

# Sample LIFO-PRO Reports

## For the Period Ended December 31, 2018

Prepared by  
**LIFO-PRO, INC.**

11620 Arbor Street, Suite 100

Omaha, NE 68144

(402) 330-8573

(877) 848-6583 fax

[lifopro@lifopro.com](mailto:lifopro@lifopro.com)

[www.lifopro.com](http://www.lifopro.com)

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# LIFOPro

Software & Turnkey Outsourcing Solutions

# LIFO-PRO Reports Table of Contents

## Standard Reports (for all LIFO methods)

### Current & Prior Period

**Actual Year End LIFO Summary Report (Report 18)** - Shows summary information for each pool and in total for the current and previous year ends (separate reports for each of these years). This report shows the balances necessary to make the LIFO accounting entries. Balances shown include the inventory current year cost (FIFO or average cost), current and cumulative indexes, LIFO inventory, reserve and expense and Sec. 263A costs (if applicable) for each pool.

**LIFO Reserve Calculation Report (Report 18a)** - This is a more detailed version of Report 18 that shows all the steps necessary to calculate all years' LIFO reserves and shows the details of decrement calculations where applicable. This report shows these calculations for all pools and in total for a given year. The bottom section of this report (except where retail LIFO is used) shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect. The latter is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes.

**LIFO Expense Components Report (Report 19)** - This report shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect. The latter is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes. Available in current-period only or all periods format.

### All Periods

**LIFO Inventory History Summary Report (Report 16)** - This is a one page per pool LIFO history carryforward schedule for all years, which includes all data fields involved in the calculation of LIFO balances once the current year index and current year cost (FIFO or average cost) total by pool has been determined. This format shows the amount of the original increment or decrement and the amount of all layers remaining as of the latest year closed. The cumulative inflator indexes for years in which there are decrements is the weighted average index of the layers eroded and is equal to the Priced Increase (Decrease) or decrease in LIFO cost divided by the decrease at base prices. The detail of which years' layers are eroded for decrements is shown in Reports 16a and 18a.

**LIFO Layer History Proof Report (Report 16a)** - This is a one page per pool schedule showing the detail by layer of all decrements and the detail by layer of all layers remaining. This report is a proof of the Report 16 decrement calculations.

**LIFO Inventory History Detail Report (Report 17)** - This is a one page per pool LIFO history for all years which includes all data contained in Report 16 & also shows the remaining balance of all layers for all years.

**LIFO Reserve by Layer Report (Report 15)** - This report shows which years' layers the most recent year end LIFO reserve is attributable to and in what amounts along with the FIFO balance required to erode each layer. The FIFO balance shown for each year is the balance at which that layer begins to be eroded; that layer will be completely eroded (and the LIFO reserve associated with it will be removed) when the next year (following the most recently closed year end) FIFO balance is reduced to the next earliest layer remaining FIFO balance shown in the rightmost column.

## Internal Index Reports

**Internal Index Data Input Report (Report 3)** – This report is primarily used for companies using internal indexes as it serves as the data input screen (Screen 3) for entering the front-end software input values required to complete the LIFO calculation. The blue-shaded fields are the front-end input values entered by software users and serves as a source document for the variables used to complete the back-end of the LIFO calculation. This report automatically updates the LIFO expense, reserve, inventory & expense/income component fields shown to the right of the current period index columns after the blue-shaded input value fields have been entered. This report & screen is also used for external index users wishing to perform interim estimates using current period inventory balances, a user-defined BLS index period range & the product mix used for the last period closed (prior period).

## External Index Reports (IPIC LIFO CPI/PPI)

**IPIC LIFO Calculation Summary Report (Report 23S)** - This is a summary report by pool and in total showing the IPIC method pool indexes for the current year as well as the prior and current year cumulative indexes, FIFO and LIFO inventory balances, LIFO reserve, and LIFO expense.

**IPIC LIFO Index Calculation Report (Report 23)** - This shows the details of the pool index calculations using Harmonic Mean Weighting specified in the IRS Regulations.

**IPIC LIFO Index by PPI Code Report (Report 24)** - This report shows the current and prior year inflation indexes and calculation of current year inflation index for all PPI categories.

**Replaced & Discontinued PPI Codes Report (Report 25)** - This report shows the PPI categories assigned to inventory balances on the Excel input schedule which have been discontinued or recoded. Separate sections are printed for: 1) Categories that replacements were automatically made by the LIFO-PRO software 2) Categories that replacements will be made for future periods based on when the categories were discontinued.

**IPIC 5% Method Proof Report (Report 26)** - Shows which of the 8 CPI or 15 PPI BLS Major Category or Commodity Groups are to be LIFO pools based on inclusion of 5% or more of total inventory per IRS Reg. Sec. 1.472-8(c)(2) for establishing pools.

**IPIC Data Input Sheet** – This is the source document for external index calculations as it shows the Excel file imported into the software containing BLS categories & inventory balances.

## Other Reports

**Consolidated Reports for Multiple/Separate Entities or Locations** – Used for the following:

- Companies needing to combine the results of separate LIFO calculations made for multiple entities or locations for financial statement or tax purposes
- Companies needing to combine the results of separate financial reporting (book) & tax LIFO calculations in order to compute deferred tax asset/liability balances and/or schedule M items

**LIFO Projections Report (Report 1)** - This shows the **next year** LIFO expense (income) amounts that would result from the range of year end inventory current year cost (FIFO or average cost) balances shown in the leftmost column and the range of inflation indexes shown on the sixth row.

**UNICAP Reports** – Shows balances before & including §263A UNICAP costs with user-inputted absorption ratios. UNICAP costs are included in Reports 16, 16a, 17, 18 & 18a.

## Current Year End LIFO Calculation Summary Report (Report 18)

HVAC Equip & Supplies Wholesaler

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ACTUAL YEAR-END LIFO SUMMARY EXCLUDING UNICAP COSTS REPORT 18

12/31/2018

POOL NO.	POOL NAME	12/31/2018		CUMLTV	CUMLTV	12/31/2018		12/31/2017	12/31/2018
		CURRENT YEAR COST	DEFLATOR INDEX	DEFLATOR INDEX	INFLATOR INDEX	LIFO INVENTORY	LIFO RESERVE	LIFO RESERVE	LIFO EXPENSE
1	Chemicals and allied products(06)	1,158,892	1.012672	1.616186	E 1.616186	805,670	353,222	338,720	14,502
2	Metal and metal products(10)	29,359,510	1.046404	1.654731	E 1.654731	19,701,784	9,657,726	8,355,744	1,301,983
3	Machinery and equipment(11)	33,531,598	1.049501	1.663731	E 1.663731	22,338,036	11,193,561	9,612,004	1,581,558
	Totals	64,050,000	1.047391			42,845,491	21,204,509	18,306,467	2,898,042

**This report shows summary information for each pool and in total for the current and previous year ends (separate reports for each of these years). This report shows the balances necessary to make the LIFO accounting entries. Balances shown include the inventory current year cost (FIFO or average cost), current and cumulative indexes, LIFO inventory, reserve and expense and Sec. 263A costs (if applicable) for each pool.**

## Prior Year End LIFO Calculation Summary Report (Report 18)

HVAC Equip & Supplies Wholesaler

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ACTUAL YEAR-END LIFO SUMMARY EXCLUDING UNICAP COSTS REPORT 18

12/31/2017

POOL NO.	POOL NAME	CURRENT YEAR COST	12/31/2017	CUMLTV	CUMLTV	LIFO INVENTORY	12/31/2017	12/31/2016	12/31/2017
			DEFLATOR INDEX	DEFLATOR INDEX	INFLATOR INDEX		LIFO RESERVE	LIFO RESERVE	LIFO EXPENSE
1	Chemicals and allied products(06)	1,158,892	1.029652	1.595962	1.595962	820,172	338,720	310,731	27,989
2	Metal and metal products(10)	29,359,510	1.020225	1.581350	1.581350	21,003,767	8,355,744	7,872,092	483,651
3	Machinery and equipment(11)	33,531,598	1.022747	1.585259	1.585259	23,919,594	9,612,004	8,990,744	621,260
	Totals	64,050,000	1.021713			45,743,533	18,306,467	17,173,567	1,132,901

## LIFO Reserve Calculation Report (Report 18a)

HVAC Equip & Supplies Wholesaler  
**CALCULATION OF LIFO RESERVE REPORT 18a**  
**12/31/2018**

