



February 28, 2022

14048 Valley Blvd.
P.O. Box 60009
City of Industry, CA 91716-0009
Fax (626) 330-4686
(626) 336-3636

City of Hermosa Beach
Suja Lowenthal, City Manager
1315 Valley Drive
Hermosa Beach, CA 90254

Re: Annual Rate Adjustment to the Maximum Rates

Ms. Lowenthal:

In accordance with our Integrated Solid Waste Management Services Agreement (Agreement) with the City of Hermosa Beach, and pursuant to Article 6 of this Agreement, please accept this letter and enclosed documentation as Athens Services request to adjust the maximum rates for Waste Management services, to be effective July 1, 2022.

The enclosed calculation pages and documentation supporting the rate adjustment factors are consistent with the rate adjustment methods described, and formulas shown, in Article 6, and are subject to review and approval of the City Manager.

Please review and handle the approval and processing of this request to make the rates effective July 1, 2022 and call me at (626) 855-7230 with any questions or to discuss. Thank you in advance for your handling of this matter and we look forward to your response.

Sincerely,

Christian Warner
Vice President of Government Affairs

Enclosure

CC: Doug Krauss, Environmental Programs Manager, City of Hermosa Beach
Michael Leidelmeyer, Division Vice President, Athens Services
Clint Bartlett, Senior Director of Finance, Athens Services

Hermosa Beach

Annual Rate Adjustment Calculation for Carts & Bins

For Rates Effective: July 1, 2022

Step One: Calculate percentage change in indices

Row	Adjustment Factor	Index	A	B	C
			Old Index Value	New Index Value	% Change in Index $\{(\text{Column B} / \text{Column A}) - 1\}$
1	Labor	(1)	145.150	150.375	3.60%
2	Fuel	(2)	64.942	119.123	83.43%
3	Equipment	(3)	151.850	153.197	0.89%
4	Disposal	(4)	266.616	273.901	2.73%
5	All Other	(5)	266.616	273.901	2.73%

Step Two: Determine components

Row	Adjustment Factor	Index	D	E	F
			Cost Factor Category Weighted as a % of Component Total (6)	Percent Change in Index (from Column C)	Total Weighted Change (Column D x E)
6	Labor	(1)	27.19%	3.60%	0.98%
7	Fuel	(2)	2.34%	83.43%	1.95%
8	Equipment	(3)	12.78%	0.89%	0.11%
9	Disposal	(4)	27.33%	2.73%	0.75%
10	All Other	(5)	30.36%	2.73%	0.83%
11	Total		100.00%		4.62%

Step Three: Apply percentage change to rates

Row	Rate Category	G	H	I	J	K	L	M
		Existing Customer Rate (7)	Customer Net Rate of AB 939 Fees (Column G - L)	Total Weighted % Change (Row 11, Column F)	Rate Increase or Decrease (Column H x I)	Adjusted Customer Net Rate (Column H + J)	AB 939 Fee	Adjusted Customer Total Rate (Column K + L)
12	Res service w/96 gal, refuse	\$17.38	\$17.13	4.62%	\$0.79	\$17.92	\$0.25	\$18.17
13	Res service w/64 gal, refuse	\$12.74	\$12.49	4.62%	\$0.58	\$13.07	\$0.25	\$13.32
14	Res service w/32 gal, refuse	\$8.07	\$7.82	4.62%	\$0.36	\$8.18	\$0.25	\$8.43
15	Extra 96 gal refuse cart	\$9.33	\$9.33	4.62%	\$0.43	\$9.76	\$0.00	\$9.76
16	Extra 64 gal refuse cart	\$6.99	\$6.99	4.62%	\$0.32	\$7.31	\$0.00	\$7.31
17	Extra 32 gal refuse cart	\$4.65	\$4.65	4.62%	\$0.21	\$4.86	\$0.00	\$4.86
18	Alternative Residential Rate	\$12.74	\$12.49	4.62%	\$0.58	\$13.07	\$0.25	\$13.32
19	3 cubic yard bin, 1X week	\$161.67	\$158.42	4.62%	\$7.32	\$165.74	\$3.25	\$168.99
20	3 cubic yard bin, 2X week	\$250.47	\$243.97	4.62%	\$11.27	\$255.24	\$6.50	\$261.74
21	3 yard bin, extra pick-up	\$77.33	\$77.33	4.62%	\$3.57	\$80.90	\$0.00	\$80.90
22	Commercial 96 gal cart	\$75.03	\$74.52	4.62%	\$3.44	\$77.96	\$0.51	\$78.47

