UNITED STATES SECURITIES AND EXCHANGE COMMISSION

FORM 8-K

Washington, D.C. 20549

	CURRENT REPORT	
	Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934	
Date of Repo	rt (Date of earliest event reported) Febru	uary 21, 2019
	Harsco Corporation	
(E	Exact name of registrant as specified in its charte	er)
Delaware (State or other jurisdiction	001-03970 (Commission File Number)	23-1483991 (IRS Employer Identification No.)
of incorporation)	(Sommestern in Names)	(into Employor radinalidation red.)
	Church Road, Camp Hill, Pennsylvania ess of principal executive offices)	17011 (Zip Code)
Registrant	t's telephone number, including area code: 717 -	-763-7064
(Forme	er name or former address, if changed since last	report)
the following provisions:	K filing is intended to simultaneously satisfy the f	
	to Rule 425 under the Securities Act (17 CFR 23	
	e 14a-12 under the Exchange Act (17 CFR 240.1 ons pursuant to Rule 14d-2(b) under the Exchan	-
	ons pursuant to Rule 13e-4(c) under the Exchange	
	merging growth company as defined in Rule 405 of t	
If an emerging growth company, indicate by check mrevised financial accounting standards provided purs	nark if the registrant has elected not to use the extended uant to Section 13(a) of the Exchange Act. \square	ed transition period for complying with any new or

Item 2.02. Results of Operations and Financial Condition.

On February 21, 2019, Harsco Corporation (the "Company") issued a press release announcing its earnings for the fourth quarter ended December 31, 2018. A copy of the press release is attached hereto as Exhibit 99.1.

This information is being furnished in this report and shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

The following exhibits are furnished as part of the Current Report on Form 8-K:

Exhibit 99.1. Earnings press release dated February 21, 2019.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Harsco Corporation	
	/s/ PETER F. MINAN

February 21, 2019

(Date)

Peter F. Minan Senior Vice President and Chief Financial Officer

Exhibit Index

99.1 Earnings press release dated February 21, 2019

Investor Contact

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FOR IMMEDIATE RELEASE

HARSCO CORPORATION REPORTS FOURTH QUARTER AND FULL-YEAR 2018 RESULTS

- Q4 Operating Income of \$44 Million on GAAP Basis and \$41 Million Excluding Unusual Items; Increased from Operating Income (GAAP and Adjusted) of \$39 Million in Q4 2017
- GAAP Diluted Earnings per Share in Q4 Totaled \$0.55, or \$0.33 After Excluding Unusual Items
- Repurchased \$30 Million of Harsco Shares in Q4; \$45 Million Remaining Under Share Repurchase Program Authorization
- Full-Year 2018 GAAP and Adjusted Operating Income Increased to \$191 Million and \$187 Million, Respectively
- 2019 Adjusted Operating Income Expected to Increase to Between \$200 Million to \$220 Million

CAMP HILL, PA (February 21, 2019) - Harsco Corporation (NYSE: HSC) today reported fourth quarter 2018 and full-year 2018 results. On a U.S. GAAP ("GAAP") basis, fourth quarter of 2018 diluted earnings per share from continuing operations were \$0.55, which included a non-cash adjustment to the Company's deferred tax assets due to the impact of U.S. tax reform, costs incurred to initiate a productivity improvement initiative in Harsco Rail and a quarterly accounting adjustment to the Altek contingent consideration liability. Excluding these items, diluted earnings per share from continuing operations in the fourth quarter of 2018 were \$0.33.

These figures compare with fourth quarter of 2017 GAAP diluted loss per share from continuing operations of \$0.42 and adjusted diluted earnings per share from continuing operations of \$0.20, which excluded expenses incurred to reprice the Company's term loan and a provisional non-cash adjustment to the Company's deferred tax assets resulting from U.S. tax reform.

GAAP operating income from continuing operations for the fourth quarter of 2018 was \$44 million. Excluding unusual items, operating income was \$41 million, compared to the Company's previously provided guidance range of \$39 million to \$44 million.

"2018 marked another year of successful execution against our priorities and we again delivered meaningful financial improvements," said Chairman and CEO Nick Grasberger. "Importantly, each Harsco business contributed to the stronger results, highlighting consistency across our portfolio and the progress we have made on our objective to drive more balanced performance."

"Our business momentum broadened through the year, and we enter 2019 with strong backlogs in Industrial and Rail. We also continue to sign growth contracts and deepen relationships in M&M with new and existing customers, many of whom are increasingly coming to us for value-added environmental solutions. In 2019, we will continue making additional investments to strengthen our capabilities and leadership position in our

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markets, including by pursuing a robust pipeline of growth opportunities. Overall, we are confident in our ability to deliver our third consecutive year of growth in 2019 and to achieve our long-term financial targets."

Harsco Corporation—Selected Fourth Quarter Results

(\$ in millions, except per share amounts)	Q	4 2018	Q4	2017 (1)
Revenues	\$	437	\$	455
Operating income from continuing operations - GAAP	\$	44	\$	39
Operating margin from continuing operations - GAAP		10.0%		8.6%
Diluted EPS from continuing operations - GAAP	\$	0.55	\$	(0.42)
Return on invested capital (TTM) - excluding unusual items		16.1%		11.5%
(1) 2017 figures reflect new pension accounting standard				

Consolidated Fourth Quarter Operating Results

Total revenues were \$437 million, a decrease of 4 percent compared with the prior-year quarter. Revenues increased in the Company's Metals & Minerals and Industrial segments, while revenues in the Rail segment declined as anticipated in the quarter. The fourth quarter of 2018 included revenues of approximately \$4 million related to the Company's multi-year contracts with SBB (federal railway system in Switzerland) versus \$42 million in the comparable 2017 quarter. Also, foreign currency translation negatively impacted fourth quarter 2018 revenues by approximately \$14 million compared with the prior-year quarter.

