMER GRADE PROPYLENE MONT BELVIEU (\$/lb)		\$0.08390
\$0.25164	FEB	REFINERY GRADE PROPYLENE MONT BELVIEU (\$/lb)		\$0.01551
\$0.67982	FEB	STYRENE USG (\$/lb)		\$0.05112
\$0.55105	FEB	HDPE BM FOB HOUSTON (\$/lb)		-\$0.00895
\$0.63684	FEB	LLDPE BUTENE FOB HOUSTON (\$/lb)		\$0.03984
\$0.77474	FEB	HoPP RAFFIA FOB HOUSTON (\$/lb)		\$0.06274
\$0.77474	FEB	HoPP INJ FOB HOUSTON (\$/lb)		\$0.06274
\$0.69211	FEB	HDPE BM FOB CHICAGO (\$/lb)		\$0.00061
\$0.72684	FEB	LLDPE BUTENE FOB CHICAGO (\$/lb)		\$0.01634
\$0.89684	FEB	HoPP INJ FOB CHICAGO (\$/lb)		\$0.04484
\$0.72632	FEB	HDPE Blow Mold Divd East of Rockies (\$/lb)		-\$0.00718
\$0.84316	FEB	LDPE Film Divd East of Rockies (\$/lb)		\$0.01316
\$0.74421	FEB	HDPE Inj Divd East of Rockies (\$/lb)		-\$0.00229
\$0.73947	FEB	HMWPE Film Divd East of Rockies (\$/lb)		-\$0.00703
\$0.76579	FEB	LLDPE Film Divd East of Rockies (\$/lb)		\$0.02379
\$0.94053	FEB	HoPP Divd East of Rockies (\$/lb)		\$0.05353
\$0.98474	FEB	CoPP Divd East of Rockies (\$/lb)		\$0.06224
\$0.98000	FEB	GPPS Divd East of Rockies (\$/lb)		\$0.02750
\$1.07421	FEB	HIPS Divd East of Rockies (\$/lb)		\$0.06871
\$0.15532	FEB	ETHANE-BASED ETHYLENE CASH COST (\$/lb)		\$0.00547
\$0.41225	FEB	PROPANE-BASED ETHYLENE CASH COST (\$/lb)		\$0.04693
\$0.39723	FEB	N-BUTANE-BASED ETHYLENE CASH COST (\$/lb)		-\$0.00442
\$0.63817	FEB	NATURAL GASOLINE-BASED ETHYLENE CASH COST (\$/lb)		\$0.03800
\$0.64133	FEB	RGP IMPLIED ALKY VALUE (\$/lb)		\$0.01150



## ETHYLENE SPOT MARKET SUMMARY

FIXED PRICE SUMMARY	DATES	WTD AVE PRICE	VOLUME	DEAL #
MAR DELIVERY MTB-EPC	FEB 16 - FEB 28	\$0.37392	37,000,000	7
MAR DELIVERY TX-OTHER	FEB 16 - FEB 28	\$0.36917	15,000,000	2
<b>MAR DELIVERY TX SUMMARY</b>	<b>FEB 16 - FEB 28</b>	<b>\$0.37255</b>	<b>52,000,000</b>	<b>9</b>
MAR DELIVERY CHOCTAW	FEB 16 - FEB 28	\$0.34500	10,000,000	2
MAR DELIVERY LA-ALL	FEB 16 - FEB 28	\$0.34500	10,000,000	2
<b>MAR DELIVERY TX/LA SUMMARY</b>	<b>FEB 16 - FEB 28</b>	<b>\$0.36810</b>	<b>62,000,000</b>	<b>11</b>
FEB DELIVERY MTB-EPC	FEB 1 - FEB 28	\$0.37974	76,000,000	20
FEB DELIVERY TX-OTHER	FEB 1 - FEB 28	\$0.38667	9,000,000	3
<b>FEB DELIVERY TX SUMMARY</b>	<b>FEB 1 - FEB 28</b>	<b>\$0.38047</b>	<b>85,000,000</b>	<b>23</b>
FEB DELIVERY CHOCTAW	FEB 1 - FEB 28	\$0.34438	24,000,000	5
FEB DELIVERY LA-ALL	FEB 1 - FEB 28	\$0.34824	34,000,000	7
<b>FEB DELIVERY TX/LA SUMMARY</b>	<b>FEB 1 - FEB 28</b>	<b>\$0.37126</b>	<b>119,000,000</b>	<b>30</b>
FEB DELIVERY MTB-EPC	JAN 16 - FEB 28	\$0.40037	139,000,000	37
FEB DELIVERY TX-OTHER	JAN 16 - FEB 28	\$0.42993	34,000,000	6
<b>FEB DELIVERY TX SUMMARY</b>	<b>JAN 16 - FEB 28</b>	<b>\$0.40618</b>	<b>173,000,000</b>	<b>43</b>
FEB DELIVERY CHOCTAW	JAN 16 - FEB 28	\$0.35796	49,000,000	10
FEB DELIVERY LA-ALL	JAN 16 - FEB 28	\$0.36195	64,000,000	13
<b>FEB DELIVERY TX/LA SUMMARY</b>	<b>JAN 16 - FEB 28</b>	<b>\$0.39424</b>	<b>237,000,000</b>	<b>56</b>
JAN DELIVERY MTB-EPC	JAN 1 - JAN 31	\$0.41048	155,500,000	39
JAN DELIVERY TX-OTHER	JAN 1 - JAN 31	\$0.42357	70,000,000	9
<b>JAN DELIVERY TX SUMMARY</b>	<b>JAN 1 - JAN 31</b>	<b>\$0.41455</b>	<b>225,500,000</b>	<b>48</b>
JAN DELIVERY CHOCTAW	JAN 1 - JAN 31	\$0.38403	101,000,000	20
JAN DELIVERY LA-ALL	JAN 1 - JAN 31	\$0.38222	116,000,000	22
<b>JAN DELIVERY TX/LA SUMMARY</b>	<b>JAN 1 - JAN 31</b>	<b>\$0.40357</b>	<b>341,500,000</b>	<b>70</b>
JAN DELIVERY MTB-EPC	DEC 16 - JAN 31	\$0.40345	174,500,000	42
JAN DELIVERY TX-OTHER	DEC 16 - JAN 31	\$0.42357	70,000,000	9
<b>JAN DELIVERY TX SUMMARY</b>	<b>DEC 16 - JAN 31</b>	<b>\$0.40921</b>	<b>244,500,000</b>	<b>51</b>
JAN DELIVERY CHOCTAW	DEC 16 - JAN 31	\$0.38403	101,000,000	20
JAN DELIVERY LA-ALL	DEC 16 - JAN 31	\$0.38222	116,000,000	22
<b>JAN DELIVERY TX/LA SUMMARY</b>	<b>DEC 16 - JAN 31</b>	<b>\$0.40053</b>	<b>360,500,000</b>	<b>73</b>
DEC DELIVERY MTB-EPC	DEC 1 - DEC 31	\$0.30816	34,000,000	6
DEC DELIVERY TX-OTHER	DEC 1 - DEC 31	\$0.33308	65,000,000	7
<b>DEC DELIVERY TX SUMMARY</b>	<b>DEC 1 - DEC 31</b>	<b>\$0.32387</b>	<b>191,500,000</b>	<b>32</b>
DEC DELIVERY CHOCTAW	DEC 1 - DEC 31	\$0.31092	57,000,000	12
DEC DELIVERY LA-ALL	DEC 1 - DEC 31	\$0.30552	72,000,000	13
<b>DEC DELIVERY TX/LA SUMMARY</b>	<b>DEC 1 - DEC 31</b>	<b>\$0.31886</b>	<b>263,500,000</b>	<b>45</b>
DEC DELIVERY MTB-EPC	NOV 16 - DEC 31	\$0.31275	51,000,000	11
DEC DELIVERY TX-OTHER	NOV 16 - DEC 31	\$0.34333	105,000,000	11
<b>DEC DELIVERY TX SUMMARY</b>	<b>NOV 16 - DEC 31</b>	<b>\$0.33082</b>	<b>285,500,000</b>	<b>45</b>
DEC DELIVERY CHOCTAW	NOV 16 - DEC 31	\$0.31092	57,000,000	12
DEC DELIVERY LA-ALL	NOV 16 - DEC 31	\$0.30597	77,000,000	14
<b>DEC DELIVERY TX/LA SUMMARY</b>	<b>NOV 16 - DEC 31</b>	<b>\$0.32554</b>	<b>362,500,000</b>	<b>59</b>