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Pool number			1	2	3	
Pool name	Row	Formula/Source	Chemicals and allied products(06)	Metal and metal products(10)	Machinery and equipment(11)	TOTALS/AVG.
Current-year cost	7	Inventory total	1,158,892	29,359,510	33,531,598	64,050,000
Current year deflator index	8	Pool index calculated	1.012672	1.046404	1.049501	1.047391
Prior year cumulative deflator index	9	Layer history Report 16	1.595962	1.581350	1.585259	
Current year cumulative deflator index	10	Row 8 times Row 9	1.616186	1.654731	1.663731	
Current year inventory at base	11	Row 7 divided by Row 10	717,054	17,742,771	20,154,462	38,614,287
Prior year inventory at base	12	Layer history Report 16	726,140	18,566,107	21,152,127	40,444,375
Increase(decrease) at base	13	Row 11 minus Row 12	-9,087	-823,336	-997,665	-1,830,088
Current year cumulative inflator index	14	Same as Row 10 for increment	n/a	n/a	n/a	
Increase(decrease) in LIFO cost	15	Row 28	-14,502	-1,301,983	-1,581,558	-2,898,042
Prior year LIFO inventory	16	Layer history Report 16	820,172	21,003,767	23,919,594	45,743,533
Current year LIFO inventory	17	Row 15 plus Row 16	805,670	19,701,784	22,338,036	42,845,491
Current year LIFO reserve	18	Row 7 minus Row 17	353,222	9,657,726	11,193,561	21,204,509
Prior year LIFO reserve	19	Layer history Report 16	338,720	8,355,744	9,612,004	18,306,467
Current year LIFO expense(income)	20	Row 18 minus Row 19	14,502	1,301,983	1,581,558	2,898,042
<b>Detail of decrements calculation:</b>						
Decrease at base by year:	23					
	24	Report 16a	-9,087 17	-823,336 17	-997,665 17	
Cumulative inflator indexes for decrease	25					
	26	Report 16a	1.595962 17	1.581350 17	1.585259 17	
Decrease at LIFO cost by year:	27					
	28	Report 16a	-14,502 17	-1,301,983 17	-1,581,558 17	
<b>Proof of current year LIFO expense(income):</b>						
Current year inflation(deflation)	30	Row 8 minus one as a percentage	1.27%	4.64%	4.95%	4.74%
Prior year current-year cost	31	Layer history Report 16	1,158,892	29,359,510	33,531,598	64,050,000
C/Y expense(income) due to inflation	32	Row 30 times Row 31	14,686	1,362,400	1,659,846	3,036,932
C/Y cum. def. index minus avg. index of layers eroded	33	Row 10 - Row 26 (pools w/decr only)	.020224	.073381	.078472	
Expense(income) due to layer erosions	34	Row 13 * Row 33 (pools w/decr only)	-184	-60,417	-78,289	-138,890
Total current year LIFO expense(income)	35	Row 32 plus Row 34(ties to Row 20)	14,502	1,301,983	1,581,558	2,898,042

This is a more detailed version of Report 18 that shows all the steps necessary to calculate all years' LIFO reserves and shows the details of decrement calculations where applicable. This report shows these calculations for all pools and in total for a given year. The bottom section of this report (except where retail LIFO is used) shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect. The latter is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes.

## LIFO Expense Components Report (Report 19)

HVAC Equip & Supplies Wholesaler

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**BREAKDOWN OF LIFO EXPENSE COMPONENTS REPORT 19**

**ALL POOLS**

Data path:Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLESALER\LPSW\_Data\_Files\

YEAR	INFLATION EFFECT	LAYER EROSION EFFECT	TOTAL LIFO EXPENSE
12/31/1999	0	0	0
12/31/2000	12,182,495	-2,093,446	10,089,049
12/31/2001	2,017,925	-869,681	1,148,244
12/31/2002	2,497,252	-1,082,904	1,414,348
12/31/2003	1,725,222	-1,013,225	711,997
12/31/2004	3,741,832	-1,678,458	2,063,373
12/31/2005	19	-734,625	-734,606
12/31/2006	0	-699,638	-699,638
12/31/2007	0	-365,001	-365,001
12/31/2008	9,161,861	-3,014,675	6,147,187
12/31/2009	-746,232	-666,093	-1,412,325
12/31/2010	1,080,177	-1,286,575	-206,398
12/31/2011	-1,344,903	-373,586	-1,718,489
12/31/2012	-657,492	-548,354	-1,205,846
12/31/2013	47	0	47
12/31/2014	1,002,032	-331,875	670,157
12/31/2015	623,610	0	623,610
12/31/2016	647,858	0	647,858
12/31/2017	1,132,901	0	1,132,901
12/31/2018	3,036,932	-138,890	2,898,042
TOTAL	36,101,535	-14,897,026	21,204,509

**This report shows the breakdown of the LIFO expense or income components between the inflation index effect and the layer erosion effect. The latter is the pre-tax amount that is required by GAAP to be disclosed in the notes to the financial statements (if material) for financial reporting purposes. Available in current-period only or all periods format.**

## LIFO Expense Components Report (Report 19)

HVAC Equip & Supplies Wholesaler

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BREAKDOWN OF LIFO EXPENSE COMPONENTS REPORT 19

LIFO SUMMARY FOR 12/31/2018

Data path:Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLESALE\LPSW\_Data\_Files\

-----POOL-----		LAYER		TOTAL
NO.	NAME	INFLATION EFFECT	EROSION EFFECT	LIFO EXPENSE
1	Chemicals and allied products(06)	14,686	-184	14,502 E
2	Metal and metal products(10)	1,362,400	-60,417	1,301,983 E
3	Machinery and equipment(11)	1,659,846	-78,289	1,581,558 E
	TOTAL	3,036,932	-138,890	2,898,042

E-Layer erosion.



## LIFO Inventory History Summary Report (Report 16)

HVAC Equip & Supplies Wholesaler

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**LIFO INVENTORY HISTORY SCHEDULE REPORT 16**

Pool: 1 Chemicals and allied products(06) Data path:Y:\LIFOPRO1\Sample\_HVAC\_Wholesaler\LPSW\_Data\_Files\

PERIOD	CUR. YR.		CUMLTV.		INVENTORY		INC(DEC)		CUMLTV.		LAYER AT BASE	LAYER AT COST
	CURRENT YEAR COST	DEFLATOR INDEX	DEFLATOR INDEX	AT BASE PRICES	AT BASE PRICES	INFLATOR INDEX	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE		
12/31/1999	1,602,354	1.000000	1.000000	1,602,354	1,602,354	1.000000	1,602,354	1,602,354	0	0	564,167	564,167
12/31/2000	1,526,051	1.149997	1.149997	1,327,004	-275,349	1.000000	-275,349	1,327,004	199,047	199,047	0	0
12/31/2001	1,453,382	1.026088	1.179998	1,231,682	-95,323	1.000000	-95,323	1,231,682	221,700	22,654	0	0
12/31/2002	1,384,173	1.033899	1.219999	1,134,569	-97,112	1.000000	-97,112	1,134,569	249,604	27,904	0	0
12/31/2003	1,318,260	1.024590	1.249999	1,054,609	-79,960	1.000000	-79,960	1,054,609	263,651	14,047	0	0
12/31/2004	1,255,486	1.056000	1.319999	951,127	-103,483	1.000000	-103,483	951,127	304,359	40,708	0	0
12/31/2005	1,195,701	1.000000	1.319999	905,835	-45,292	1.000000	-45,292	905,835	289,866	-14,493	0	0
12/31/2006	1,138,763	1.000000	1.319999	862,700	-43,135	1.000000	-43,135	862,700	276,063	-13,803	0	0
12/31/2007	1,084,536	1.000000	1.319999	821,619	-41,081	1.000000	-41,081	821,619	262,917	-13,146	0	0
12/31/2008	1,032,891	1.159092	1.530000	675,092	-146,526	1.000000	-146,526	675,092	357,799	94,882	0	0
12/31/2009	983,706	.986928	1.510000	651,461	-23,631	1.000000	-23,631	651,461	332,245	-25,554	0	0
12/31/2010	936,863	1.019868	1.540001	608,352	-43,109	1.000000	-43,109	608,352	328,511	-3,734	0	0
12/31/2011	892,251	.974026	1.500001	594,833	-13,519	1.000000	-13,519	594,833	297,417	-31,094	0	0
12/31/2012	849,762	.986667	1.480001	574,163	-20,670	1.000000	-20,670	574,163	275,599	-21,818	0	0
12/31/2013	894,487	1.000001	1.480003	604,382	30,219	1.480003	44,723	618,887	275,600	1	0	0
12/31/2014	851,892	1.020269	1.510001	564,167	-40,215	1.360684	-54,720	564,167	287,725	12,126	0	0
12/31/2015	896,729	1.013245	1.530001	586,097	21,930	1.530001	33,553	597,720	299,009	11,283	21,930	33,553
12/31/2016	943,925	1.013072	1.550001	608,983	22,887	1.550001	35,474	633,194	310,731	11,722	22,887	35,474
12/31/2017	1,158,892	1.029652	1.595962	726,140	117,157	1.595962	186,978	820,172	338,720	27,989	108,070	172,476
12/31/2018	1,158,892	1.012672	1.616186	717,054	-9,087	1.595962	-14,502	805,670	353,222	14,502	0	0
					717,054	1.123584	805,670			353,222	717,054	805,670

This is a one page per pool LIFO history carryforward schedule for all years, which includes all data fields involved in the calculation of LIFO balances once the current year index and current year cost (FIFO or average cost) total by pool has been determined. This format shows the amount of the original increment or decrement and the amount of all layers remaining as of the latest year closed. The cumulative inflator indexes for years in which there are decrements is the weighted average index of the layers eroded and is equal to the Priced Increase (Decrease) or decrease in LIFO cost divided by the decrease at base prices. The detail of which years' layers are eroded for decrements is shown in Reports 16a and 18a.