Step Four: Re-weight cost components

Row	Adjustment Factor	Index	N	O	P	Q	R
			Cost Component Weighting (Column D)	Percent Change in Index (Column E)	Change in Cost Component Weighting (Column N x Column O)	Adjusted Cost Component Weighting (Column N + Column P)	Cost Components Re-weighted to Equal 100% (Column Q Row / Total)
23	Labor	(1)	27.19%	3.60%	0.98%	28.17%	26.93%
24	Fuel	(2)	2.34%	83.43%	1.95%	4.29%	4.10%
25	Equipment	(3)	12.78%	0.89%	0.11%	12.90%	12.33%
26	Disposal	(4)	27.33%	2.73%	0.75%	28.07%	26.83%
27	All Other	(5)	30.36%	2.73%	0.83%	31.19%	29.81%
28	Total		100.00%		4.62%	104.62%	100.00%

(1) Employment costs index CIU20100005200001, Total Compensation, Private Industry, Index Number, Transportation and material moving - average annual change *

(2) Producer Price Index WPU0531, not seasonally adjusted, Fuels and related products and power, natural gas - average annual change *

(3) Producer Price Index, PCU336120336120, Heavy duty truck manufacturing - average annual change *

(4) Consumer Price Index for All Urban Consumers, less food and energy, U.S. city average - average annual change * or 5%, whichever is lower.

(5) Consumer Price Index for All Urban Consumers, less food and energy, U.S. city average - average annual change *

(6) First year based on Section 6.4. After the first adjustment, this column comes from Column O of the previous year's rate adjustment worksheet.

(7) Example rates listed. Adjustment applies to all applicable rate categories.

* See Exhibit 3C.

Hermosa Beach

Annual Rate Adjustment Calculation for Compactor Roll-off & Disposal Rate

For Rates Effective: July 1, 2022

Step One: Calculate percentage change in indices

Row	Adjustment Factor	Index	A Old Index Value	B New Index Value	C % Change in Index ((Column B/Column A) - 1)
1	Service Comp (Pull Rate)				
2	Labor	(1)	145.150	150.375	3.60%
3	Fuel	(2)	64.942	119.123	83.43%
4	Equipment	(3)	151.850	153.197	0.89%
5	All Other	(4)	266.616	273.901	2.73%
6	Refuse Ton	(5)	266.616	273.901	2.73%

Step Two: Determine components

Row	Adjustment Factor	Index	D Cost Component Weighted as a % of Component Total (6)	E Percent Change in Index (from Column C)	F Total Weighted Change (Column D x E)
7	Service Comp (Pull Rate)				
8	Labor	(1)	47.34%	3.60%	1.70%
9	Fuel	(2)	8.96%	83.43%	7.47%
10	Equipment	(3)	13.57%	0.89%	0.12%
11	All Other	(4)	30.13%	2.73%	0.82%
12	Service Comp Total (or 5%)		100.00%		10.12%
13	Refuse Ton	(5)	100.00%	2.73%	2.73%