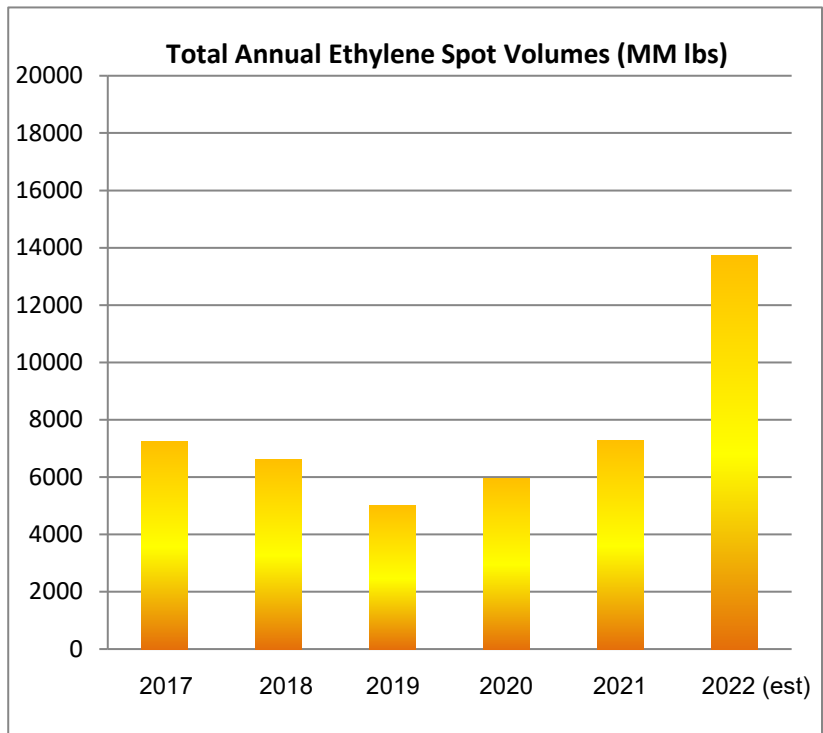
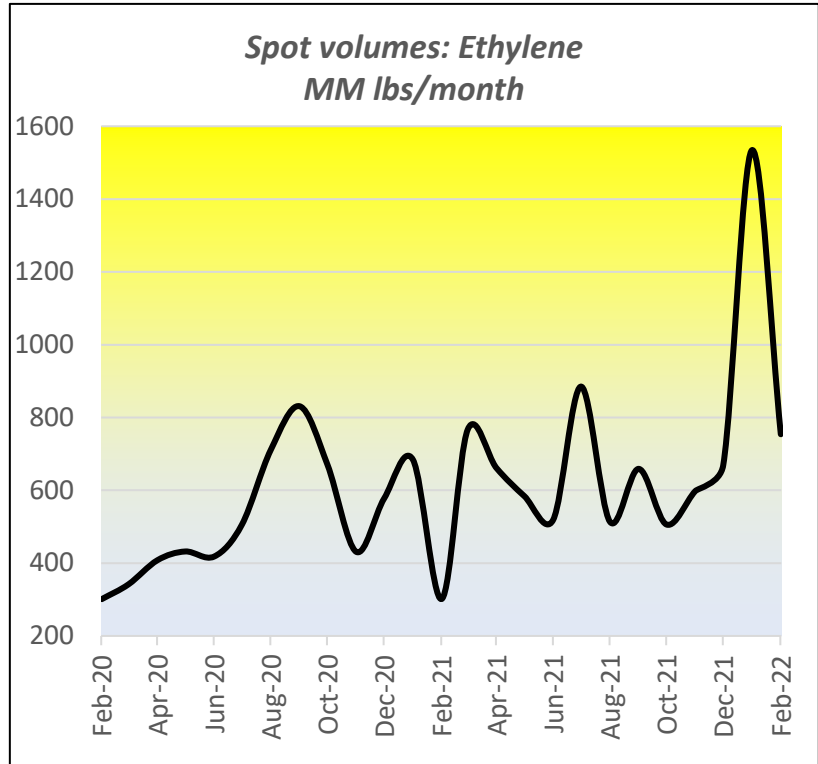