## LIFO Inventory History Summary Report (Report 16)

HVAC Equip & Supplies Wholesaler

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**LIFO INVENTORY HISTORY SCHEDULE REPORT 16**

Pool: 2 Metal and metal products(10) Data path:Y:\LIFOPRO1\Sample\_HVAC\_Wholesaler\LPSW\_Data\_Files\

PERIOD	CURRENT YEAR COST	CUR. YR.	CUMLTV.	INVENTORY	INC(DEC)	CUMLTV.	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE	LAYER AT BASE	LAYER AT COST
		DEFLATOR INDEX	DEFLATOR INDEX	AT BASE PRICES	AT BASE PRICES	INFLATOR INDEX						
12/31/1999	36,728,106	1.000000	1.000000	36,728,106	36,728,106	1.000000	36,728,106	36,728,106	0	0	14,292,666	14,292,666
12/31/2000	34,979,149	1.149997	1.149997	30,416,730	-6,311,376	1.000000	-6,311,376	30,416,730	4,562,418	4,562,418	0	0
12/31/2001	33,313,475	1.026088	1.179998	28,231,803	-2,184,927	1.000000	-2,184,927	28,231,803	5,081,671	519,253	0	0
12/31/2002	31,727,119	1.033899	1.219999	26,005,858	-2,225,945	1.000000	-2,225,945	26,005,858	5,721,261	639,589	0	0
12/31/2003	30,216,304	1.024590	1.249999	24,173,068	-1,832,791	1.000000	-1,832,791	24,173,068	6,043,236	321,976	0	0
12/31/2004	28,777,432	1.056000	1.319999	21,801,108	-2,371,960	1.000000	-2,371,960	21,801,108	6,976,324	933,088	0	0
12/31/2005	27,407,078	1.000000	1.319999	20,762,954	-1,038,154	1.000000	-1,038,154	20,762,954	6,644,124	-332,200	0	0
12/31/2006	26,101,979	1.000000	1.319999	19,774,242	-988,712	1.000000	-988,712	19,774,242	6,327,738	-316,387	0	0
12/31/2007	27,475,768	1.000000	1.319999	20,814,991	1,040,750	1.319999	1,373,788	21,148,030	6,327,738	0	0	0
12/31/2008	26,167,398	1.159092	1.530000	17,102,871	-3,712,120	1.089717	-4,045,159	17,102,871	9,064,526	2,736,789	0	0
12/31/2009	24,921,331	.986928	1.510000	16,504,192	-598,679	1.000000	-598,679	16,504,192	8,417,139	-647,387	0	0
12/31/2010	23,734,601	1.019868	1.540001	15,412,072	-1,092,120	1.000000	-1,092,120	15,412,072	8,322,529	-94,610	0	0
12/31/2011	22,604,382	.974026	1.500001	15,069,581	-342,491	1.000000	-342,491	15,069,581	7,534,801	-787,728	0	0
12/31/2012	21,527,983	.986667	1.480001	14,545,923	-523,658	1.000000	-523,658	14,545,923	6,982,060	-552,741	0	0
12/31/2013	22,661,035	1.000001	1.480003	15,311,482	765,560	1.480003	1,133,030	15,678,953	6,982,082	22	0	0
12/31/2014	21,581,938	1.020269	1.510001	14,292,666	-1,018,816	1.360684	-1,386,286	14,292,666	7,289,271	307,189	0	0
12/31/2015	22,717,829	1.013245	1.530001	14,848,247	555,580	1.530001	850,039	15,142,705	7,575,124	285,853	555,580	850,039
12/31/2016	23,913,504	1.013072	1.550001	15,428,058	579,811	1.550001	898,707	16,041,412	7,872,092	296,968	579,811	898,707
12/31/2017	29,359,510	1.020225	1.581350	18,566,107	3,138,050	1.581350	4,962,354	21,003,767	8,355,744	483,651	2,314,714	3,660,372
12/31/2018	29,359,510	1.046404	1.654731	17,742,771	-823,336	1.581350	-1,301,983	19,701,784	9,657,726	1,301,983	0	0
					17,742,771	1.110412	19,701,784			9,657,726	17,742,771	19,701,784

## LIFO Inventory History Summary Report (Report 16)

HVAC Equip & Supplies Wholesaler

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**LIFO INVENTORY HISTORY SCHEDULE REPORT 16**

Pool: 3 Machinery and equipment(11) Data path:Y:\LIFOPRO1\Sample\_HVAC\_Wholesaler\LPSW\_Data\_Files\

PERIOD	CURRENT YEAR COST	CUR. YR.	CUMLTV.	INVENTORY	INC(DEC)	CUMLTV.	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE	LAYER AT BASE	LAYER AT COST
		DEFLATOR INDEX	DEFLATOR INDEX	AT BASE PRICES	AT BASE PRICES	INFLATOR INDEX						
12/31/1999	42,887,800	1.000000	1.000000	42,887,800	42,887,800	1.000000	42,887,800	42,887,800	0	0	16,323,704	16,323,704
12/31/2000	40,845,523	1.149997	1.149997	35,517,939	-7,369,860	1.000000	-7,369,860	35,517,939	5,327,584	5,327,584	0	0
12/31/2001	38,900,498	1.026088	1.179998	32,966,577	-2,551,362	1.000000	-2,551,362	32,966,577	5,933,922	606,337	0	0
12/31/2002	37,048,094	1.033899	1.219999	30,367,317	-2,599,260	1.000000	-2,599,260	30,367,317	6,680,777	746,855	0	0
12/31/2003	35,283,899	1.024590	1.249999	28,227,148	-2,140,169	1.000000	-2,140,169	28,227,148	7,056,751	375,974	0	0
12/31/2004	33,603,713	1.056000	1.319999	25,457,385	-2,769,763	1.000000	-2,769,763	25,457,385	8,146,328	1,089,577	0	0
12/31/2005	32,003,536	1.000000	1.319999	24,245,122	-1,212,264	1.000000	-1,212,264	24,245,122	7,758,415	-387,913	0	0
12/31/2006	30,479,558	1.000000	1.319999	23,090,592	-1,154,530	1.000000	-1,154,530	23,090,592	7,388,966	-369,448	0	0
12/31/2007	29,028,151	1.000000	1.319999	21,991,040	-1,099,552	1.000000	-1,099,552	21,991,040	7,037,111	-351,856	0	0
12/31/2008	29,885,876	1.159092	1.530000	19,533,249	-2,457,791	1.000000	-2,457,791	19,533,249	10,352,627	3,315,516	0	0
12/31/2009	28,462,739	.986928	1.510000	18,849,495	-683,754	1.000000	-683,754	18,849,495	9,613,243	-739,383	0	0
12/31/2010	27,107,370	1.019868	1.540001	17,602,181	-1,247,314	1.000000	-1,247,314	17,602,181	9,505,189	-108,054	0	0
12/31/2011	25,816,543	.974026	1.500001	17,211,021	-391,160	1.000000	-391,160	17,211,021	8,605,522	-899,667	0	0
12/31/2012	24,587,184	.986667	1.480001	16,612,948	-598,072	1.000000	-598,072	16,612,948	7,974,235	-631,287	0	0
12/31/2013	25,881,246	1.000001	1.480003	17,487,297	874,348	1.480003	1,294,038	17,906,986	7,974,260	25	0	0
12/31/2014	24,648,806	1.020269	1.510001	16,323,704	-1,163,593	1.360684	-1,583,282	16,323,704	8,325,102	350,842	0	0
12/31/2015	25,946,111	1.013245	1.530001	16,958,234	634,530	1.530001	970,832	17,294,536	8,651,576	326,474	634,530	970,832
12/31/2016	27,311,696	1.013072	1.550001	17,620,438	662,204	1.550001	1,026,417	18,320,952	8,990,744	339,168	662,204	1,026,417
12/31/2017	33,531,598	1.022747	1.585259	21,152,127	3,531,689	1.585259	5,598,642	23,919,594	9,612,004	621,260	2,534,024	4,017,084
12/31/2018	33,531,598	1.049501	1.663731	20,154,462	-997,665	1.585259	-1,581,558	22,338,036	11,193,561	1,581,558	0	0
					20,154,462	1.108342	22,338,036			11,193,561	20,154,462	22,338,036