Step Three: Apply percentage change to rates

Row	Rate Category	G Current Customer Rate	H Customer Rate Net of AB 939 Fees (Column G - L)	I Total Weighted % Change (Column F or 5%)	J Rate Increase or Decrease (Column H x I)	K Adjusted Customer Net Rate (Column H + J)	L AB 939 Fee	M Adjusted Customer Total Rate (Column K + L)
14	Standard Roll-off Box Pull Rate	\$245.56	\$235.56	10.12%	\$23.84	\$259.40	\$10.00	\$269.40
15	30yd Compactor Roll-off Box Pull Rate	\$273.14	\$265.64	10.12%	\$26.89	\$292.53	\$7.50	\$300.03
16	Refuse Ton	(5) \$92.54	\$92.54	2.73%	\$2.53	\$95.07	\$0.00	\$95.07
17	Demurrage Charge	\$13.72	\$13.72	10.12%	\$1.39	\$15.11	\$0.00	\$15.11

Step Four: Re-weight cost components

Row	Adjustment Factor	Index	N Cost Component Weighting (Column D)	O Percent Change in Index (Column E)	P Change in Cost Component Weighting (Column K x Column L)	Q Adjusted Cost Component Weighting (Column K + Column M)	R Cost Components Re-weighted to Equal 100%
18	Labor	(1)	47.34%	3.60%	1.70%	49.05%	44.54%
19	Fuel	(2)	8.96%	83.43%	7.47%	16.43%	14.92%
20	Equipment	(3)	13.57%	0.89%	0.12%	13.69%	12.43%
21	All Other	(4)	30.13%	2.73%	0.82%	30.95%	28.11%
22	Total		100.00%		10.12%	110.12%	100.00%

(1) Employment costs Index CIU20100005200001, Total Compensation, Private Industry, Index Number, Transportation and material moving - avg annual change *

(2) Producer Price Index WPU0531, not seasonally adjusted, Fuels and related products and power, natural gas - average annual change *

(3) Producer Price Index, PCU336120336120, Heavy duty truck manufacturing - average annual change *

(4) Consumer Price Index for All Urban Consumers, less food and energy, U.S. city average - average annual change *

(5) Consumer Price Index for All Urban Consumers, less food and energy, U.S. city average - average annual change * or 5%, whichever is lower.

(6) First year based on Section 6.4. After the first adjustment, this column comes from Column O of the previous year's rate adjustment worksheet.

* See Exhibit 3C.

CITY OF HERMOSA BEACH
MAXIMUM RATES
Effective July 1, 2022 through June 30, 2023

Monthly Residential Cart Service Rates	Net of AB939	AB939	Total Rate
Standard Service includes one refuse cart and one or more recycling carts. Green waste carts are provided on a subscription basis.			
Cart Size:			
Standard Service - based upon refuse cart size			
20-gallon	\$6.97	\$0.25	\$7.22
35-gallon	\$8.18	\$0.25	\$8.43
64-gallon	\$13.07	\$0.25	\$13.32
96-gallon	\$17.92	\$0.25	\$18.17
Additional Refuse Cart - above one			
35-gallon	\$4.86	\$0.00	\$4.86
64-gallon	\$7.31	\$0.00	\$7.31
96-gallon	\$9.76	\$0.00	\$9.76
Each Yard Waste Cart			
35-gallon	\$4.50	\$0.00	\$4.50
64-gallon	\$5.14	\$0.00	\$5.14
96-gallon	\$5.74	\$0.00	\$5.74
Alternative "Can" Service (if carts not feasible) - Equivalent cart rates based on capacity			
Active Military Rate Reduction - above rates reduced by 25%			
Senior Low Income Discount - above rates (excluding 20-gallon rate) reduced by 10%			
Other Cart Rates and Services (Charged in Addition to Monthly Cart Service Rates)			
Walk-out Service - upon request	\$4.86	\$0.00	\$4.86
Walk-out Service - authorized disabled customers	No charge	\$0.00	No charge
Additional Special Overage Pickup for Automated Cart Customer (in excess of six pickups per year)	\$6.09	\$0.00	\$6.09
Additional Bulky Item pickups (in excess of two free pickups per dwelling unit per year)	\$36.56	\$0.00	\$36.56
Cart Exchanges (in excess of free exchanges to be provided)	\$18.29	\$0.00	\$18.29
Returned Check (NSF) Fee (applicable to all customers)	\$26.92	\$0.00	\$26.92
Credit Card Declined Fee (applicable to all customers)	\$26.92	\$0.00	\$26.92
Optional HHW Door-to-Door Collection - per dwelling unit	\$0.54	\$0.00	\$0.54

* Including all City fees, including \$0.25/home/month AB939 fee.