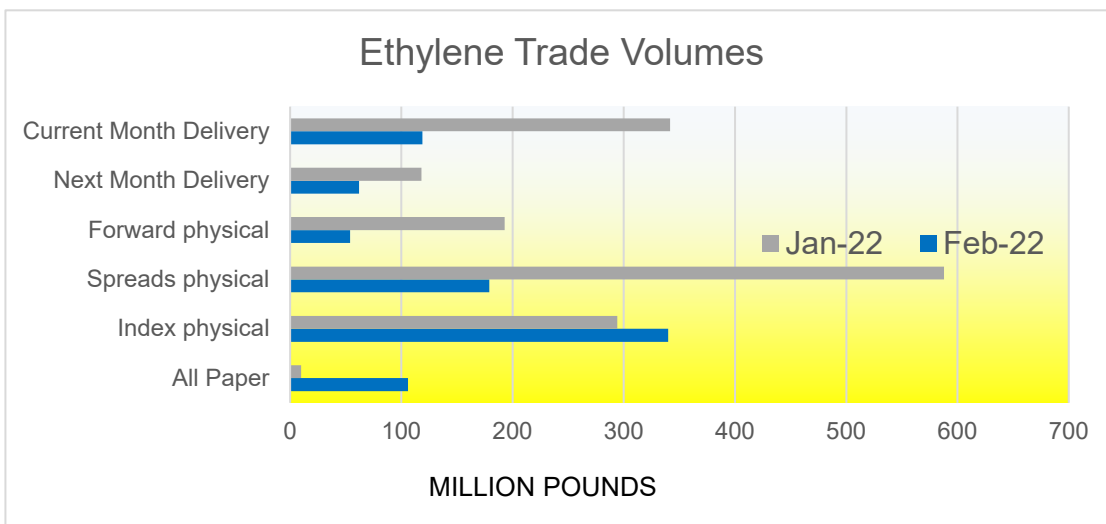
## SPOT ETHYLENE VOLUME SUMMARY

AVG PER MONTH	
2017	602.17
2018	550.81
2019	416.21
2020	497.17
2021	605.71
<b>2022</b>	<b>1144.25</b>

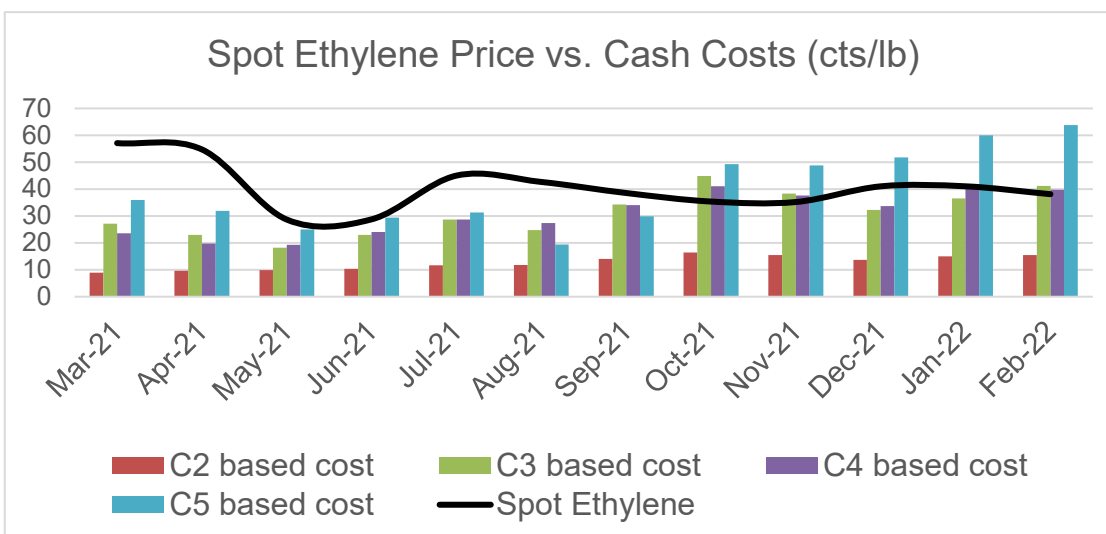
TOTAL VOLUMES	
2017	7226.00
2018	6609.70
2019	4994.50
2020	5966.00
2021	7268.51
<b>2022</b>	<b>13731.00</b> est.

MONTH	MM LBS
Feb-20	301.00
Mar-20	342.00
Apr-20	408.00
May-20	432.00
Jun-20	418.00
Jul-20	506.00
Aug-20	711.00
Sep-20	831.00
Oct-20	670.50
Nov-20	431.00
Dec-20	577.50
Jan-21	684.20
Feb-21	301.50
Mar-21	766.90
Apr-21	661.00
May-21	583.90
Jun-21	519.00
Jul-21	885.00
Aug-21	514.00
Sep-21	659.00
Oct-21	506.00
Nov-21	598.00
Dec-21	668.50
Jan-22	1534.50
<b>Feb-22</b>	<b>754.00</b>





	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
All Paper	18	37.1	29.0	52.1	10.0	106
Index physical	149	97.0	100.0	184.0	294.0	340
Spreads physical	139	95.0	154.0	143.0	588.0	179
Forward physical	48	29.0	56.0	59.0	193.0	54
Next Month Delivery	85	45.0	91.0	19.0	118.0	62
Current Month Delivery	238	240.0	197.0	263.5	341.5	119