GAAP operating income from continuing operations was \$44 million, while operating income excluding unusual items was \$41 million for the fourth quarter of 2018. These figures compare with operating income of \$39 million in the same quarter of last year. Operating income in the Company's Metals & Minerals and Industrial segments improved and Corporate spending decreased relative to the prior-year quarter. These positive factors were only partially offset by a decline in operating income within the Rail segment, which again had been anticipated given the comparison to very strong results in the fourth quarter of 2017.

The Company's GAAP and adjusted operating margins in the fourth quarter of 2018 increased to 10.0 percent and 9.4 percent, respectively, versus an operating margin of 8.6 percent in the fourth quarter of 2017.

Harsco Corporation—Selected 2018 Results

(\$ in millions, except per share amounts)	2018	2017 (1)
Revenues	\$ 1,722	\$ 1,607
Operating income from continuing operations - GAAP	\$ 191	\$ 145
Operating margin from continuing operations - GAAP	11.1%	9.0%
Diluted EPS from continuing operations - GAAP	\$ 1.64	\$ 0.09
(1) 2017 figures reflect new pension accounting standard		

Consolidated 2018 Results

Total revenues were \$1.7 billion in 2018, compared with \$1.6 billion in 2017, with the Company's Metals & Minerals and Industrial segments realizing revenue growth during the year. Metals & Minerals' revenues were positively impacted by higher customer steel output and related demand for mill services, new contracts, higher commodity prices, increased Applied Products sales and the Altek Group acquisition. In Industrial, improved demand for all three major product lines led to higher revenues during the year. Meanwhile, Rail revenues declined as a result of lower SBB sales, which totaled \$24 million in 2018 as compared to \$42 million in 2017. Otherwise, Rail revenues in 2018 were consistent with 2017.

GAAP operating income from continuing operations was \$191 million in 2018, while GAAP operating income from continuing operations in 2017 was \$145 million. These figures are \$187 million and \$150 million, respectively, when excluding the unusual items in each of the periods. Financial performance in each segment improved compared with the previous year due to the above factors as well as a more favorable product mix in the Industrial and Rail segments and continuous improvement benefits realized during the year. Also, Corporate costs declined in 2018 relative to 2017.

On a GAAP basis, diluted earnings per share from continuing operations in 2018 was \$1.64, including the fourth quarter items mentioned above as well as Altek Group acquisition costs, a non-cash deferred tax asset valuation allowance adjustment, expenses incurred to amend and reprice the Company's credit facilities and a Metals & Minerals expense accrual reversal. This figure compares with diluted earnings per share in 2017 of \$0.09, which included the fourth quarter 2017 items also noted above and a Metals & Minerals bad debt expense related to a customer that had entered administration in Australia.

Excluding unusual items, adjusted diluted earnings per share from continuing operations increased to \$1.31 in 2018 from \$0.74 in 2017.

Fourth Quarter Business Review

Metals & Minerals

(\$ in millions)	(Q4 2018	Q4 2017 (1)	%Change
Revenues	\$	262	\$ 250	5%
Operating income - GAAP	\$	28	\$ 22	32%
Operating margin - GAAP		10.8%	8.6%	
(1) 2017 figures reflect new pension accounting standard				

Revenues increased 5 percent to \$262 million, mainly as a result of higher service levels and the Altek Group acquisition. These positive factors were partially offset by the impact of foreign currency translation. The segment's operating income in the fourth quarter of 2018 totaled \$28 million, or \$25 million when excluding unusual items in the period. These figures compare with GAAP and adjusted operating income of \$22 million in the prior-year period. The improvement in adjusted operating earnings is attributable to increased services demand and higher contributions from certain Applied Products businesses, partially offset by FX impacts and general and administrative investments (costs) to support the Company's growth strategy. Lastly, the segment's operating margin was 10.8 percent and adjusted operating margin was 9.6 percent in the fourth quarter of 2018, compared with an operating margin of 8.6 percent in the same quarter of 2017.

Industrial

(\$ in millions)	 Q4 2018		Q4 2017 (1)	%Change
Revenues	\$ 105	\$	82	28%
Operating income - GAAP	\$ 14	\$	10	35%
Operating margin - GAAP	13.4%		12.8%	
(1) 2017 figures reflect new pension accounting standard				

Revenues increased 28 percent to \$105 million, due to increased demand and higher product prices. Meanwhile, operating income increased to \$14 million from \$10 million and the segment's operating margin increased to 13.4 percent from 12.8 percent in the comparable quarter last year. These changes are attributable to the improvement in underlying demand and a more favorable product mix, partially offset by higher compensation and commission expenses.

Rail

(\$ in millions)		Q4 2018	Q4 2017 (1)	%Change
Revenues	\$	69	\$ 123	(44)%
Operating income - GAAP	\$	8	\$ 14	(45)%
Operating margin - GAAP		11.2%	11.5%	
(1) 2017 figures reflect new pension accounting standard				

Revenues decreased 44 percent to \$69 million, principally due to lower SBB revenues and other international equipment sales. The segment's operating income (GAAP and adjusted) declined to \$8 million from \$14 million in the prior-year quarter. This change resulted from lower international equipment sales, a less favorable equipment mix and higher engineering and development expenses, partially offset by higher contributions from after-market parts and Protran Technology product sales. Lastly, the segment's GAAP operating margin was little changed at 11.2 percent in the fourth quarter of 2018 (12.1 percent on adjusted basis), compared with 11.5 percent in the same quarter of 2017.

Rail - Operational Improvement Initiative

Harsco Rail has undertaken a number of actions over the past two years to improve manufacturing processes. Recently, the Company decided to consolidate and centralize its principal North American manufacturing and distribution into one facility, allowing for improved efficiency and better service to customers. As a result, operations in Ludington, Michigan will be transferred to a streamlined and expanded facility in Columbia, South Carolina. The capital investment to complete this program and other expenditures began in the second-half of 2018 and will continue through 2019. The annualized manufacturing savings anticipated from this latest action are approximately \$7 million, with a portion of these benefits expected to materialize in the second-half of 2019.