CITY OF HERMOSA BEACH
MAXIMUM RATES
Effective July 1, 2022 through June 30, 2023

Monthly Bin Rates (1)								
Container Size	Pickups per week							Extra
	1.00	2.00	3.00	4.00	5.00	6.00	7.00	Empty
Refuse								
32-gallon cart (2)	\$36.17	\$63.31	\$88.98	\$116.17	\$141.79	\$168.94	\$211.12	\$22.31
64-gallon cart (2)	\$57.32	\$99.67	\$140.51	\$181.33	\$222.18	\$264.52	\$327.84	\$22.31
96-gallon cart (2)	\$78.47	\$131.46	\$184.46	\$237.48	\$290.42	\$343.44	\$396.43	\$22.31
1 yard bin	\$107.18	\$161.25	\$217.04	\$271.19	\$323.64	\$379.42	\$443.47	\$62.93
1.5 yard bin	\$119.31	\$180.59	\$256.80	\$303.15	\$362.79	\$485.40	\$568.28	\$62.93
2 yard bin	\$144.73	\$223.12	\$303.18	\$381.62	\$448.39	\$516.90	\$603.61	\$62.93
3 yard bin	\$168.99	\$261.74	\$352.84	\$445.60	\$536.66	\$627.77	\$737.12	\$80.90
4 yard bin	\$203.22	\$313.63	\$473.74	\$536.11	\$646.52	\$758.57	\$887.20	\$80.90
6 yard bin	\$255.12	\$394.22	\$534.96	\$674.06	\$814.83	\$953.90	\$1,116.24	\$80.90
8 yard bin	\$316.92	\$491.34	\$660.78	\$828.55	\$989.74	\$1,159.15	\$1,358.40	\$95.73
Recycling								
18-gallon cart (3)	\$11.52	n/a						
32-gallon cart (3)	\$17.99	\$31.49	\$44.23	\$57.72	\$70.50	\$84.00	\$106.51	\$11.08
64-gallon cart (3)	\$28.50	\$49.44	\$69.72	\$89.99	\$110.22	\$131.20	\$162.67	\$11.08
96-gallon cart (3)	\$38.98	\$65.23	\$91.48	\$117.70	\$143.95	\$170.20	\$196.42	\$11.08
1 yard bin	\$47.98	\$71.98	\$96.71	\$120.70	\$143.95	\$168.68	\$197.20	\$28.04
1.5 yard bin	\$53.23	\$80.23	\$113.95	\$134.22	\$160.44	\$215.17	\$251.92	\$28.04
2 yard bin	\$64.49	\$98.97	\$134.22	\$168.68	\$197.93	\$227.93	\$266.15	\$28.04
3 yard bin	\$74.97	\$115.49	\$155.18	\$195.69	\$235.44	\$275.13	\$323.11	\$35.82
4 yard bin	\$89.99	\$137.95	\$208.45	\$234.64	\$282.63	\$331.38	\$387.61	\$35.82
Locking Bin Service	\$8.28	\$16.56	\$24.84	\$33.12	\$41.40	\$49.68	\$57.96	
Scout Truck Service	\$17.48	\$34.96	\$52.44	\$69.92	\$87.40	\$104.88	\$122.36	
Bin Push-Out 10-50 FT	\$17.48	\$34.96	\$52.44	\$69.92	\$87.40	\$104.88	\$122.36	
Bin Push-Out 51-100 FT	\$34.94	\$69.88	\$104.82	\$139.76	\$174.70	\$209.64	\$244.58	
Bin Push-Out 101-150 FT	\$52.43	\$104.86	\$157.29	\$209.72	\$262.15	\$314.58	\$367.01	
Bin Push-Out 151+ FT	\$69.89	\$139.78	\$209.67	\$279.56	\$349.45	\$419.34	\$489.23	

- (1) Including all City fees.
- (2) Applicable to businesses. All residential cart customers are charged in accordance with the Residential Cart Service Rates.
- (3) Not applicable to residents with cart refuse service; such customers receive recycling service at no additional charge.