	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
Spot Ethylene	38.554	35.381	35.206	41.038	41.050	38.118
C2 based cost	14.109	16.458	15.512	13.660	14.985	15.532
C3 based cost	34.286	44.929	38.369	32.312	36.532	41.225
C4 based cost	34.016	41.031	37.634	33.651	40.165	39.723
C5 based cost	29.931	49.250	48.811	51.755	60.017	63.817

## PGP SPOT MARKET SUMMARY

<b>FIXED PRICE SUMMARY</b>	<b>DATES</b>	<b>WTD AVG PRICE</b>	<b>VOLUME</b>	<b>DEAL #</b>
<b>MAR DELIVERY MTB-EPC</b>	<b>FEB 16 - FEB 28</b>	-	-	-
MAR DELIVERY TX-ALL	FEB 16 - FEB 28	-	-	-
<b>FEB DELIVERY MTB-EPC</b>	<b>FEB 1 - FEB 28</b>	<b>\$0.61783</b>	<b>139,500,000</b>	<b>36</b>
FEB DELIVERY TX-ALL	FEB 1 - FEB 28	\$0.61783	139,500,000	36
<b>FEB DELIVERY MTB-EPC</b>	<b>JAN 16 - FEB 28</b>	<b>\$0.61359</b>	<b>152,500,000</b>	<b>39</b>
FEB DELIVERY TX-ALL	JAN 16 - FEB 28	\$0.61359	152,500,000	39
<b>JAN DELIVERY MTB-EPC</b>	<b>JAN 1 - JAN 31</b>	<b>\$0.54700</b>	<b>226,500,000</b>	<b>55</b>
JAN DELIVERY TX-ALL	JAN 1 - JAN 31	\$0.54700	226,500,000	55
<b>JAN DELIVERY MTB-EPC</b>	<b>DEC 16 - JAN 31</b>	<b>\$0.54700</b>	<b>226,500,000</b>	<b>55</b>
JAN DELIVERY TX-ALL	DEC 16 - JAN 31	\$0.54700	226,500,000	55

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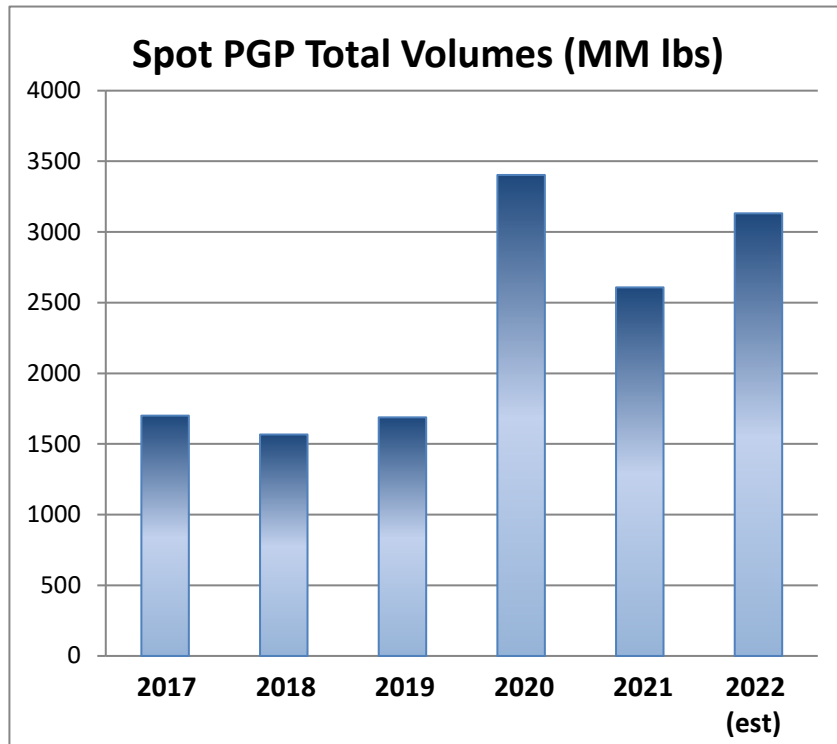
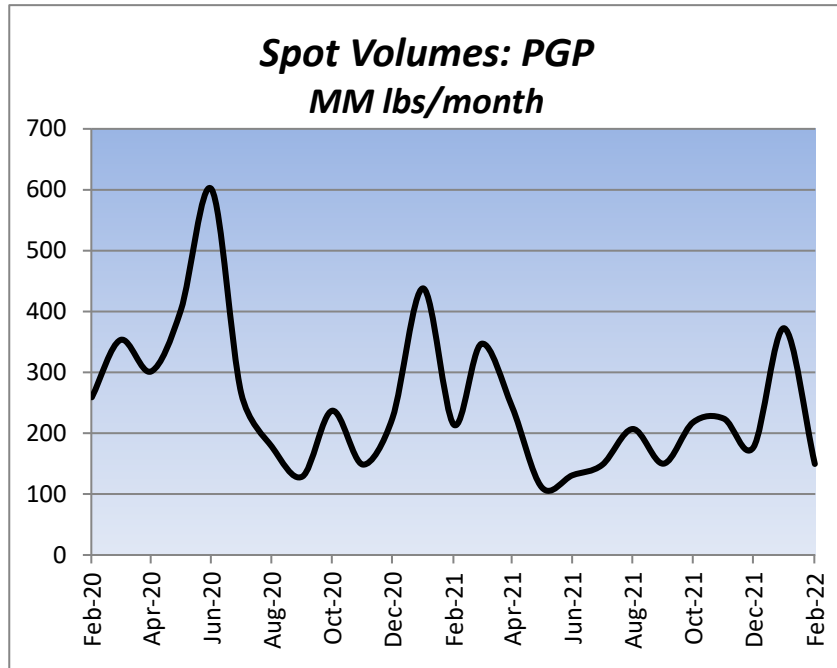


AVG PER MONTH	
2017	141.71
2018	130.58
2019	140.69
2020	283.62
2021	217.33
<b>2022</b>	<b>261.00</b>