Cash Flow

Net cash provided by operating activities totaled \$97 million in the fourth quarter of 2018, compared with \$94 million in the prior-year period. Further, free cash flow was \$60 million in the fourth quarter of 2018, compared with \$63 million in the prior-year period. The modest change in free cash flow reflects an increase in net capital expenditures compared with the prior-year quarter.

For the full-year, net cash provided by operating activities was \$192 million and free cash flow was \$73 million in 2018. These figures compare to \$177 million and \$93 million respectively in 2017. The full-year change in free cash flow reflects incremental growth capital spending mainly in Metals & Minerals, partially offset by an increase in net cash from operating activities.

2019 Outlook

The Company's 2019 guidance reflects an overall positive outlook across its services and products businesses, supported by positive fundamentals in relevant end markets, strong backlog positions that provide forward visibility in Industrial and Rail, and a robust pipeline of growth opportunities in Metals & Minerals.

For Metals & Minerals, adjusted operating income is expected to increase as higher customer steel output and mill services demand, new site ramp-ups, operational savings and the Altek Group integration are expect to be only partially offset by exited sites, investments to support growth initiatives and foreign exchange translation impacts.

Industrial earnings are projected to increase significantly due to improved demand for heat exchangers, industrial grating and commercial boilers as well as product and market expansions, partially offset by a less favorable product mix and higher benefits and commission expenses.

And in Rail, adjusted operating income is also anticipated to be significantly higher compared with 2018, as a result of increased global demand for equipment, after-market parts and Protran Technology products as well as productivity initiatives. These benefits are expected to be only partially offset by lower contracting contributions, a less favorable product mix as well as R&D and administrative investments (costs) to support the segment's multi-year growth strategy.

Lastly, Corporate spending is expected to increase compared with 2018 due to investments and professional fees.

Key highlights in the Outlook are included below.

Full Year 2019

- GAAP and adjusted operating income for the full year are expected to range from \$192 million to \$212 million and \$200 million to \$220 million, respectively; compared with GAAP operating income of \$191 million and adjusted operating income of \$187 million in 2018.
- GAAP and adjusted diluted earnings per share from continuing operations for the full year are expected in the range of \$1.22 to \$1.40 and \$1.29 to \$1.47, respectively; compared with GAAP diluted earnings per share of \$1.64 and adjusted diluted earnings per share of \$1.31 in 2018.
- Free cash flow is expected in the range of \$50 million to \$70 million including anticipated net capital expenditures of between \$170 million and \$190 million and growth-oriented investments of approximately \$80 million; as a result, free cash flow before growth capital is expected in the range of \$130 million to \$150 million compared with \$104 million in 2018.
- Net interest expense is forecasted to range from \$37 million to \$39 million.
- Non-operating defined benefit pension expense of approximately \$5 million.
- The effective tax rate, excluding any unusual items, is expected to range from 26 percent to 28 percent.
- Adjusted return on invested capital is expected to range from 16.0 percent to 17.0 percent; compared with 16.1 percent in 2018.

Q1 2019

- GAAP and adjusted operating income of \$30 million to \$37 million and \$36 million to \$43 million, respectively; compared with GAAP operating income of \$37 million in the prior-year quarter.
- GAAP and adjusted earnings per share from continuing operations of \$0.15 to \$0.21 and \$0.20 to \$0.26, respectively; compared with GAAP diluted earnings per share of \$0.22 in the prior-year quarter.

Conference Call

The Company will hold a conference call today at 9:00 a.m. Eastern Time to discuss its results and respond to questions from the investment community. The conference call will be broadcast live through the Harsco Corporation website at www.harsco.com. The Company will refer to a slide presentation that accompanies its formal remarks. The slide presentation will be available on the Company's website.

The call can also be accessed by telephone by dialing (800) 611-4920, or (973) 200-3957 for international callers. Enter Conference ID number 60531311. Listeners are advised to dial in at least five minutes prior to the call.

Replays will be available via the Harsco website and also by telephone through March 8, 2019 by dialing (800) 585-8367, (855) 859-2056 or (404) 537-3406.

Forward-Looking Statements

The nature of the Company's business and the many countries in which it operates subject it to changing economic, competitive, regulatory and technological conditions, risks and uncertainties. In accordance with the "safe harbor" provisions of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, the Company provides the following cautionary remarks regarding important factors that, among others, could cause future results to differ materially from the results contemplated by forward-

looking statements, including the expectations and assumptions expressed or implied herein. Forward-looking statements contained herein could include, among other things, statements about management's confidence in and strategies for performance; expectations for new and existing products, technologies and opportunities; and expectations regarding growth, sales, cash flows, and earnings. Forward-looking statements can be identified by the use of such terms as "may," "could," "expect," "anticipate," "intend," "believe," "likely," "estimate," "outlook," "plan" or other comparable terms.