CITY OF HERMOSA BEACH
MAXIMUM RATES
Effective July 1, 2022 through June 30, 2023

Roll-off Box Charges	Net of AB939	AB939	Total Rate
Roll-off Box Service - Pull Plus Dump			
Standard Roll-off Box (any size) - Rate/pull (incl. delivery & re	\$259.40	\$10.00	\$269.40
Compactor roll-off box - Rate per pull			
- 20 yard compactor	\$292.53	\$5.00	\$297.53
- 30 yard compactor	\$292.53	\$7.50	\$300.03
- 40 yard compactor	\$292.53	\$10.00	\$302.53
Compactor Monthly Lease	\$763.34	\$0.00	\$763.34
Per Ton Rate	\$95.07	\$0.00	\$95.07
Per Ton Rate - Pier Compactor Roll-off Only, for composting	\$100.36	\$0.00	\$100.36
Per day rental after 7 days without a pull	\$15.11	\$0.00	\$15.11
Additional Roll-off Box Fees			
Overweight charge (per ton over ten tons/load)	25% of Per Ton Rate		
Dry run/redelivery/return trip/relocation fee)	\$75.59	\$0.00	\$75.59

* Including all City fees, inclusive of AB939 fees.

CITY OF HERMOSA BEACH
MAXIMUM RATES
Effective July 1, 2022 through June 30, 2023

Additional Service Charges	Net of AB939	AB939	Total Rate
Porter Service (total to be shared by affected customers per Sec 4.1.14)	\$8,546.00	\$0.00	\$8,546.00
Commercial Bulky Item Pickup:			
- 1 to 2 items	\$42.44	\$0.00	\$42.44
- 3 to 5 items	\$84.85	\$0.00	\$84.85
- 6 to 10 items	\$169.70	\$0.00	\$169.70
- Each additional item on same pickup	\$42.44	\$0.00	\$42.44
Bin Return Trip / Dry Run Fee	\$77.70	\$0.00	\$77.70
Bin Re-delivery Fee (if bins are pulled for non-payment)	\$69.92	\$0.00	\$69.92
Bin Cleaning (over once per year)	\$62.17	\$0.00	\$62.17
3-yard Temporary Bin			
- Per dump (delivery, disposal and 7-day rental included)	\$153.73	\$0.75	\$154.48
- Rental per day after 7 days without a dump	\$0.00	\$0.00	\$0.00
Special Event Litter Boxes			
- Rate per box	\$7.00	\$0.00	\$7.00
- Rate per box of 200 liners	\$77.70	\$0.00	\$77.70
Emergency Service Rates - one crew and one collection truck	\$132.06	\$0.00	\$132.06

* Including all City fees, inclusive of AB939 fees.