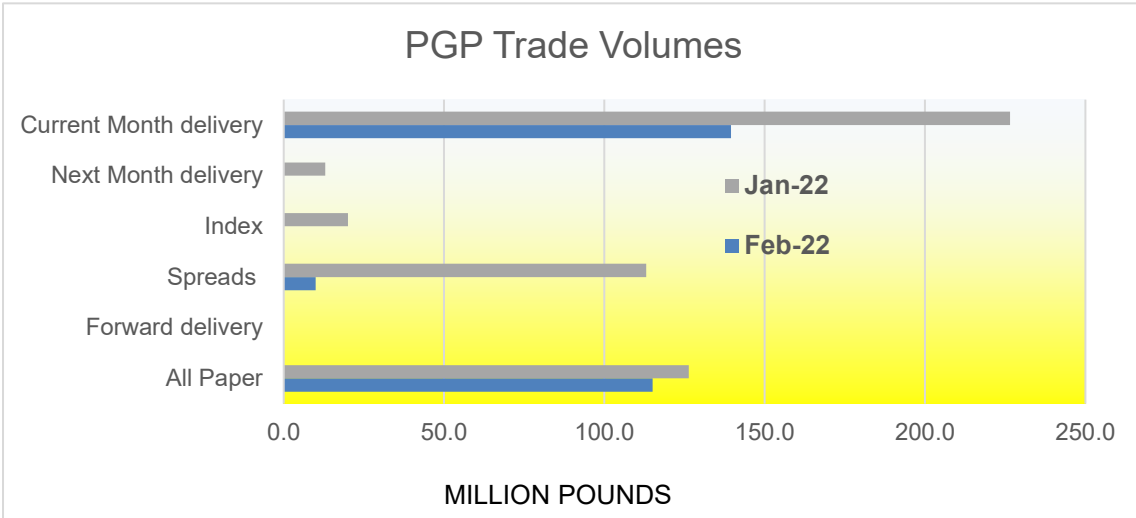
TOTAL VOLUMES	
2017	1700.50
2018	1567.00
2019	1688.30
2020	3403.47
2020	2608.00
<b>2022</b>	<b>3132.00</b>

MONTH	MM LBS
Feb-20	259.00
Mar-20	353.27
Apr-20	301.50
May-20	402.00
Jun-20	601.00
Jul-20	266.00
Aug-20	178.00
Sep-20	129.00
Oct-20	237.00
Nov-20	148.50
Dec-20	225.00
Jan-21	438.00
Feb-21	214.00
Mar-21	347.00
Apr-21	243.00
May-21	111.00
Jun-21	131.00
Jul-21	148.00
Aug-21	207.00
Sep-21	150.00
Oct-21	218.00
Nov-21	224.00
Dec-21	177.00
Jan-22	372.50
<b>Feb-22</b>	<b>149.50</b>

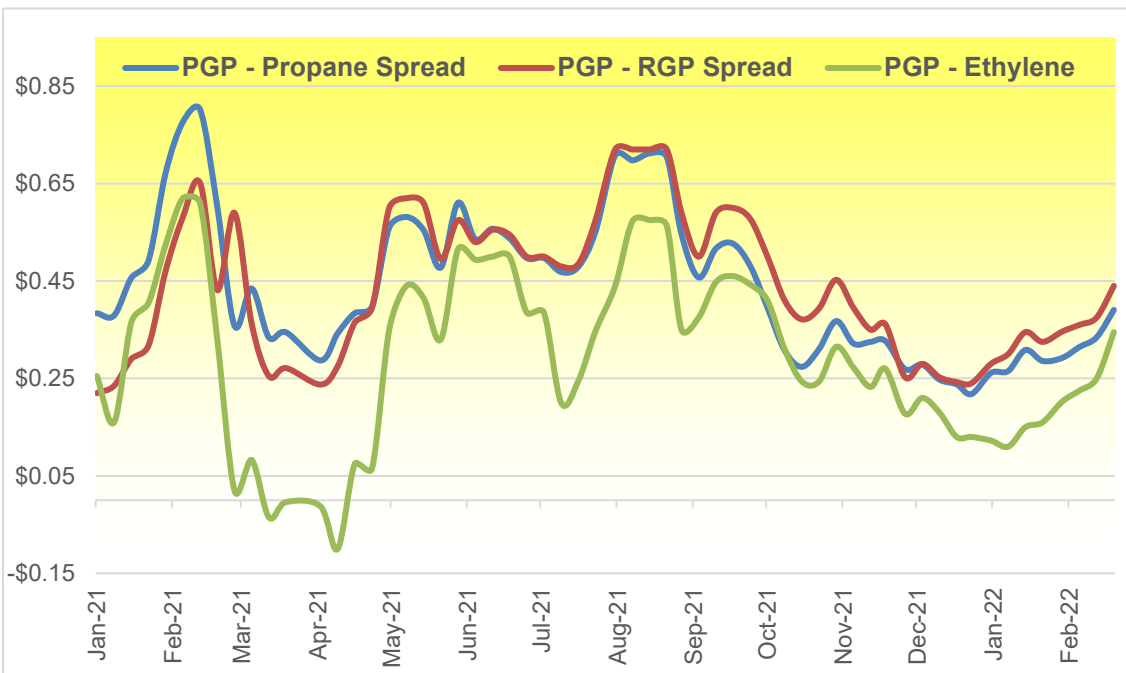
## SPOT PGP VOLUME SUMMARY







	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
All Paper	188	191	291	160	126	115
Forward delivery	9	16	14	8	0	0
Spreads	32	55	48	79	113	10
Index	20	10	28	0	20	0
Next Month delivery	10	15	14	0	13	0
Current Month delivery	79	122	120	90	227	140