## LIFO Inventory History Summary Report (Report 16)

HVAC Equip & Supplies Wholesaler

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**LIFO INVENTORY HISTORY SCHEDULE REPORT 16**

All Pools Combined

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PERIOD	CURRENT YEAR COST	CUR. YR.	CUMLTV.	INVENTORY	INC(DEC)	CUMLTV.	PRICED INC(DEC)	LIFO	LIFO	LIFO	LAYER	LAYER AT
		DEFLATOR	DEFLATOR	AT BASE	AT BASE	INFLATOR		INVENTORY	RESERVE	EXPENSE	AT BASE	COST
		INDEX	INDEX	PRICES	PRICES	INDEX						
12/31/1999	81,218,259		1.000000	81,218,259	81,218,259	1.000000	81,218,259	81,218,259	0	0	31,180,537	31,180,537
12/31/2000	77,350,723	1.149997		67,261,674	-13,956,585	1.000000	-13,956,585	67,261,674	10,089,049	10,089,049	0	0
12/31/2001	73,667,355	1.026088		62,430,062	-4,831,612	1.000000	-4,831,612	62,430,062	11,237,294	1,148,244	0	0
12/31/2002	70,159,386	1.033899		57,507,745	-4,922,317	1.000000	-4,922,317	57,507,745	12,651,642	1,414,348	0	0
12/31/2003	66,818,463	1.024590		53,454,825	-4,052,920	1.000000	-4,052,920	53,454,825	13,363,638	711,997	0	0
12/31/2004	63,636,631	1.056000		48,209,620	-5,245,205	1.000000	-5,245,205	48,209,620	15,427,012	2,063,373	0	0
12/31/2005	60,606,316	1.000000		45,913,910	-2,295,710	1.000000	-2,295,710	45,913,910	14,692,405	-734,606	0	0
12/31/2006	57,720,301	1.000000		43,727,534	-2,186,377	1.000000	-2,186,377	43,727,534	13,992,767	-699,638	0	0
12/31/2007	57,588,455	1.000000		43,627,650	-99,883	-2.334276	233,155	43,960,689	13,627,766	-365,001	0	0
12/31/2008	57,086,165	1.159092		37,311,213	-6,316,438	1.052726	-6,649,476	37,311,213	19,774,952	6,147,187	0	0
12/31/2009	54,367,776	.986928		36,005,149	-1,306,064	1.000000	-1,306,064	36,005,149	18,362,627	-1,412,325	0	0
12/31/2010	51,778,834	1.019868		33,622,605	-2,382,544	1.000000	-2,382,544	33,622,605	18,156,229	-206,398	0	0
12/31/2011	49,313,175	.974026		32,875,435	-747,170	1.000000	-747,170	32,875,435	16,437,740	-1,718,489	0	0
12/31/2012	46,964,929	.986667		31,733,034	-1,142,401	1.000000	-1,142,401	31,733,034	15,231,895	-1,205,846	0	0
12/31/2013	49,436,767	1.000001		33,403,160	1,670,126	1.480003	2,471,791	34,204,826	15,231,942	47	0	0
12/31/2014	47,082,636	1.020269		31,180,537	-2,222,624	1.360684	-3,024,289	31,180,537	15,902,099	670,157	0	0
12/31/2015	49,560,669	1.013245		32,392,578	1,212,041	1.530001	1,854,424	33,034,960	16,525,709	623,610	1,212,041	1,854,424
12/31/2016	52,169,125	1.013072		33,657,479	1,264,901	1.550001	1,960,599	34,995,559	17,173,567	647,858	1,264,901	1,960,599
12/31/2017	64,050,000	1.021713		40,444,375	6,786,896	1.583636	10,747,974	45,743,533	18,306,467	1,132,901	4,956,808	7,849,932
12/31/2018	64,050,000	1.047391		38,614,287	-1,830,088	1.583553	-2,898,042	42,845,491	21,204,509	2,898,042	0	0
					38,614,287	1.109576	42,845,491			21,204,509	38,614,287	42,845,491

## LIFO Layer History Proof Report (Report 16a)

HVAC Equip & Supplies Wholesaler

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LIFO LAYER HISTORY PROOF REPORT 16a

DECREMENT & LAYERS REMAINING AS OF 12/31/2018 CALCULATION DETAIL

Pool: 1 Chemicals and allied products(06)

LAYERS AT BASE:	12/31/1999	12/31/2013	12/31/2015	12/31/2016	12/31/2017	Increase (Decrease) At Base
12/31/1999	1,602,354					1,602,354
12/31/2000	-275,349					-275,349
12/31/2001	-95,323					-95,323
12/31/2002	-97,112					-97,112
12/31/2003	-79,960					-79,960
12/31/2004	-103,483					-103,483
12/31/2005	-45,292					-45,292
12/31/2006	-43,135					-43,135
12/31/2007	-41,081					-41,081
12/31/2008	-146,526					-146,526
12/31/2009	-23,631					-23,631
12/31/2010	-43,109					-43,109
12/31/2011	-13,519					-13,519
12/31/2012	-20,670					-20,670
12/31/2013		30,219				30,219
12/31/2014	-9,997	-30,219				-40,215
12/31/2015			21,930			21,930
12/31/2016				22,887		22,887
12/31/2017					117,157	117,157
12/31/2018					-9,087	-9,087
Layer remaining	564,167	0	21,930	22,887	108,070	717,054
						<b>Inc(Dec)</b>
Cum. inflator index	1.000000	1.480003	1.530001	1.550001	1.595962	<b>in LIFO</b>
<b>LIFO LAYERS AT COST:</b>						<b>Inventory</b>
12/31/1999	1,602,354					1,602,354
12/31/2000	-275,349					-275,349
12/31/2001	-95,323					-95,323
12/31/2002	-97,112					-97,112
12/31/2003	-79,960					-79,960
12/31/2004	-103,483					-103,483
12/31/2005	-45,292					-45,292
12/31/2006	-43,135					-43,135
12/31/2007	-41,081					-41,081
12/31/2008	-146,526					-146,526
12/31/2009	-23,631					-23,631
12/31/2010	-43,109					-43,109
12/31/2011	-13,519					-13,519
12/31/2012	-20,670					-20,670
12/31/2013		44,723				44,723
12/31/2014	-9,997	-44,723				-54,720
12/31/2015			33,553			33,553
12/31/2016				35,474		35,474
12/31/2017					186,978	186,978
12/31/2018					-14,502	-14,502
Layer remaining	564,167	0	33,553	35,474	172,476	805,670

This is a one page per pool schedule showing the detail by layer of all decrements and the detail by layer of all layers remaining. This report is a proof of the Report 16 decrement calculations.

## LIFO Layer History Proof Report (Report 16a)

HVAC Equip & Supplies Wholesaler

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**LIFO LAYER HISTORY PROOF REPORT 16a**

**DECREMENT & LAYERS REMAINING AS OF 12/31/2018 CALCULATION DETAIL**

**Pool: 2 Metal and metal products(10)**

LAYERS AT BASE:							Increase (Decrease)
	12/31/1999	12/31/2007	12/31/2013	12/31/2015	12/31/2016	12/31/2017	At Base
12/31/1999	36,728,106						36,728,106
12/31/2000	-6,311,376						-6,311,376
12/31/2001	-2,184,927						-2,184,927
12/31/2002	-2,225,945						-2,225,945
12/31/2003	-1,832,791						-1,832,791
12/31/2004	-2,371,960						-2,371,960
12/31/2005	-1,038,154						-1,038,154
12/31/2006	-988,712						-988,712
12/31/2007		1,040,750					1,040,750
12/31/2008	-2,671,370	-1,040,750					-3,712,120
12/31/2009	-598,679						-598,679
12/31/2010	-1,092,120						-1,092,120
12/31/2011	-342,491						-342,491
12/31/2012	-523,658						-523,658
12/31/2013			765,560				765,560
12/31/2014	-253,256		-765,560				-1,018,816
12/31/2015				555,580			555,580
12/31/2016					579,811		579,811
12/31/2017						3,138,050	3,138,050
12/31/2018						-823,336	-823,336
Layer remaining	14,292,666	0	0	555,580	579,811	2,314,714	17,742,771
							<b>Inc(Dec)</b>
Cum. inflator index	1.000000	1.319999	1.480003	1.530001	1.550001	1.581350	<b>in LIFO</b>
<b>LIFO LAYERS AT COST:</b>							<b>Inventory</b>
12/31/1999	36,728,106						36,728,106
12/31/2000	-6,311,376						-6,311,376
12/31/2001	-2,184,927						-2,184,927
12/31/2002	-2,225,945						-2,225,945
12/31/2003	-1,832,791						-1,832,791
12/31/2004	-2,371,960						-2,371,960
12/31/2005	-1,038,154						-1,038,154
12/31/2006	-988,712						-988,712
12/31/2007		1,373,788					1,373,788
12/31/2008	-2,671,370	-1,373,788					-4,045,159
12/31/2009	-598,679						-598,679
12/31/2010	-1,092,120						-1,092,120
12/31/2011	-342,491						-342,491
12/31/2012	-523,658						-523,658
12/31/2013			1,133,030				1,133,030
12/31/2014	-253,256		-1,133,030				-1,386,286
12/31/2015				850,039			850,039
12/31/2016					898,707		898,707
12/31/2017						4,962,354	4,962,354
12/31/2018						-1,301,983	-1,301,983
Layer remaining	14,292,666	0	0	850,039	898,707	3,660,372	19,701,784