Factors that could cause actual results to differ, perhaps materially, from those implied by forward-looking statements include, but are not limited to: (1) changes in the worldwide business environment in which the Company operates, including general economic conditions; (2) changes in currency exchange rates, interest rates, commodity and fuel costs and capital costs; (3) changes in the performance of equity and bond markets that could affect, among other things, the valuation of the assets in the Company's pension plans and the accounting for pension assets, liabilities and expenses; (4) changes in governmental laws and regulations, including environmental, occupational health and safety, tax and import tariff standards; (5) market and competitive changes, including pricing pressures, market demand and acceptance for new products, services and technologies; (6) the Company's inability or failure to protect its intellectual property rights from infringement in one or more of the many countries in which the Company operates; (7) failure to effectively prevent, detect or recover from breaches in the Company's cybersecurity infrastructure; (8) unforeseen business disruptions in one or more of the many countries in which the Company operates due to political instability, civil disobedience, armed hostilities, public health issues or other calamities; (9) disruptions associated with labor disputes and increased operating costs associated with union organization; (10) the seasonal nature of the Company's business; (11) the Company's ability to successfully enter into new contracts and complete new acquisitions or strategic ventures in the time-frame contemplated, or at all; (12) the integration of the Company's strategic acquisitions; (13) the amount and timing of repurchases of the Company's common stock, if any; (14) the outcome of any disputes with customers, contractors and subcontractors; (15) the financial condition of the Company's customers, including the ability of customers (especially those that may be highly leveraged and those with inadequate liquidity) to maintain their credit availability; (16) implementation of environmental remediation matters; (17) risk and uncertainty associated with intangible assets; and (18) other risk factors listed from time to time in the Company's SEC reports. A further discussion of these, along with other potential risk factors, can be found in Part I, Item 1A, "Risk Factors," of the Company's Annual Report on Form 10-K for the year ended December 31, 2017. The Company cautions that these factors may not be exhaustive and that many of these factors are beyond the Company's ability to control or predict. Accordingly, forward-looking statements should not be relied upon as a prediction of actual results. The Company undertakes no duty to update forward-looking statements except as may be required by law.

About Harsco

Harsco Corporation serves key industries that are fundamental to worldwide economic development, including steel and metals production, railways and energy. Harsco's common stock is a component of the S&P SmallCap 600 Index and the Russell 2000 Index. Additional information can be found at www.harsco.com.

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		Three Mo		Twelve Months Ended December 31				
(In thousands, except per share amounts)		2018	2017			2018		2017
Revenues from continuing operations:								
Service revenues	\$	243,424	\$	243,613	\$	1,007,239	\$	981,672
Product revenues		193,471		211,357		715,141		625,390
Total revenues		436,895		454,970		1,722,380		1,607,062
Costs and expenses from continuing operations:								
Cost of services sold		191,192		193,068		780,930		770,268
Cost of products sold		140,589		157,373		507,807		452,740
Selling, general and administrative expenses		63,383		61,477		238,690		229,792
Research and development expenses		1,171		1,131		5,548		4,227
Other (income) expenses, net		(3,092)		2,912		(1,522)		4,641
Total costs and expenses		393,243		415,961		1,531,453		1,461,668
Operating income from continuing operations	_	43,652		39,009		190,927		145,394
Interest income		506		854		2,155		2,469
Interest expense		(8,907)		(11,372)		(38,148)		(47,552)
Defined benefit pension income (expense)		776		(541)		3,447		(2,595)
Income (loss) on early extinguishment of debt		32		(2,265)		(1,127)		(2,265)
Income from continuing operations before income taxes		36,059		25,685		157,254		95,451
Income tax income (expense)		11,144		(58,046)		(12,899)		(83,803)
Equity income of unconsolidated entities, net		384		_		384		_
Income (loss) from continuing operations		47,587		(32,361)		144,739		11,648
Discontinued operations:	_					<u> </u>		<u> </u>
Income on disposal of discontinued business		632		844		358		306
Income tax expense related to discontinued business		(145)		(303)		(84)		(110)
Income from discontinued operations		487		541		274		196
Net income (loss)	_	48,074	_	(31,820)		145,013		11,844
Less: Net income attributable to noncontrolling interests		(2,161)		(1,584)		(7,956)		(4,022)
Net income (loss) attributable to Harsco Corporation	\$	45,913	\$	(33,404)	\$	137,057	\$	7,822
Amounts attributable to Harsco Corporation common stockholders:	<u>Ψ</u>	40,010	Ψ	(55,404)	Ψ	107,007	Ψ	7,022
Income (loss) from continuing operations, net of tax	\$	45,426	\$	(33,945)	\$	136,783	\$	7,626
Income from discontinued operations, net of tax	Ψ	487	Ψ	541	Ψ	274	Ψ	196
Net income (loss) attributable to Harsco Corporation common				341				130
stockholders	\$	45,913	\$	(33,404)	\$	137,057	\$	7,822
Weighted-average shares of common stock outstanding	_	80,403		80,651	_	80,716	_	80,553
Basic earnings (loss) per common share attributable to Harsco Corporation	on com	•	olders					,
Continuing operations	\$	0.56	\$	(0.42)	\$	1.69	\$	0.09
Discontinued operations		0.01		0.01	•	_		_
Basic earnings (loss) per share attributable to Harsco Corporation	_							
common stockholders	\$	0.57	\$	(0.41)	\$	1.70	(a) \$	0.10
Diluted weighted-average shares of common stock outstanding		83,311		80,651		83,595		82,840
Diluted earnings (loss) per common share attributable to Harsco Corpora	ntion co	mmon stoc	khold	ers:				
Continuing operations	\$	0.55	\$	(0.42)	\$	1.64	\$	0.09
Discontinued operations		0.01		0.01		_		_
Diluted earnings (loss) per share attributable to Harsco Corporation common stockholders	\$	0.55	(a) \$	(0.41)	\$	1.64	\$	0.09
	_		(3)				_	