## RGP SPOT MARKET SUMMARY

FIXED PRICE SUMMARY	DELIVERY MODE	TRADE DATES	WTD AVG PRICE	VOLUME (BBL)	DEAL #
<b>MAR DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>FEB 16 - FEB 28</b>	-	-	-
MAR DELIVERY TX-ALL	ALL	FEB 16 - FEB 28	\$0.56324	40,400	3
MAR DELIVERY NON-TX	ALL	FEB 16 - FEB 28	-	-	-
MAR DELIVERY TX & NON-TX	ALL	FEB 16 - FEB 28	\$0.56324	40,400	3
<b>FEB DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>FEB 1 - FEB 28</b>	<b>\$0.24350</b>	<b>125,000</b>	<b>5</b>
FEB DELIVERY TX-ALL	ALL	FEB 1 - FEB 28	\$0.36466	229,000	12
FEB DELIVERY NON-TX	ALL	FEB 1 - FEB 28	-	-	-
FEB DELIVERY TX & NON-TX	ALL	FEB 1 - FEB 28	\$0.36466	229,000	12
<b>FEB DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>JAN 16 - FEB 28</b>	<b>\$0.24350</b>	<b>125,000</b>	<b>5</b>
FEB DELIVERY TX-ALL	ALL	JAN 16 - FEB 28	\$0.38424	278,000	15
FEB DELIVERY NON-TX	ALL	JAN 16 - FEB 28	-	-	-
FEB DELIVERY TX & NON-TX	ALL	JAN 16 - FEB 28	\$0.38424	278,000	15
<b>JAN DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>JAN 1 - JAN 31</b>	<b>\$0.23470</b>	<b>210,000</b>	<b>8</b>
JAN DELIVERY TX-ALL	ALL	JAN 1 - JAN 31	\$0.30747	357,000	13
JAN DELIVERY NON-TX	ALL	JAN 1 - JAN 31	-	-	-
JAN DELIVERY TX & NON-TX	ALL	JAN 1 - JAN 31	\$0.30747	357,000	13
<b>JAN DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>DEC 16 - JAN 31</b>	<b>\$0.23470</b>	<b>210,000</b>	<b>8</b>
JAN DELIVERY TX-ALL	ALL	DEC 16 - JAN 31	\$0.32209	424,000	16
JAN DELIVERY NON-TX	ALL	DEC 16 - JAN 31	-	-	-
JAN DELIVERY TX & NON-TX	ALL	DEC 16 - JAN 31	\$0.32209	424,000	16
<b>DEC DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>DEC 1 - DEC 31</b>	<b>\$0.23188</b>	<b>100,000</b>	<b>4</b>
DEC DELIVERY TX-ALL	ALL	DEC 1 - DEC 31	\$0.31722	205,000	9
DEC DELIVERY NON-TX	ALL	DEC 1 - DEC 31	-	-	-
DEC DELIVERY TX & NON-TX	ALL	DEC 1 - DEC 31	\$0.31722	205,000	9
<b>DEC DELIVERY MTB-EPC</b>	<b>PIPE</b>	<b>NOV 16 - DEC 31</b>	<b>\$0.23350</b>	<b>125,000</b>	<b>5</b>
DEC DELIVERY TX-ALL	ALL	NOV 16 - DEC 31	\$0.33573	286,000	13
DEC DELIVERY NON-TX	ALL	NOV 16 - DEC 31	-	-	-
DEC DELIVERY TX & NON-TX	ALL	NOV 16 - DEC 31	\$0.33573	286,000	13

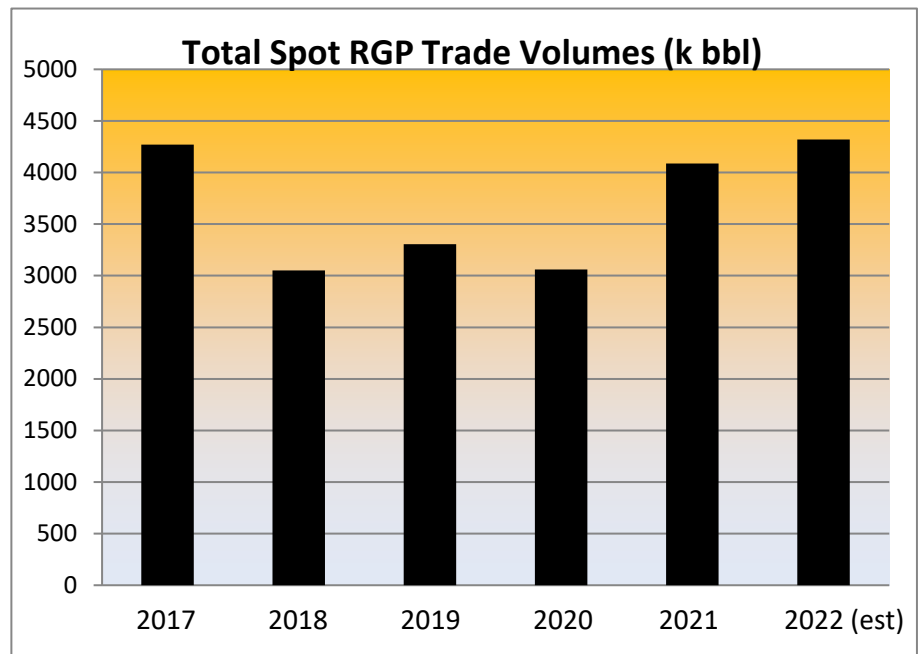
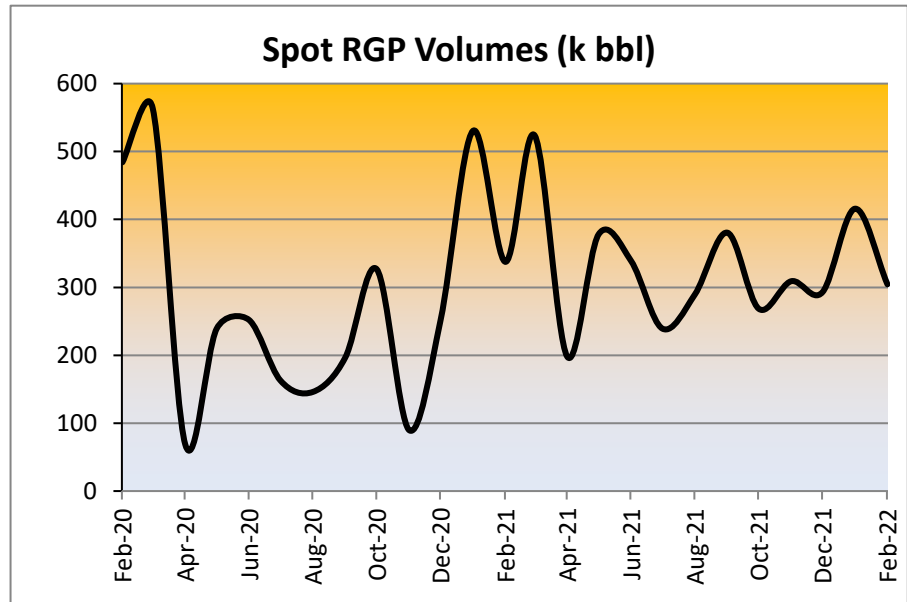