CITY OF HERMOSA BEACH
MAXIMUM RATES
Effective July 1, 2022 through June 30, 2023

Rates for Additional Services	Net of AB939	AB939	Total Rate
All Accounts: Stop Service Charge	\$36.94	\$0.00	\$36.94
All Accounts: Resume Charge	\$36.94	\$0.00	\$36.94
All Accounts: Stand-By Time (each portion of 15 minutes)	\$36.94	\$0.00	\$36.94
All Accounts: Shred Services	\$47.49	\$0.00	\$47.49
Commercial: Bin Excess Waste	\$42.21	\$0.00	\$42.21
Commercial: Bin Excess Weight	\$42.21	\$0.00	\$42.21
Commercial: Bin Delivery	\$58.04	\$0.00	\$58.04
Commercial: Bin Removal	\$58.04	\$0.00	\$58.04
Commercial: Bin Exchange	\$89.71	\$0.00	\$89.71
Commercial: Bin Exchange with Metal Lids	\$121.37	\$0.00	\$121.37
Commercial: Lock Lid One-Time Set-Up (per lock)	\$42.21	\$0.00	\$42.21
Commercial: On-Call Bin Rental	\$89.71	\$0.00	\$89.71
Commercial: Custom Bin Fabrication (per cubic yard)	\$237.46	\$0.00	\$237.46
Compactor: Repair (per hour, plus parts)	\$110.81	\$0.00	\$110.81
Compactor: Wash-Out	\$263.84	\$0.00	\$263.84
Residential: Dead-Run or Go-Back	\$26.39	\$0.00	\$26.39
Residential: Bulky Item Dead-Run or Go-Back	\$42.21	\$0.00	\$42.21
Residential: Compost Bin Delivery	\$44.33	\$0.00	\$44.33
Residential: Worm Bin Delivery	\$86.54	\$0.00	\$86.54
Roll-Off: Plastic Liners	\$42.21	\$0.00	\$42.21
Roll-Off: Roll-Top Monthly Rental	\$58.04	\$0.00	\$58.04
Roll-Off: Box Monthly Rental (permanent accounts)	\$205.80	\$0.00	\$205.80
Roll-Off: Impound of Illegal Box (plus disposal)	\$897.07	\$0.00	\$897.07
Roll-Off: Per Ton Disposal Rate - C&D	\$89.71	\$0.00	\$89.71
Roll-Off: Per Ton Disposal Rate - Wood	\$71.24	\$0.00	\$71.24
Roll-Off: Per Ton Disposal Rate - Organics	\$121.37	\$0.00	\$121.37
Roll-Off: Per Ton Disposal Rate - Concrete	\$89.71	\$0.00	\$89.71
Roll-Off: Per Ton Disposal Rate - Inerts	\$71.24	\$0.00	\$71.24
Storage Box: Delivery	\$142.47	\$0.00	\$142.47
Storage Box: Removal	\$142.47	\$0.00	\$142.47
Temporary Bin: 3 Yard Recycling - Delivery	\$153.03	\$0.00	\$153.03
Temporary Bin: 3 Yard Recycling - Removal/Dump	\$153.03	\$0.00	\$153.03
Temporary Bin: 3 Yard Trash with Scout - Delivery	\$168.86	\$0.00	\$168.86
Temporary Bin: 3 Yard Trash with Scout - Removal/Dump	\$168.86	\$0.00	\$168.86
Temporary Bin: Extra Days (with no dump within one week)	\$12.67	\$0.00	\$12.67
Temporary Bin: Lock Lid One-Time Set-Up (per lock)	\$42.21	\$0.00	\$42.21

Hermosa Beach

Annual Rate Adjustment Calculation for Indices

For Rates Effective: July 1, 2022

Calculated percentage change in indices

Labor

Employment Cost Index, Total Compensation, Private Industry, Index Number, Transportation and Material Moving (CIU20100005200001)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018												143.2	
2019			144.8			145.7			146.9				145.150
2019												148.2	
2020			149.3			150.8			153.2				150.375

Fuel

Producer Price Index - Fuels and related products and power, natural gas (WPU0531)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018										72.6	85.4	81.3	
2019	70.7	59.7	55.4	48.5	59.9	56.3	53.3	64.2	72.0				64.942
2019										68.7	102.3	92.7	
2020	98.0	168.2	110.4	98.8	112.0	113.7	139.2	152.8	172.7				119.123

Equipment

Producer Price Index - Heavy duty truck manufacturing (PCU336120336120)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018										151.1	151.1	151.1	
2019	151.8	151.8	151.8	151.8	151.8	151.8	152.7	152.7	152.7				151.850
2019										152.8	152.8	152.9	
2020	152.9	152.9	153.0	153.2	153.2	153.5	153.5	153.8	153.8				153.197