(In thousands)	December 31 2018	De	ecember 31 2017
ASSETS			
Current assets:			
Cash and cash equivalents	\$ 64,260	\$	62,098
Restricted cash	2,886		4,111
Trade accounts receivable, net	291,213		288,034
Other receivables	54,182		20,224
Inventories	133,111		178,293
Current portion of contract assets	24,254		_
Other current assets	35,128		39,332
Total current assets	605,034	-	592,092
Property, plant and equipment, net	469,900		479,747
Goodwill	411,552		401,758
Intangible assets, net	79,825		38,251
Deferred income tax assets	49,114		51,574
Other assets	17,442		15,263
Total assets	\$ 1,632,867	\$	1,578,685
LIABILITIES		-	
Current liabilities:			
Short-term borrowings	\$ 10,078	\$	8,621
Current maturities of long-term debt	6,489		11,208
Accounts payable	149,410		126,249
Accrued compensation	57,586		60,451
Income taxes payable	2,634		5,106
Insurance liabilities	40,774		11,167
Current portion of advances on contracts	31,317		117,958
Other current liabilities	118,708		133,368
Total current liabilities	416,996		474,128
Long-term debt	585,662		566,794
Insurance liabilities	19,575		22,385
Retirement plan liabilities	213,578		259,367
Advances on contracts	37,675		_
Other liabilities	46,005		40,846
Total liabilities	1,319,491		1,363,520
HARSCO CORPORATION STOCKHOLDERS' EQUITY			
Common stock	141,842		141,110
Additional paid-in capital	190,597		180,201
Accumulated other comprehensive loss	(567,107)		(546,582)
Retained earnings	1,298,752		1,157,801
Treasury stock	(795,821)		(762,079)
Total Harsco Corporation stockholders' equity	268,263		170,451
Noncontrolling interests	45,113		44,714
Total equity	313,376		215,165
Total liabilities and equity	\$ 1,632,867	\$	1,578,685

	i				
December 31 December 31	December 31				
(In thousands) 2018 2017 2018 201	7				
Cash flows from operating activities:					
Net income (loss) \$ 48,074 \$ (31,820) \$ 145,013 \$	11,844				
Adjustments to reconcile net income (loss) to net cash provided by operating activities:					
Depreciation 29,811 30,320 122,135 1	21,839				
Amortization 3,030 2,109 10,650	8,098				
Deferred income tax expense (benefit) (8,518) 55,331 (6,522)	57,349				
Equity in income of unconsolidated entities, net (384) — (384)	_				
Dividends from unconsolidated entities — — 88	93				
Other, net 181 (1,818) 2,666	749				
Changes in assets and liabilities:					
Accounts receivable 12,141 (5,379) (16,881) (32,012)				
Inventories 4,146 49,669 (14,706)	19,557				
Contract assets 7,115 — (3,312)	_				
Accounts payable 800 3,509 18,347	12,554				
Accrued interest payable (139) 151 (154)	438				
Accrued compensation 9,311 10,147 (1,127)	11,126				
Advances on contracts and other customer advances 15,396 (10,277) 3,057	16,811)				
Retirement plan liabilities, net (4,578) (3,410) (33,321) (21,300)				
Other assets and liabilities (19,378) (4,545) (33,527)	3,368				
	76,892				
Cash flows from investing activities:					
· · · · · · · · · · · · · · · · · · ·	98,314)				
Purchases of businesses, net of cash acquired — (56,389)	_				
Proceeds from sales of assets 2,791 2,672 11,887	13,418				
Net proceeds (payments) from settlement of foreign currency forward	,				
	18,429)				
Net cash used by investing activities (25,792) (54,390) (161,143) (1	03,325)				
Cash flows from financing activities:					
Short-term borrowings, net 2,475 3,146 1,932	5,061				
Current maturities and long-term debt:	,				
Additions 700 1,985 128,858	27,985				
	08,280)				
Dividends paid to noncontrolling interests (34) (662) (5,480)	(2,445)				
Sale (purchase) of noncontrolling interests — 477	(3,412)				
Stock-based compensation - Employee taxes paid (45) (81) (3,730)	(1,688)				
Common stock acquired for treasury (30,011) — (30,011)	_				
Deferred financing costs (59) — (596)	(42)				
Other financing activities, net — (524) —	(894)				
	83,715)				
Effect of exchange rate changes on cash and cash equivalents, including					
restricted cash Net increase (decrease) in cash and cash equivalents, including restricted (4,404)	4,478				
cash 2,595 846 937	(5,670)				
Cash and cash equivalents, including restricted cash, at beginning of period 64,551 65,363 66,209	71,879				
Cash and cash equivalents, including restricted cash, at end of period \$ 67,146 \$ 66,209 \$ 67,146 \$	66,209				

HARSCO CORPORATION REVIEW OF OPERATIONS BY SEGMENT (Unaudited)

		Three Months Ended December 31, 2018				Three Months Ended December 31, 2017					
(In thousands)		Revenues		Operating come (Loss)		Revenues		Operating come (Loss)			
Harsco Metals & Minerals	\$	262,380	\$	28,461	\$	249,825	\$	21,528			
Harsco Industrial		105,133		14,115		81,826		10,444			
Harsco Rail		69,382		7,771		123,283		14,153			
Corporate		_		(6,695)		36		(7,116)			
	ф	436,895	\$	42 CE2	\$	454,970	\$	39,009			
Consolidated Totals	\$	450,035	J)	43,652	Φ	434,370	Ψ	33,000			
Consolidated Totals	<u>\$</u>	Twelve Mo	onths	Ended	J	Twelve Mo	onths	Ended			
Consolidated Totals (In thousands)	<u>*</u>	Twelve Mo	onths er 31,	Ended		Twelve Mo	onths er 31,	Ended			
	\$	Twelve Mo	onths er 31,	Ended 2018 Operating	\$	Twelve Mo	onths er 31,	Ended 2017 Operating			
(In thousands)		Twelve Mo Decembe Revenues	onths er 31, In	Ended 2018 Operating come (Loss)	_	Twelve Mo Decembe Revenues	onths er 31,	Ended 2017 Operating acome (Loss)			
(In thousands) Harsco Metals & Minerals		Twelve Mo December Revenues 1,068,304	onths er 31, In	Ended 2018 Operating come (Loss) 121,195	_	Twelve Mo December Revenues 1,011,328	onths er 31,	Ended 2017 Operating (Loss) 102,362			
(In thousands) Harsco Metals & Minerals Harsco Industrial		Twelve Mo Decembe Revenues 1,068,304 374,708	onths er 31, In	Ended 2018 Operating come (Loss) 121,195 54,665	_	Twelve Mo Decembe Revenues 1,011,328 299,592	onths er 31,	Ended 2017 Operating (Loss) 102,362 35,532			