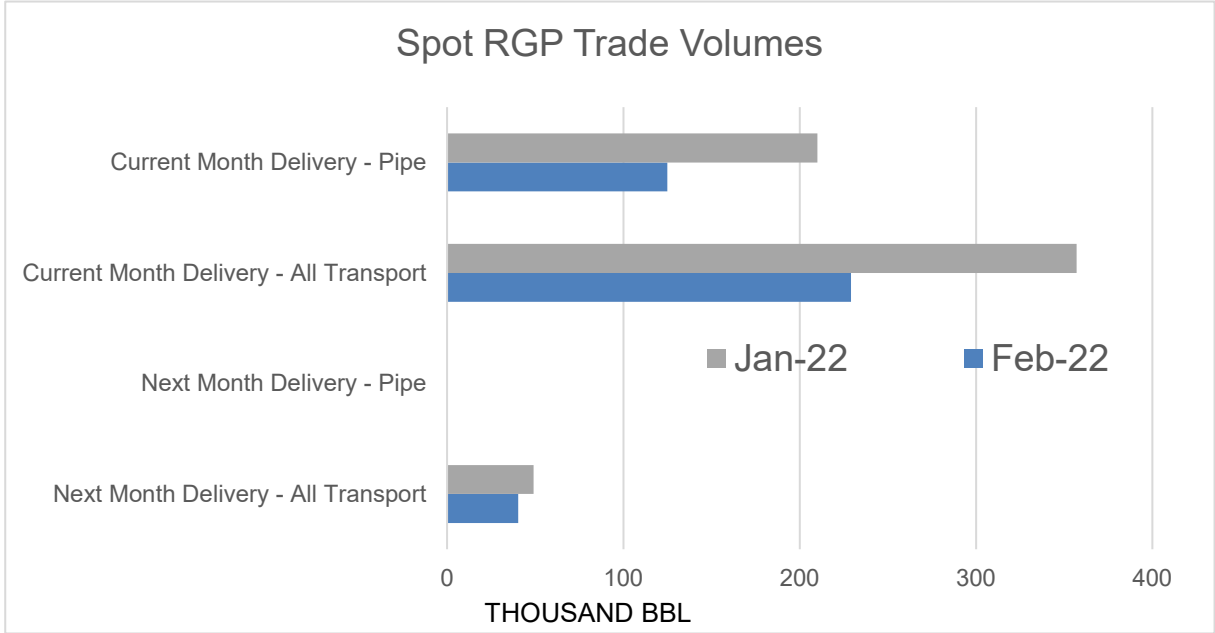
AVG PER MONTH	
2017	355.98
2018	254.25
2019	275.38
2020	255.00
2021	340.52
<b>2022</b>	<b>360.10</b>

TOTAL VOLUMES	
2017	4271.80
2018	3051.05
2019	3304.50
2020	3060.00
2021	4086.20
<b>2022</b>	<b>4321.20</b>

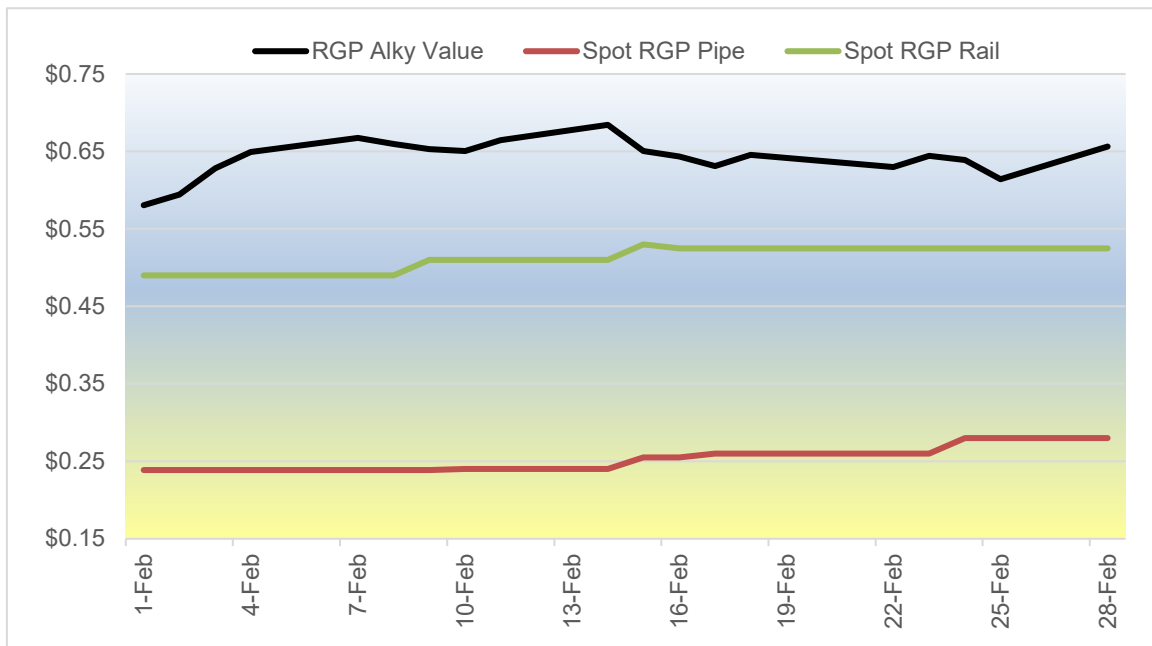
MONTH	000 BBL
Feb-20	484.15
Mar-20	563.40
Apr-20	68.90
May-20	238.90
Jun-20	252.00
Jul-20	162.80
Aug-20	146.00
Sep-20	196.80
Oct-20	326.70
Nov-20	89.70
Dec-20	251.65
Jan-21	530.50
Feb-21	337.50
Mar-21	523.50
Apr-21	198.00
May-21	378.00
Jun-21	339.00
Jul-21	239.20
Aug-21	289.50
Sep-21	380.50
Oct-21	268.50
Nov-21	309.00
Dec-21	293.00
Jan-22	415.80
<b>Feb-22</b>	<b>304.40</b>