## LIFO Layer History Proof Report (Report 16a)

HVAC Equip & Supplies Wholesaler

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LIFO LAYER HISTORY PROOF REPORT 16a

DECREMENT & LAYERS REMAINING AS OF 12/31/2018 CALCULATION DETAIL

Pool: 3 Machinery and equipment(11)

LAYERS AT BASE:	12/31/1999	12/31/2013	12/31/2015	12/31/2016	12/31/2017	Increase (Decrease) At Base
12/31/1999	42,887,800					42,887,800
12/31/2000	-7,369,860					-7,369,860
12/31/2001	-2,551,362					-2,551,362
12/31/2002	-2,599,260					-2,599,260
12/31/2003	-2,140,169					-2,140,169
12/31/2004	-2,769,763					-2,769,763
12/31/2005	-1,212,264					-1,212,264
12/31/2006	-1,154,530					-1,154,530
12/31/2007	-1,099,552					-1,099,552
12/31/2008	-2,457,791					-2,457,791
12/31/2009	-683,754					-683,754
12/31/2010	-1,247,314					-1,247,314
12/31/2011	-391,160					-391,160
12/31/2012	-598,072					-598,072
12/31/2013		874,348				874,348
12/31/2014	-289,245	-874,348				-1,163,593
12/31/2015			634,530			634,530
12/31/2016				662,204		662,204
12/31/2017					3,531,689	3,531,689
12/31/2018					-997,665	-997,665
Layer remaining	16,323,704	0	634,530	662,204	2,534,024	20,154,462
						<b>Inc(Dec)</b>
Cum. inflator index	1.000000	1.480003	1.530001	1.550001	1.585259	<b>in LIFO</b>
<b>LIFO LAYERS AT COST:</b>						<b>Inventory</b>
12/31/1999	42,887,800					42,887,800
12/31/2000	-7,369,860					-7,369,860
12/31/2001	-2,551,362					-2,551,362
12/31/2002	-2,599,260					-2,599,260
12/31/2003	-2,140,169					-2,140,169
12/31/2004	-2,769,763					-2,769,763
12/31/2005	-1,212,264					-1,212,264
12/31/2006	-1,154,530					-1,154,530
12/31/2007	-1,099,552					-1,099,552
12/31/2008	-2,457,791					-2,457,791
12/31/2009	-683,754					-683,754
12/31/2010	-1,247,314					-1,247,314
12/31/2011	-391,160					-391,160
12/31/2012	-598,072					-598,072
12/31/2013		1,294,038				1,294,038
12/31/2014	-289,245	-1,294,038				-1,583,282
12/31/2015			970,832			970,832
12/31/2016				1,026,417		1,026,417
12/31/2017					5,598,642	5,598,642
12/31/2018					-1,581,558	-1,581,558
Layer remaining	16,323,704	0	970,832	1,026,417	4,017,084	22,338,036

LIFO Inventory History Detail Report (Report 17)

HVAC Equip & Supplies Wholesaler  
 LIFO INVENTORY HISTORY SCHEDULE REPORT 17  
 Pool: 1 Chemicals and allied products(06)

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	12/31/1999	12/31/2000	12/31/2001	12/31/2002	12/31/2003	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2013	12/31/2014	12/31/2015	12/31/2016	12/31/2017	12/31/2018
Current-year cost	1,602,354	1,526,051	1,453,382	1,384,173	1,318,260	1,255,486	1,195,701	1,138,763	1,084,536	1,032,891	983,706	936,863	892,251	849,762	894,487	851,892	896,729	943,925	1,158,892	1,158,892
Current yr. index	1.000000	1.149997	1.026088	1.033899	1.024590	1.056000	1.000000	1.000000	1.000000	1.159092	.986928	1.019868	.974026	.986667	1.000001	1.020269	1.013245	1.013072	1.029652	1.012672
Cumulative index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.595962	1.616186
Inventory at base	1,602,354	1,327,004	1,231,682	1,134,569	1,054,609	951,127	905,835	862,700	821,619	675,092	651,461	608,352	594,833	574,163	604,382	564,167	586,097	608,983	726,140	717,054
Change at base	1,602,354	-275,349	-95,323	-97,112	-79,960	-103,483	-45,292	-43,135	-41,081	-146,526	-23,631	-43,109	-13,519	-20,670	30,219	-40,215	21,930	22,887	117,157	-9,087
Cum. inflator index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.595962	1.616186
Change at LIFO cost	1,602,354	-275,349	-95,323	-97,112	-79,960	-103,483	-45,292	-43,135	-41,081	-146,526	-23,631	-43,109	-13,519	-20,670	44,723	-54,720	33,553	35,474	186,978	-14,502
LAYERS AT BASE:																				
12/31/1999	1,602,354	1,327,004	1,231,682	1,134,569	1,054,609	951,127	905,835	862,700	821,619	675,092	651,461	608,352	594,833	574,163	574,163	564,167	564,167	564,167	564,167	564,167
12/31/2000		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									0	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															0	0	0	0	0	0
12/31/2014															30,219	0	0	0	0	0
12/31/2015																0	0	0	0	0
12/31/2016																	21,930	21,930	21,930	21,930
12/31/2017																		22,887	22,887	117,157
12/31/2018																				108,070
Totals	1,602,354	1,327,004	1,231,682	1,134,569	1,054,609	951,127	905,835	862,700	821,619	675,092	651,461	608,352	594,833	574,163	604,382	564,167	586,097	608,983	726,140	717,054
LIFO LAYERS AT COST:																				
12/31/1999	1,602,354	1,327,004	1,231,682	1,134,569	1,054,609	951,127	905,835	862,700	821,619	675,092	651,461	608,352	594,833	574,163	574,163	564,167	564,167	564,167	564,167	564,167
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									0	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															0	0	0	0	0	0
12/31/2014															44,723	0	0	0	0	0
12/31/2015																0	0	0	0	0
12/31/2016																	33,553	33,553	33,553	33,553
12/31/2017																		35,474	35,474	35,474
12/31/2018																			186,978	172,476
Totals	1,602,354	1,327,004	1,231,682	1,134,569	1,054,609	951,127	905,835	862,700	821,619	675,092	651,461	608,352	594,833	574,163	618,887	564,167	597,720	633,194	820,172	805,670
LIFO RESERVE	0	199,047	221,700	249,604	263,651	304,359	289,866	276,063	262,917	357,799	332,245	328,511	297,417	275,599	275,600	287,725	299,009	310,731	338,720	353,222
LIFO EXPENSE	0	199,047	22,654	27,904	14,047	40,708	-14,493	-13,803	-13,146	94,882	-25,554	-3,734	-31,094	-21,818	1	12,126	11,283	11,722	27,989	14,502

This is a one page per pool LIFO history for all years which includes all data contained in Report 16 & also shows the remaining balance of all layers for all years.



LIFO Inventory History Detail Report (Report 17)

HVAC Equip & Supplies Wholesaler  
**LIFO INVENTORY HISTORY SCHEDULE REPORT 17**  
 Pool: 2 Metal and metal products(10)