RECONCILIATION OF ADJUSTED DILUTED EARNINGS PER SHARE FROM CONTINUING OPERATIONS EXCLUDING UNUSUAL ITEMS TO DILUTED EARNINGS PER SHARE FROM CONTINUING OPERATIONS AS REPORTED (Unaudited)

	Three Months Ended December 31						Twelve Mor	ths l	Ended
					December 31 December 31				
		2018		2017	-	2	2018		2017
Diluted earnings per share from continuing operations as reported	\$	0.55	\$	(0.42)		\$	1.64	\$	0.09
Harsco Metals & Minerals adjustment to slag disposal accrual (a)		_		_			(0.04)		_
Harsco Metals & Minerals Segment change in fair value to contingent consideration liability (b)		(0.04)		_			(0.04)		_
Altek acquisition costs (c)		_		_			0.01		_
Loss on early extinguishment of debt (d)		_		0.03			0.01		0.03
Harsco Rail Segment improvement initiative costs (e)		0.01		_			0.01		_
Harsco Metals & Minerals Segment bad debt expense (f)		_		_			_		0.06
Taxes on above unusual items (g)		_		(0.01)			(0.01)		(0.02)
Impact of U.S. tax reform on income tax benefit (expense) (h)		(0.18)		0.59			(0.18)		0.59
Deferred tax asset valuation allowance adjustment (i)		_		_			(0.10)		_
Adjusted diluted earnings per share from continuing operations excluding unusual items	\$	0.33 _(j)	\$	0.20 _{(j})	\$	1.31 _(j)	\$	0.74 _(j)

- Harsco Metals & Minerals adjustment to previously accrued amounts related to the disposal of certain slag material in Latin America (Full year 2018 \$3.2 million pre-tax).
- Fair value adjustment to contingent consideration liability related to the acquisition of Altek (Q4 2018 \$3.4 million pre-tax; Full year 2018 \$2.9 million pre-tax). The Company adjusts Operating income and Diluted earnings per share from continuing operations to exclude the impact of the change in fair value to the acquisition-related contingent consideration liability for the Altek acquisition because it believes that the adjustment for this item more closely correlates the reported financial measures with the ordinary and ongoing course of the Company's operations. Costs associated with the acquisition of Altek Europe Holdings Limited and its affiliated entities ("Altek") recorded in the Harsco Metals & Minerals Segment (Full year 2018 \$0.8 million
- pretax) and at Corporate (Full year 2018 \$0.4 million pretax).
- Loss on early extinguishment of debt associated with the amending of the Company's existing Senior Secured Credit Facility in order to reduce the interest rate applicable to the Term Loan Facility (Full year 2018 \$1.0 million pre-tax; Q4 and Full year 2017 \$2.3 million pre-tax).
- Costs associated with a productivity improvement initiative in the Harsco Rail Segment (Q4 and Full year 2018 \$0.6 million pre-tax).
- Bad debt expense incurred in Harsco Metals & Minerals Segment (Full year 2017 \$4.6 million pre-tax).
- Unusual items are tax effected at the global effective tax rate, before discrete items, in effect at the time the unusual item is recorded except for unusual items from countries where no tax benefit can be realized, in which case a zero percent tax rate is used.
- The Company recorded a benefit (expense) as a result of revaluing net deferred tax assets and liabilities as a result of U.S. tax reform (Q4 and Full year 2018 \$15.4 million benefit; Q4 and Full vear 2017 \$48.7 million expense).
- Adjustment of certain existing deferred tax asset valuation allowances as a result of the Altek acquisition (Full year 2018 \$8.3 million).
- Does not total due to rounding.

The Company's management believes Adjusted diluted earnings per share from continuing operations excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

RECONCILIATION OF ADJUSTED DILUTED EARNINGS PER SHARE FROM CONTINUING OPERATIONS EXCLUDING UNUSUAL ITEMS TO DILUTED EARNINGS PER SHARE FROM CONTINUING OPERATIONS (Unaudited)

	Three Mor	ected ths E ch 31	Ending
	20)19	
	Low		High
Diluted earnings per share from continuing operations	\$ 0.15	\$	0.21
Harsco Rail Segment improvement initiative costs and certain professional fees	0.05		0.05
Adjusted diluted earnings per share from continuing operations, excluding unusual items	\$ 0.20	\$	0.26

	Proje	0.07 0.0	U	
		20)19	
		Low		High
Diluted earnings per share from continuing operations	\$	1.22	\$	1.40
Harsco Rail Segment improvement initiative costs and certain professional fees		0.07		0.07
Adjusted diluted earnings per share from continuing operations, excluding unusual items	\$	1.29	\$	1.47

The Company's management believes Adjusted diluted earnings per share from continuing operations, excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

HARSCO CORPORATION REVIEW OF OPERATIONS BY SEGMENT EXCLUDING UNUSUAL ITEMS (Unaudited)

(In thousands)	Met	Harsco als & Minerals	Harsco Industrial		Harsco Rail		Corporate		Consolidated Totals
Three Months Ended December 31, 2018:									
Adjusted operating income (loss), excluding unusual items	\$	25,110	\$ 14,115	\$	8,411	\$	(6,695)	\$	40,941
Revenues as reported	\$	262,380	\$ 105,133	\$	69,382	\$		\$	436,895
Adjusted operating margin (%) excluding unusual items		9.6%	13.4%		12.1%				9.4%
Three Months Ended December 31, 2017:									
Operating income (loss), as reported (a)(b)	\$	21,528	\$ 10,444	\$	14,153	\$	(7,116)	\$	39,009
Revenues as reported	\$	249,825	\$ 81,826	\$	123,283	\$	36	\$	454,970
Adjusted operating margin (%) excluding unusual items		8.6%	12.8%		11.5%				8.6%
Twelve Months Ended December 31, 2018	<u>:</u>								
Adjusted operating income (loss) excluding unusual items	\$	115,786	\$ 54,665	\$	37,981	\$	(21,843)	\$	186,589
Revenues as reported	\$	1,068,304	\$ 374,708	\$	279,294	\$	74	\$	1,722,380
Adjusted operating margin (%) excluding unusual items		10.8%	14.6%		13.6%				10.8%
Twelve Months Ended December 31, 2017	<u>.</u>								
Adjusted operating income (loss), excluding unusual items (b)	\$	106,951	\$ 35,532	\$	32,953	\$	(25,453)	\$	149,983
Revenues as reported	\$	1,011,328	\$ 299,592	\$	295,999	\$	143	\$	1,607,062
Adjusted operating margin (%) excluding unusual items		10.6%	11.9%		11.1%				9.3%

⁽a) No unusual items were excluded in the three months ended December 31, 2017.