## SPOT RGP VOLUME SUMMARY





	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
Next Month Delivery - All Transport	81.5	56.0	81.0	67.0	49.0	40.4
Next Month Delivery - Pipe	50.0	0.0	25.0	0.0	0.0	0.0
Current Month Delivery - All Transport	250.0	212.5	228.0	205.0	357.0	229.0
Current Month Delivery - Pipe	250.0	175.0	125.0	100.0	210.0	125.0



## MONTHLY CALENDAR AVERAGE PRICE HISTORY

	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
<b>HDPE BM FOB Houston</b>	0.63632	0.74870	0.79571	0.78050	0.78000	0.78000	0.78364	0.77476	0.75095	0.70750	0.58952	0.56000	<b>0.55105</b>
<b>LLDPE FOB Houston</b>	0.58842	0.73000	0.73714	0.70450	0.70591	0.70000	0.69818	0.69286	0.67000	0.63550	0.59810	0.59700	<b>0.63684</b>
<b>HoPP Inj FOB Houston</b>	0.93000	1.09174	1.01286	0.99050	1.08227	1.10429	1.16227	1.16476	0.99571	0.95700	0.77810	0.71200	<b>0.77474</b>
<b>HoPP Raff FOB Houston</b>	0.93211	1.09261	1.01286	0.99050	1.08227	1.10429	1.16227	1.16476	0.99571	0.95700	0.77810	0.71200	<b>0.77474</b>
<b>HDPE BM FOB Chicago</b>	0.70421	0.83696	0.86700	0.88200	0.93909	0.98000	0.99000	0.99000	0.94727	0.83200	0.72333	0.69150	<b>0.69211</b>
<b>LLDPE FOB Chicago</b>	0.64895	0.81478	0.84400	0.83600	0.90818	0.93000	0.90773	0.89381	0.85364	0.79250	0.71095	0.71050	<b>0.72684</b>
<b>HoPP FOB Chicago</b>	1.00947	1.19609	1.08650	1.02650	1.13409	1.15238	1.22455	1.27524	1.05955	0.99000	0.87048	0.85200	<b>0.89684</b>
<b>HDPE BM Delivered</b>	0.73921	0.92826	0.94357	0.94900	0.99727	1.03000	1.06500	1.04333	0.98381	0.88175	0.76524	0.73350	<b>0.72632</b>
<b>HDPE Inj Delivered</b>	0.72447	0.92043	0.94214	0.97400	1.09386	1.08690	1.09136	1.04524	0.91119	0.86450	0.77333	0.74650	<b>0.74421</b>
<b>HMWPE Film Delivered</b>	0.71921	0.89043	0.90286	0.87200	0.93364	0.95000	0.93091	0.90857	0.88000	0.83300	0.76857	0.74650	<b>0.73947</b>
<b>LLDPE Delivered</b>	0.67474	0.90087	0.88952	0.87200	0.94091	0.97286	0.94545	0.92143	0.87690	0.82900	0.74810	0.74200	<b>0.76579</b>
<b>LDPE Film Delivered</b>	0.83447	0.96804	0.97905	1.02025	1.09341	1.13810	1.12455	1.07714	1.03381	0.93650	0.84262	0.83000	<b>0.84316</b>
<b>HoPP Delivered</b>	1.04711	1.25804	1.14048	1.10100	1.22864	1.27381	1.32545	1.35810	1.10071	1.05675	0.94429	0.88700	<b>0.94053</b>
<b>CoPP Delivered</b>	1.09895	1.31978	1.24405	1.16425	1.30455	1.34762	1.38909	1.37810	1.20190	1.12000	0.98238	0.92250	<b>0.98474</b>
<b>GPPS Delivered</b>	0.70579	0.96000	1.16190	1.13700	1.02864	0.88714	0.94864	0.98000	0.99571	0.99900	0.96667	0.95250	<b>0.98000</b>
<b>HIPS Delivered</b>	0.76579	1.01000	1.35714	1.33775	1.19273	1.02619	1.08455	1.12857	1.10000	1.10000	1.05952	1.00550	<b>1.07421</b>
<b>Ethylene FOB Mt B</b>	0.40428	0.57109	0.54738	0.36644	0.28778	0.45036	0.42665	0.38554	0.35381	0.35206	0.32143	0.41050	<b>0.38118</b>
<b>PGP FOB Mt B</b>	0.94895	0.60163	0.54292	0.72400	0.78205	0.75333	0.91727	0.82256	0.67077	0.61625	0.48863	0.54669	<b>0.63059</b>
<b>Styrene FOB USG</b>	0.53179	0.80643	0.70462	0.64875	0.53177	0.54067	0.55182	0.59690	0.61695	0.63185	0.57724	0.62870	<b>0.67982</b>

Prices are Calendar Averages, reflecting the arithmetic average of PCW's daily closing prices for the calendar month.

FOB polymer prices are for bulk railcar volumes and do not include freight costs.

Delivered polymer prices are domestic resale prices (distributor selling prices) delivered East of the Rocky Mountains.

Monomer pricing is basis FOB Mont Belvieu for Ethylene and Propylene and FOB US Gulf for Styrene.