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	12/31/1999	12/31/2000	12/31/2001	12/31/2002	12/31/2003	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2013	12/31/2014	12/31/2015	12/31/2016	12/31/2017	12/31/2018
Current-year cost	36,728,106	34,979,149	33,313,475	31,727,119	30,216,304	28,777,432	27,407,078	26,101,979	27,475,768	26,167,398	24,921,331	23,734,601	22,604,382	21,527,983	22,661,035	21,581,938	22,717,829	23,913,504	29,359,510	29,359,510
Current yr. index	1.000000	1.149997	1.026088	1.033899	1.024590	1.056000	1.000000	1.000000	1.000000	1.159092	.986928	1.019868	.974026	.986667	1.000001	1.020269	1.013245	1.013072	1.020225	1.046404
Cumulative index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.581350	1.654731
Inventory at base	36,728,106	30,416,730	28,231,803	26,005,858	24,173,068	21,801,108	20,762,954	19,774,242	20,814,991	17,102,871	16,504,192	15,412,072	15,069,581	14,545,923	15,311,482	14,292,666	14,848,247	15,428,058	18,566,107	17,742,771
Change at base	36,728,106	-6,311,376	-2,184,927	-2,225,945	-1,832,791	-2,371,960	-1,038,154	-988,712	1,040,750	-3,712,120	-598,679	-1,092,120	-342,491	-523,658	765,560	-1,018,816	555,580	579,811	3,138,050	-823,336
Cum. inflator index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.581350	1.654731
Change at LIFO cost	36,728,106	-6,311,376	-2,184,927	-2,225,945	-1,832,791	-2,371,960	-1,038,154	-988,712	1,373,788	-4,045,159	-598,679	-1,092,120	-342,491	-523,658	1,133,030	-1,386,286	850,039	898,707	4,962,354	-1,301,983
LAYERS AT BASE:																				
12/31/1999	36,728,106	30,416,730	28,231,803	26,005,858	24,173,068	21,801,108	20,762,954	19,774,242	19,774,242	17,102,871	16,504,192	15,412,072	15,069,581	14,545,923	14,545,923	14,292,666	14,292,666	14,292,666	14,292,666	14,292,666
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									1,040,750	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															765,560	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	555,580	555,580	555,580	555,580
12/31/2016																		579,811	579,811	579,811
12/31/2017																			3,138,050	2,314,714
12/31/2018																				0
Totals	36,728,106	30,416,730	28,231,803	26,005,858	24,173,068	21,801,108	20,762,954	19,774,242	20,814,991	17,102,871	16,504,192	15,412,072	15,069,581	14,545,923	15,311,482	14,292,666	14,848,247	15,428,058	18,566,107	17,742,771
LIFO LAYERS AT COST:																				
12/31/1999	36,728,106	30,416,730	28,231,803	26,005,858	24,173,068	21,801,108	20,762,954	19,774,242	19,774,242	17,102,871	16,504,192	15,412,072	15,069,581	14,545,923	14,545,923	14,292,666	14,292,666	14,292,666	14,292,666	14,292,666
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									1,373,788	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															1,133,030	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	850,039	850,039	850,039	850,039
12/31/2016																		898,707	898,707	898,707
12/31/2017																			4,962,354	3,660,372
12/31/2018																				0
Totals	36,728,106	30,416,730	28,231,803	26,005,858	24,173,068	21,801,108	20,762,954	19,774,242	21,148,030	17,102,871	16,504,192	15,412,072	15,069,581	14,545,923	15,678,953	14,292,666	15,142,705	16,041,412	21,003,767	19,701,784
LIFO RESERVE	0	4,562,418	5,081,671	5,721,261	6,043,236	6,976,324	6,644,124	6,327,738	6,327,738	9,064,526	8,417,139	8,322,529	7,534,801	6,982,060	6,982,082	7,289,271	7,575,124	7,872,092	8,355,744	9,657,726
LIFO EXPENSE	0	4,562,418	519,253	639,589	321,976	933,088	-332,200	-316,387	0	2,736,789	-647,387	-94,610	-787,728	-552,741	22	307,189	285,853	296,968	483,651	1,301,983

LIFO Inventory History Detail Report (Report 17)

HVAC Equip & Supplies Wholesaler

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LIFO INVENTORY HISTORY SCHEDULE REPORT 17

Pool: 3 Machinery and equipment(11)

	12/31/1999	12/31/2000	12/31/2001	12/31/2002	12/31/2003	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2013	12/31/2014	12/31/2015	12/31/2016	12/31/2017	12/31/2018
Current-year cost	42,887,800	40,845,523	38,900,498	37,048,094	35,283,899	33,603,713	32,003,536	30,479,558	29,028,151	29,885,876	28,462,739	27,107,370	25,816,543	24,587,184	25,881,246	24,648,806	25,946,111	27,311,696	33,531,598	33,531,598
Current yr. index	1.000000	1.149997	1.026088	1.033899	1.024590	1.056000	1.000000	1.000000	1.000000	1.159092	.986928	1.019868	.974026	.986667	1.000001	1.020269	1.013245	1.013072	1.022747	1.049501
Cumulative index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.585259	1.663731
Inventory at base	42,887,800	35,517,939	32,966,577	30,367,317	28,227,148	25,457,385	24,245,122	23,090,592	21,991,040	19,533,249	18,849,495	17,602,181	17,211,021	16,612,948	17,487,297	16,323,704	16,958,234	17,620,438	21,152,127	20,154,462
Change at base	42,887,800	-7,369,860	-2,551,362	-2,599,260	-2,140,169	-2,769,763	-1,212,264	-1,154,530	-1,099,552	-2,457,791	-683,754	-1,247,314	-391,160	-598,072	874,348	-1,163,593	634,530	662,204	3,531,689	-997,665
Cum. inflator index	1.000000	1.149997	1.179998	1.219999	1.249999	1.319999	1.319999	1.319999	1.319999	1.530000	1.510000	1.540001	1.500001	1.480001	1.480003	1.510001	1.530001	1.550001	1.585259	1.663731
Change at LIFO cost	42,887,800	-7,369,860	-2,551,362	-2,599,260	-2,140,169	-2,769,763	-1,212,264	-1,154,530	-1,099,552	-2,457,791	-683,754	-1,247,314	-391,160	-598,072	1,294,038	-1,583,282	970,832	1,026,417	5,598,642	-1,581,558
LAYERS AT BASE:																				
12/31/1999	42,887,800	35,517,939	32,966,577	30,367,317	28,227,148	25,457,385	24,245,122	23,090,592	21,991,040	19,533,249	18,849,495	17,602,181	17,211,021	16,612,948	16,612,948	16,323,704	16,323,704	16,323,704	16,323,704	16,323,704
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									0	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															874,348	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	634,530	634,530	634,530	634,530
12/31/2016																		662,204	662,204	662,204
12/31/2017																			3,531,689	2,534,024
12/31/2018																				0
Totals	42,887,800	35,517,939	32,966,577	30,367,317	28,227,148	25,457,385	24,245,122	23,090,592	21,991,040	19,533,249	18,849,495	17,602,181	17,211,021	16,612,948	17,487,297	16,323,704	16,958,234	17,620,438	21,152,127	20,154,462
LIFO LAYERS AT COST:																				
12/31/1999	42,887,800	35,517,939	32,966,577	30,367,317	28,227,148	25,457,385	24,245,122	23,090,592	21,991,040	19,533,249	18,849,495	17,602,181	17,211,021	16,612,948	16,612,948	16,323,704	16,323,704	16,323,704	16,323,704	16,323,704
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									0	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															1,294,038	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	970,832	970,832	970,832	970,832
12/31/2016																		1,026,417	1,026,417	1,026,417
12/31/2017																			5,598,642	4,017,084
12/31/2018																				0
Totals	42,887,800	35,517,939	32,966,577	30,367,317	28,227,148	25,457,385	24,245,122	23,090,592	21,991,040	19,533,249	18,849,495	17,602,181	17,211,021	16,612,948	17,906,986	16,323,704	17,294,536	18,320,952	23,919,594	22,338,036
LIFO RESERVE	0	5,327,584	5,933,922	6,680,777	7,056,751	8,146,328	7,758,415	7,388,966	7,037,111	10,352,627	9,613,243	9,505,189	8,605,522	7,974,235	7,974,260	8,325,102	8,651,576	8,990,744	9,612,004	11,193,561
LIFO EXPENSE	0	5,327,584	606,337	746,855	375,974	1,089,577	-387,913	-369,448	-351,856	3,315,516	-739,383	-108,054	-899,667	-631,287	25	350,842	326,474	339,168	621,260	1,581,558

LIFO Inventory History Detail Report (Report 17)

HVAC Equip & Supplies Wholesaler

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LIFO INVENTORY HISTORY SCHEDULE REPORT 17