The Company's management believes Adjusted operating margin (%) excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

⁽b) On January 1, 2018, the Company adopted changes issued by the Financial Accounting Standards Board related to how employers that sponsor defined benefit pension plans and other postretirement plans present net periodic pension costs ("NPPC") in the statement of operations. Employers are required to report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. Other components of NPPC are required to be presented in the statement of operations separately from the service cost component and outside of the subtotal of income from operations. The amounts presented reflect the adoption of these changes.

RECONCILIATION OF ADJUSTED OPERATING INCOME (LOSS) EXCLUDING UNUSUAL ITEMS BY SEGMENT TO OPERATING INCOME (LOSS) AS REPORTED BY SEGMENT (Unaudited)

(In thousands)	Harsco Metals & Minerals		Harsco Industrial		Harsco Rail Corporate		Corporate		Consolidated Totals
Three Months Ended December 31, 2018:									
Operating income (loss) as reported	\$ 28,461	\$	14,115	\$	7,771	\$	(6,695)	\$	43,652
Harsco Metals & Minerals Segment change in fair value to contingent consideration liability	(3,351)		_		_		_		(3,351)
Harsco Rail Segment improvement initiative costs	_		_		640		_		640
Adjusted operating income (loss), excluding unusual items	\$ 25,110	\$	14,115	\$	8,411	\$	(6,695)	\$	40,941
Revenues as reported	\$ 262,380	\$	105,133	\$	69,382	\$	_	\$	436,895
Three Months Ended December 31, 2017:									
Operating income (loss) as reported (a)(b)	\$ 21,528	\$	10,444	\$	14,153	\$	(7,116)	\$	39,009
Revenues as reported	\$ 249,825	\$	81,826	\$	123,283	\$	36	\$	454,970

(a)No unusual items were excluded in the three months ended December 31, 2017.

The Company's management believes Adjusted operating income (loss) excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

⁽b)On January 1, 2018, the Company adopted changes issued by the Financial Accounting Standards Board related to how employers that sponsor defined benefit pension plans and other postretirement plans present net periodic pension cost ("NPPC") in the statement of operations. Employers are required to report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. Other components of NPPC are required to be presented in the statement of operations separately from the service cost component and outside of the subtotal of income from operations. The amounts presented reflect the adoption of these changes.

RECONCILIATION OF ADJUSTED OPERATING INCOME (LOSS) EXCLUDING UNUSUAL ITEMS BY SEGMENT TO OPERATING INCOME (LOSS) AS REPORTED BY SEGMENT (Unaudited)

(In thousands)	Harsco Metals & Minerals		Harsco Industrial	 Harsco Rail Corporate			(Consolidated Totals
Twelve Months Ended December 31, 2018:								
Operating income (loss) as reported	\$ 121,195	\$	54,665	\$ 37,341	\$	(22,274)	\$	190,927
Harsco Metals & Minerals adjustment to slag disposal accrual	(3,223)		_	_		_		(3,223)
Harsco Metals & Minerals Segment change in fair value to contingent consideration liability	(2,939)		_	_		_		(2,939)
Altek acquisition costs	753		_	_		431		1,184
Harsco Rail Segment restructuring costs	_		_	640		_		640
Adjusted operating income (loss), excluding unusual items	\$ 115,786	\$	54,665	\$ 37,981	\$	(21,843)	\$	186,589
Revenues as reported	\$ 1,068,304	\$	374,708	\$ 279,294	\$	74	\$	1,722,380
Twelve Months Ended December 31, 2017:								
Operating income (loss) as reported (a)	\$ 102,362	\$	35,532	\$ 32,953	\$	(25,453)	\$	145,394
Harsco Metals & Minerals bad debt expense	4,589		_	_		_	\$	4,589
Adjusted operating income (loss), excluding unusual items	\$ 106,951	\$	35,532	\$ 32,953	\$	(25,453)	\$	149,983
Revenues as reported	\$ 1,011,328	\$	299,592	\$ 295,999	\$	143	\$	1,607,062

⁽a) On January 1, 2018, the Company adopted changes issued by the Financial Accounting Standards Board related to how employers that sponsor defined benefit pension plans and other postretirement plans present net periodic pension cost ("NPPC") in the statement of operations. Employers are required to report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. Other components of NPPC are required to be presented in the statement of operations separately from the service cost component and outside of the subtotal of income from operations. The amounts presented reflect the adoption of these changes.