Disposal

Consumer Price Index - All Urban Consumers, all items less food & energy index, US City average (CUUR0000SA0L1E)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018										265.059	265.108	264.935	
2019	266.004	267.268	267.312	266.089	265.799	266.302	267.703	268.756	269.054				266.616
2019										269.328	269.473	269.226	
2020	269.755	270.696	271.713	273.968	275.893	278.218	279.146	279.507	279.884				273.901

All Other

Consumer Price Index - All Urban Consumers, all items less food & energy index, US City average (CUUR0000SA0L1E)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018										265.059	265.108	264.935	
2019	266.004	267.268	267.312	266.089	265.799	266.302	267.703	268.756	269.054				266.616
2019										269.328	269.473	269.226	
2020	269.755	270.696	271.713	273.968	275.893	278.218	279.146	279.507	279.884				273.901

Employment Cost Index (NAICS) **Original Data Value**

Series Id: CIU2010000520000I
Not seasonally adjusted
Series Title: Total compensation for Private industry workers in Transportation and material moving, Index
Ownership: Private industry workers
Component: Total compensation
Occupation: Transportation and material moving occupations
Industry: All workers
Subcategory: All workers
Area: United States (National)
Periodicity: Index number
Years: 2011 to 2021

Year	Period	Estimate Value	Standard Error
2011	Qtr1	113.0	
2011	Qtr2	114.0	
2011	Qtr3	114.4	
2011	Qtr4	114.9	
2012	Qtr1	115.5	
2012	Qtr2	116.0	
2012	Qtr3	117.0	
2012	Qtr4	117.6	
2013	Qtr1	118.2	
2013	Qtr2	118.6	
2013	Qtr3	119.2	
2013	Qtr4	119.7	
2014	Qtr1	120.4	
2014	Qtr2	121.4	
2014	Qtr3	122.3	
2014	Qtr4	122.4	
2015	Qtr1	123.5	
2015	Qtr2	124.4	
2015	Qtr3	125.1	
2015	Qtr4	125.3	
2016	Qtr1	126.6	
2016	Qtr2	127.5	
2016	Qtr3	128.4	
2016	Qtr4	129.1	
2017	Qtr1	130.6	
2017	Qtr2	131.4	
2017	Qtr3	133.0	
2017	Qtr4	133.4	
2018	Qtr1	135.4	
2018	Qtr2	136.0	
2018	Qtr3	137.4	
2018	Qtr4	137.8	
2019	Qtr1	140.1	
2019	Qtr2	140.7	
2019	Qtr3	142.0	
2019	Qtr4	143.2	
2020	Qtr1	144.8	
2020	Qtr2	145.7	
2020	Qtr3	146.9	
2020	Qtr4	148.2	
2021	Qtr1	149.30	
2021	Qtr2	150.80	
2021	Qtr3	153.20	
2021	Qtr4	155.30	

PPI Commodity Data
Original Data Value

Series Id: WPU0531
Not Seasonally Adjusted
Series Title: PPI Commodity data for Fuels and related products and
Group: Fuels and related products and power
Item: Natural gas
Base Date: 198200
Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2011	179.6	183.0	165.0	178.6	182.4	183.9	184.0	182.5	167.1	158.4	148.3	144.4
2012	132.4	115.3	104.7	92.3	89.4	102.1	115.6	125.9	115.4	126.2	143.5	152.3
2013	143.1	138.2	144.2	163.9	172.2	170.1	155.6	146.8	149.8	149.5	150.0	163.2
2014	180.7	235.1	210.3	194.7	193.4	186.7	179.6	159.5	162.8	160.4	155.1	170.5
2015	127.6	114.7	115.8	101.1	101.0	108.8	109.4	112.1	104.5	99.6	84.6	85.4
2016	93.6	84.0	64.4	70.2	75.0	82.3	113.5	105.9	113.0	114.4	106.0	132.5
2017	156.2	133.0	103.8	120.4	119.8	120.3	115.1	111.8	111.6	108.8	106.6	116.7
2018	112.6	125.5	94.1	96.0	100.1	103.1	105.4	104.0	104.9	108.3	126.0	165.5
2019	126.9	102.4	96.6	84.3	80.2	76.6	74.2	70.6	75.1	72.6	85.4	81.3
2020	70.7	59.7	55.4	48.5	59.9	56.3	53.3	64.2	72.0	68.7	102.3	92.7
2021	98.0	168.2	110.4	98.8	112.0	113.7	139.159	152.782	172.735	216.688	225.028	195.373