All Pools Combined

	12/31/1999	12/31/2000	12/31/2001	12/31/2002	12/31/2003	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	12/31/2010	12/31/2011	12/31/2012	12/31/2013	12/31/2014	12/31/2015	12/31/2016	12/31/2017	12/31/2018
Current-year cost	81,218,259	77,350,723	73,667,355	70,159,386	66,818,463	63,636,631	60,606,316	57,720,301	57,588,455	57,086,165	54,367,776	51,778,834	49,313,175	46,964,929	49,436,767	47,082,636	49,560,669	52,169,125	64,050,000	64,050,000
Current yr. index		1.149997	1.026088	1.033899	1.024590	1.056000	1.000000	1.000000	1.000000	1.159092	.986928	1.019868	.974026	.986667	1.000001	1.020269	1.013245	1.013072	1.021713	1.047391
Cumulative index																				
Inventory at base	81,218,259	67,261,674	62,430,062	57,507,745	53,454,825	48,209,620	45,913,910	43,727,534	43,627,650	37,311,213	36,005,149	33,622,605	32,875,435	31,733,034	33,403,160	31,180,537	32,392,578	33,657,479	40,444,375	38,614,287
Change at base	81,218,259	-13,956,585	-4,831,612	-4,922,317	-4,052,920	-5,245,205	-2,295,710	-2,186,377	-99,883	-6,316,438	-1,306,064	-2,382,544	-747,170	-1,142,401	1,670,126	-2,222,624	1,212,041	1,264,901	6,786,896	-1,830,088
Cum. inflator index																				
Change at LIFO cost	81,218,259	-13,956,585	-4,831,612	-4,922,317	-4,052,920	-5,245,205	-2,295,710	-2,186,377	233,155	-6,649,476	-1,306,064	-2,382,544	-747,170	-1,142,401	2,471,791	-3,024,289	1,854,424	1,960,599	10,747,974	-2,898,042
LAYERS AT BASE:																				
12/31/1999	81,218,259	67,261,674	62,430,062	57,507,745	53,454,825	48,209,620	45,913,910	43,727,534	42,586,901	37,311,213	36,005,149	33,622,605	32,875,435	31,733,034	31,733,034	31,180,537	31,180,537	31,180,537	31,180,537	31,180,537
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									1,040,750	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															1,670,126	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	1,212,041	1,212,041	1,212,041	1,212,041
12/31/2016																		1,264,901	1,264,901	1,264,901
12/31/2017																			6,786,896	4,956,808
12/31/2018																				0
Totals	81,218,259	67,261,674	62,430,062	57,507,745	53,454,825	48,209,620	45,913,910	43,727,534	43,627,650	37,311,213	36,005,149	33,622,605	32,875,435	31,733,034	33,403,160	31,180,537	32,392,578	33,657,479	40,444,375	38,614,287
LIFO LAYERS AT COST:																				
12/31/1999	81,218,259	67,261,674	62,430,062	57,507,745	53,454,825	48,209,620	45,913,910	43,727,534	42,586,901	37,311,213	36,005,149	33,622,605	32,875,435	31,733,034	31,733,034	31,180,537	31,180,537	31,180,537	31,180,537	31,180,537
12/31/2000		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2001			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2002				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2003					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2004						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2005							0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2006								0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2007									1,373,788	0	0	0	0	0	0	0	0	0	0	0
12/31/2008										0	0	0	0	0	0	0	0	0	0	0
12/31/2009											0	0	0	0	0	0	0	0	0	0
12/31/2010												0	0	0	0	0	0	0	0	0
12/31/2011													0	0	0	0	0	0	0	0
12/31/2012														0	0	0	0	0	0	0
12/31/2013															2,471,791	0	0	0	0	0
12/31/2014																0	0	0	0	0
12/31/2015																	1,854,424	1,854,424	1,854,424	1,854,424
12/31/2016																		1,960,599	1,960,599	1,960,599
12/31/2017																			10,747,974	7,849,932
12/31/2018																				0
Totals	81,218,259	67,261,674	62,430,062	57,507,745	53,454,825	48,209,620	45,913,910	43,727,534	43,960,689	37,311,213	36,005,149	33,622,605	32,875,435	31,733,034	34,204,826	31,180,537	33,034,960	34,995,559	45,743,533	42,845,491
LIFO RESERVE	0	10,089,049	11,237,294	12,651,642	13,363,638	15,427,012	14,692,405	13,992,767	13,627,766	19,774,952	18,362,627	18,156,229	16,437,740	15,231,895	15,231,942	15,902,099	16,525,709	17,173,567	18,306,467	21,204,509
LIFO EXPENSE	0	10,089,049	1,148,244	1,414,348	711,997	2,063,373	-734,606	-699,638	-365,001	6,147,187	-1,412,325	-206,398	-1,718,489	-1,205,846	47	670,157	623,610	647,858	1,132,901	2,898,042

### LIFO Reserve by Layer Report (Report 15)

HVAC Equip & Supplies Wholesaler  
LIFO Reserve by Layer Schedule REPORT 15

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Pool: 1		Chemicals and allied products(06)				Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLEALER\LPSW_Data_Files\								LIFO			FIFO BALANCE
PERIOD	INVENTORY	FIFO DEFLATOR	CUMLTV. DEFLATOR	INVENTORY AT BASE PRICES	INC(DEC) AT BASE PRICES	CUMLTV. INFLATOR	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE	LAYER AT BASE	LAYER COST	FIFO LAYER	INFLATION DIFFERENCETO THIS LAYER	RESERVE		FIFO BALANCE REQUIRED TO ERODE THIS LAYER
															ATTRIBUTABLE TO THIS LAYER	CUMULATIVE INV. AT BASE	
12/31/1999	1,602,354	1.000000	1.000000	1,602,354	1,602,354	1.000000	1,602,354	1,602,354	0	0	564,167	564,167	911,798	.616186	347,631	564,167	911,798
12/31/2000	1,526,051	1.149997	1.149997	1,327,004	-275,349	1.000000	-275,349	1,327,004	199,047	199,047	0	0	0	0	0	564,167	564,167
12/31/2001	1,453,382	1.026088	1.179998	1,231,682	-95,323	1.000000	-95,323	1,231,682	221,700	22,654	0	0	0	0	0	564,167	564,167
12/31/2002	1,384,173	1.033899	1.219999	1,134,569	-97,112	1.000000	-97,112	1,134,569	249,604	27,904	0	0	0	0	0	564,167	564,167
12/31/2003	1,318,260	1.024590	1.249999	1,054,609	-79,960	1.000000	-79,960	1,054,609	263,651	14,047	0	0	0	0	0	564,167	564,167
12/31/2004	1,255,486	1.056000	1.319999	951,127	-103,483	1.000000	-103,483	951,127	304,359	40,708	0	0	0	0	0	564,167	564,167
12/31/2005	1,195,701	1.000000	1.319999	905,835	-45,292	1.000000	-45,292	905,835	289,866	-14,493	0	0	0	0	0	564,167	564,167
12/31/2006	1,138,763	1.000000	1.319999	862,700	-43,135	1.000000	-43,135	862,700	276,063	-13,803	0	0	0	0	0	564,167	564,167
12/31/2007	1,084,536	1.000000	1.319999	821,619	-41,081	1.000000	-41,081	821,619	262,917	-13,146	0	0	0	0	0	564,167	564,167
12/31/2008	1,032,891	1.159092	1.530000	675,092	-146,526	1.000000	-146,526	675,092	357,799	94,882	0	0	0	0	0	564,167	564,167
12/31/2009	983,706	.986928	1.510000	651,461	-23,631	1.000000	-23,631	651,461	332,245	-25,554	0	0	0	0	0	564,167	564,167
12/31/2010	936,863	1.019868	1.540001	608,352	-43,109	1.000000	-43,109	608,352	328,511	-3,734	0	0	0	0	0	564,167	564,167
12/31/2011	892,251	.974026	1.500001	594,833	-13,519	1.000000	-13,519	594,833	297,417	-31,094	0	0	0	0	0	564,167	564,167
12/31/2012	849,762	.986667	1.480001	574,163	-20,670	1.000000	-20,670	574,163	275,599	-21,818	0	0	0	0	0	564,167	564,167
12/31/2013	894,487	1.000001	1.480003	604,382	30,219	1.480003	44,723	618,887	275,600	1	0	0	0	0	0	564,167	564,167
12/31/2014	851,892	1.020269	1.510001	564,167	-40,215	1.360684	-54,720	564,167	287,725	12,126	0	0	0	0	0	564,167	564,167
12/31/2015	896,729	1.013245	1.530001	586,097	21,930	1.530001	33,553	597,720	299,009	11,283	21,930	33,553	35,443	.086185	1,890	586,097	947,241
12/31/2016	943,925	1.013072	1.550001	608,983	22,887	1.550001	35,474	633,194	310,731	11,722	22,887	35,474	36,989	.066185	1,515	608,983	984,230
12/31/2017	1,158,892	1.029652	1.595962	726,140	117,157	1.595962	186,978	820,172	338,720	27,989	108,070	172,476	174,662	.020224	2,186	717,054	1,158,892
12/31/2018	1,158,892	1.012672	1.616186	717,054	-9,087	1.595962	-14,502	805,670	353,222	14,502	0	0	0	0	0	717,054	717,054
					717,054	1.123584	805,670			353,222	717,054	805,670	1,158,892		353,222		

This report shows which years' layers the most recent year end LIFO reserve is attributable to and in what amounts along with the FIFO balance required to erode each layer. The FIFO balance shown for each year is the balance at which that layer begins to be eroded; that layer will be completely eroded (and the LIFO reserve associated with it will be removed) when the next year (following the most recently closed year end) FIFO balance is reduced to the next earliest layer remaining FIFO balance shown in the rightmost column.