The Company's management believes Adjusted operating income (loss) excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

RECONCILIATION OF ADJUSTED OPERATING INCOME, EXCLUDING UNUSUAL ITEMS TO OPERATING INCOME (Unaudited)

	Three Mon Mar		•
	 20)19	
(In millions)	 Low		High
Operating income	\$ 30	\$	37
Harsco Rail Segment improvement initiative costs and certain professional fees	6		6
Adjusted operating income, excluding unusual items	\$ 36	\$	43

	Proj	ected Twelv Decen		onths Ending 31
		20)19	
(In millions)		Low		High
Operating income	\$	192	\$	212
Harsco Rail Segment improvement initiative costs and certain professional fees.		8		8
Adjusted operating income, excluding unusual items	\$	200	\$	220

The Company's management believes Adjusted operating income, excluding unusual items, which is a non-U.S. GAAP financial measure, is useful to investors because it provides an overall understanding of the Company's historical and future prospects. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

Projected

HARSCO CORPORATION RECONCILIATION OF FREE CASH FLOW TO NET CASH USED BY OPERATING ACTIVITIES (Unaudited)

	Three Months Ended				Twelve Months Ended					
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			31						
(In thousands)		2018		2017	2018		2017			
Net cash used by operating activities	\$	97,008	\$	93,987	\$ 192,022	\$	176,892			
Less capital expenditures		(40,866)		(34,183)	(132,168)		(98,314)			
Plus capital expenditures for strategic ventures (a)		623		433	1,595		865			
Plus total proceeds from sales of assets (b)		2,791		2,672	11,887		13,418			
Free cash flow		59,556		62,909	 73,336		92,861			
Add growth capital expenditures		11,638		5,885	30,655		16,465			
Free cash flow before growth capital expenditures	\$	71,194	\$	68,794	\$ 103,991	\$	109,326			

- (a) Capital expenditures for strategic ventures represent the partner's share of capital expenditures in certain ventures consolidated in the Company's financial statements.
- (b) Asset sales are a normal part of the business model, primarily for the Harsco Metals & Minerals Segment.

The Company's management believes that free cash flow, which is a non-U.S. GAAP financial measure, is meaningful to investors because management reviews cash flows generated from operations less capital expenditures net of asset sales proceeds for planning and performance evaluation purposes. The Company's management also believes that free cash flow before growth capital expenditures, which is a non-U.S. GAAP financial measure, is meaningful to investors because management uses this as a key factor in the deployment of capital for strategic planning purposes. It is important to note that free cash flow and free cash flow before growth capital expenditures do not represent the total residual cash flow available for discretionary expenditures since other non-discretionary expenditures, such as mandatory debt service requirements and settlements of foreign currency forward exchange contracts, are not deducted from these measures. These measures should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

HARSCO CORPORATION RECONCILIATION OF FREE CASH FLOW TO NET CASH PROVIDED BY OPERATING ACTIVITIES (Unaudited)

Projected Twelve Months Ending December 31

	2019							
(In millions)		Low		High				
Net cash provided by operating activities	\$	220	\$	260				
Less capital expenditures		(176)		(194)				
Plus total proceeds from asset sales and capital expenditures for strategic ventures		6		4				
Free cash flow		50		70				
Add growth capital expenditures		80		80				
Free cash flow before growth capital expenditures	\$	130	\$	150				

The Company's management believes that free cash flow, which is a non-U.S. GAAP financial measure, is meaningful to investors because management reviews cash flows generated from operations less capital expenditures net of asset sales proceeds for planning and performance evaluation purposes. The Company's management also believes that free cash flow before growth capital expenditures, which is a non-U.S. GAAP financial measure, is meaningful to investors because management uses this as a key factor in the deployment of capital for strategic planning purposes. It is important to note that free cash flow and free cash flow before growth capital expenditures do not represent the total residual cash flow available for discretionary expenditures since other non-discretionary expenditures, such as mandatory debt service requirements and settlements of foreign currency forward exchange contracts, are not deducted from these measures. These measures should be considered in addition to, rather than as a substitute for, other information provided in accordance with U.S. GAAP.

RECONCILIATION OF RETURN ON INVESTED CAPITAL EXCLUDING UNUSUAL ITEMS TO NET INCOME (LOSS) FROM CONTINUING OPERATIONS AS REPORTED (a) (Unaudited)

		Year Ended	Decen	ecember 31		
(In thousands)		2018		2017		
Income from continuing operations	\$	144,739	\$	11,648		
Unusual items:						
Harsco Metals & Minerals Segment adjustment to slag disposal accrual		(3,223)		_		
Harsco Metals & Minerals Segment change in fair value to contingent consideration liability		(2,939)		_		
Altek acquisition costs		1,184		_		
Harsco Metals & Minerals Segment bad debt expense		_		4,589		
Loss on early extinguishment of debt		1,034		2,265		
Harsco Rail Segment restructuring costs		640		_		
Taxes on above unusual items (b)		(361)		(2,052)		
Impact of U.S. tax reform on income tax benefit		(15,409)		48,680		
Deferred tax asset valuation allowance adjustment		(8,292)		_		
Net income from continuing operations, as adjusted		117,373		65,130		
After-tax interest expense (c)		29,374		29,957		
Net operating profit after tax as adjusted	\$	146,747	\$	95,087		
Average equity	\$	274,164	\$	189,560		
Plus average debt		635,491		638,964		
Average capital	\$	909,655	\$	828,524		
Return on invested capital excluding unusual items		16.1%		11.5%		

a) Return on invested capital excluding unusual items is net income (loss) from continuing operations excluding unusual items, and after-tax interest expense, divided by average capital for the year. The Company uses a trailing twelve month average for computing average capital.

(b) Unusual items are tax effected at the global effective tax rate, before discrete items, in effect at the time the unusual item is recorded except for unusual items from countries where no tax benefit can be realized, in which case a zero percent tax rate is used.

(c) The Company's effective tax rate approximated 37% for the year ended December 31, 2017 and for the year ended December 31, 2018, 23%, on an adjusted basis, for interest expense. The lower rate for 2018 is due to U.S. Tax reform.

The Company's management believes Return on invested capital excluding unusual items, which is a non-U.S. GAAP financial measure, is meaningful in evaluating the efficiency and effectiveness of the capital invested in the Company's business. Exclusion of unusual items permits evaluation and comparison of results for the Company's core business operations, and it is on this basis that management internally assesses the Company's performance. This measure should be considered in addition to, rather than as a substitute for, net income or other information provided in accordance with U.S. GAAP.