PPI Industry Data
Original Data Value

Series Id: PCU336120336120
Series PPI industry data for Heavy duty truck mfg, not seasonally
Title: adjusted
Industry: Heavy duty truck mfg
Product: Heavy duty truck mfg
Base Date: 200312
Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2011	130.4	130.1	130.1	130.1	130.6	130.6	131.3	131.3	131.4	132.5	132.7	132.7
2012	133.6	133.9	133.9	134.4	134.6	134.8	134.7	134.7	134.7	134.7	135.3	135.5
2013	136.1	135.8	135.6	135.2	136.1	136.9	137.1	136.8	136.9	138.0	138.6	138.3
2014	138.8	139.3	139.4	139.1	139.1	139.2	139.1	139.4	139.5	139.7	139.8	139.7
2015	140.7	140.9	141.9	141.9	141.8	141.8	142.3	142.4	142.5	142.6	142.7	142.9
2016	144.3	144.3	144.3	144.7	144.9	144.6	144.7	144.8	145.2	145.0	145.3	145.5
2017	147.9	147.6	147.5	148.2	148.3	147.3	147.6	147.8	147.4	147.0	147.4	147.6
2018	147.7	148.5	148.8	148.5	148.9	148.9	149.3	150.4	150.3	150.4	150.4	150.4
2019	150.6	150.6	150.6	150.6	150.6	150.6	151.2	151.2	151.2	151.1	151.1	151.1
2020	151.8	151.8	151.8	151.8	151.8	151.8	152.7	152.7	152.7	152.8	152.8	152.9
2021	152.9	152.9	153.0	153.2	153.2	153.5	153.5	153.8	153.8	154.0	154.3	154.3

CPI-All Urban Consumers (Current Series)
Original Data Value

Series Id: CUUR0000SA0L1E
Not Seasonally Adjusted
Series Title: All items less food and energy in U.S. city average, all
Area: U.S. city average
Item: All items less food and energy
Base Period: 1982-84=100
Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2011	222.177	223.011	223.690	224.118	224.534	224.891	225.164	225.874	226.289	226.743	226.859	226.740
2012	227.237	227.865	228.735	229.303	229.602	229.879	229.893	230.196	230.780	231.276	231.263	231.033
2013	231.612	232.432	233.052	233.236	233.462	233.640	233.792	234.258	234.782	235.162	235.243	235.000
2014	235.367	236.075	236.913	237.509	238.029	238.157	238.138	238.296	238.841	239.413	239.248	238.775
2015	239.248	240.083	241.067	241.802	242.119	242.354	242.436	242.651	243.359	243.985	244.075	243.779
2016	244.528	245.680	246.358	246.992	247.544	247.794	247.744	248.278	248.731	249.218	249.227	249.134
2017	250.083	251.143	251.290	251.642	251.835	252.014	251.936	252.460	252.941	253.638	253.492	253.558
2018	254.638	255.783	256.610	257.025	257.469	257.697	257.867	258.012	258.429	259.063	259.105	259.083
2019	260.122	261.114	261.836	262.332	262.590	263.177	263.566	264.169	264.522	265.059	265.108	264.935
2020	266.004	267.268	267.312	266.089	265.799	266.302	267.703	268.756	269.054	269.328	269.473	269.226
2021	269.755	270.696	271.713	273.968	275.893	278.218	279.146	279.507	279.884	281.617	282.754	283.908