### LIFO Reserve by Layer Report (Report 15)

HVAC Equip & Supplies Wholesaler

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LIFO Reserve by Layer Schedule REPORT 15

Pool: 2		Metal and metal products(10)				Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLEALER\LPSW_Data_Files\								LIFO RESERVE			FIFO BALANCE
PERIOD	FIFO INVENTORY	DEFLATOR INDEX	DEFLATOR INDEX	INVENTORY AT BASE PRICES	INC(DEC) AT BASE PRICES	CUMLTV. INFLATOR INDEX	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE	LAYER AT BASE	LAYER AT COST	FIFO LAYER	INFLATION DIFFERENCETO THIS LAYER	ATTRIBUTABLE TO THIS LAYER INV.	CUMULATIVE AT BASE	ERODE THIS LAYER
12/31/1999	36,728,106	1.000000	1.000000	36,728,106	36,728,106	1.000000	36,728,106	36,728,106	0	0	14,292,666	14,292,666	23,650,515	.654731	9,357,849	14,292,666	23,650,515
12/31/2000	34,979,149	1.149997	1.149997	30,416,730	-6,311,376	1.000000	-6,311,376	30,416,730	4,562,418	4,562,418	0	0	0			14,292,666	
12/31/2001	33,313,475	1.026088	1.179998	28,231,803	-2,184,927	1.000000	-2,184,927	28,231,803	5,081,671	519,253	0	0	0			14,292,666	
12/31/2002	31,727,119	1.033899	1.219999	26,005,858	-2,225,945	1.000000	-2,225,945	26,005,858	5,721,261	639,589	0	0	0			14,292,666	
12/31/2003	30,216,304	1.024590	1.249999	24,173,068	-1,832,791	1.000000	-1,832,791	24,173,068	6,043,236	321,976	0	0	0			14,292,666	
12/31/2004	28,777,432	1.056000	1.319999	21,801,108	-2,371,960	1.000000	-2,371,960	21,801,108	6,976,324	933,088	0	0	0			14,292,666	
12/31/2005	27,407,078	1.000000	1.319999	20,762,954	-1,038,154	1.000000	-1,038,154	20,762,954	6,644,124	-332,200	0	0	0			14,292,666	
12/31/2006	26,101,979	1.000000	1.319999	19,774,242	-988,712	1.000000	-988,712	19,774,242	6,327,738	-316,387	0	0	0			14,292,666	
12/31/2007	27,475,768	1.000000	1.319999	20,814,991	1,040,750	1.319999	1,373,788	21,148,030	6,327,738	0	0	0	0			14,292,666	
12/31/2008	26,167,398	1.159092	1.530000	17,102,871	-3,712,120	1.089717	-4,045,159	17,102,871	9,064,526	2,736,789	0	0	0			14,292,666	
12/31/2009	24,921,331	.986928	1.510000	16,504,192	-598,679	1.000000	-598,679	16,504,192	8,417,139	-647,387	0	0	0			14,292,666	
12/31/2010	23,734,601	1.019868	1.540001	15,412,072	-1,092,120	1.000000	-1,092,120	15,412,072	8,322,529	-94,610	0	0	0			14,292,666	
12/31/2011	22,604,382	.974026	1.500001	15,069,581	-342,491	1.000000	-342,491	15,069,581	7,534,801	-787,728	0	0	0			14,292,666	
12/31/2012	21,527,983	.986667	1.480001	14,545,923	-523,658	1.000000	-523,658	14,545,923	6,982,060	-552,741	0	0	0			14,292,666	
12/31/2013	22,661,035	1.000001	1.480003	15,311,482	765,560	1.480003	1,133,030	15,678,953	6,982,082	22	0	0	0			14,292,666	
12/31/2014	21,581,938	1.020269	1.510001	14,292,666	-1,018,816	1.360684	-1,386,286	14,292,666	7,289,271	307,189	0	0	0			14,292,666	
12/31/2015	22,717,829	1.013245	1.530001	14,848,247	555,580	1.530001	850,039	15,142,705	7,575,124	285,853	555,580	850,039	919,336	.124730	69,298	14,848,247	24,569,851
12/31/2016	23,913,504	1.013072	1.550001	15,428,058	579,811	1.550001	898,707	16,041,412	7,872,092	296,968	579,811	898,707	959,431	.104730	60,723	15,428,058	25,529,282
12/31/2017	29,359,510	1.020225	1.581350	18,566,107	3,138,050	1.581350	4,962,354	21,003,767	8,355,744	483,651	2,314,714	3,660,372	3,830,228	.073381	169,856	17,742,771	29,359,510
12/31/2018	29,359,510	1.046404	1.654731	17,742,771	-823,336	1.581350	-1,301,983	19,701,784	9,657,726	1,301,983	0	0	0			17,742,771	
					17,742,771	1.110412	19,701,784			9,657,726	17,742,771	19,701,784	29,359,510		9,657,726		

## LIFO Reserve by Layer Report (Report 15)

HVAC Equip & Supplies Wholesaler  
 LIFO Reserve by Layer Schedule REPORT 15  
 Pool: 3

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Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLEALER\LPSW_Data_Files\														LIFO RESERVE			FIFO BALANCE
PERIOD	FIFO INVENTORY	CUR. YR. DEFLATOR INDEX	CUMLTV. DEFLATOR INDEX	INVENTORY AT BASE PRICES	INC(DEC) AT BASE PRICES	CUMLTV. INFLATOR INDEX	PRICED INC(DEC)	LIFO INVENTORY	LIFO RESERVE	LIFO EXPENSE	LAYER AT BASE	LAYER AT COST	FIFO LAYER	INFLATION DIFFERENCETO THIS LAYER	ATTRIBUTABLE TO THIS LAYER INV.	CUMULATIVE AT BASE	ERODE THIS LAYER
12/31/1999	42,887,800	1.000000	1.000000	42,887,800	42,887,800	1.000000	42,887,800	42,887,800	0	0	16,323,704	16,323,704	27,158,247	.663731	10,834,544	16,323,704	27,158,247
12/31/2000	40,845,523	1.149997	1.149997	35,517,939	-7,369,860	1.000000	-7,369,860	35,517,939	5,327,584	5,327,584	0	0	0			16,323,704	
12/31/2001	38,900,498	1.026088	1.179998	32,966,577	-2,551,362	1.000000	-2,551,362	32,966,577	5,933,922	606,337	0	0	0			16,323,704	
12/31/2002	37,048,094	1.033899	1.219999	30,367,317	-2,599,260	1.000000	-2,599,260	30,367,317	6,680,777	746,855	0	0	0			16,323,704	
12/31/2003	35,283,899	1.024590	1.249999	28,227,148	-2,140,169	1.000000	-2,140,169	28,227,148	7,056,751	375,974	0	0	0			16,323,704	
12/31/2004	33,603,713	1.056000	1.319999	25,457,385	-2,769,763	1.000000	-2,769,763	25,457,385	8,146,328	1,089,577	0	0	0			16,323,704	
12/31/2005	32,003,536	1.000000	1.319999	24,245,122	-1,212,264	1.000000	-1,212,264	24,245,122	7,758,415	-387,913	0	0	0			16,323,704	
12/31/2006	30,479,558	1.000000	1.319999	23,090,592	-1,154,530	1.000000	-1,154,530	23,090,592	7,388,966	-369,448	0	0	0			16,323,704	
12/31/2007	29,028,151	1.000000	1.319999	21,991,040	-1,099,552	1.000000	-1,099,552	21,991,040	7,037,111	-351,856	0	0	0			16,323,704	
12/31/2008	29,885,876	1.159092	1.530000	19,533,249	-2,457,791	1.000000	-2,457,791	19,533,249	10,352,627	3,315,516	0	0	0			16,323,704	
12/31/2009	28,462,739	.986928	1.510000	18,849,495	-683,754	1.000000	-683,754	18,849,495	9,613,243	-739,383	0	0	0			16,323,704	
12/31/2010	27,107,370	1.019868	1.540001	17,602,181	-1,247,314	1.000000	-1,247,314	17,602,181	9,505,189	-108,054	0	0	0			16,323,704	
12/31/2011	25,816,543	.974026	1.500001	17,211,021	-391,160	1.000000	-391,160	17,211,021	8,605,522	-899,667	0	0	0			16,323,704	
12/31/2012	24,587,184	.986667	1.480001	16,612,948	-598,072	1.000000	-598,072	16,612,948	7,974,235	-631,287	0	0	0			16,323,704	
12/31/2013	25,881,246	1.000001	1.480003	17,487,297	874,348	1.480003	1,294,038	17,906,986	7,974,260	25	0	0	0			16,323,704	
12/31/2014	24,648,806	1.020269	1.510001	16,323,704	-1,163,593	1.360684	-1,583,282	16,323,704	8,325,102	350,842	0	0	0			16,323,704	
12/31/2015	25,946,111	1.013245	1.530001	16,958,234	634,530	1.530001	970,832	17,294,536	8,651,576	326,474	634,530	970,832	1,055,688	.133730	84,856	16,958,234	28,213,935
12/31/2016	27,311,696	1.013072	1.550001	17,620,438	662,204	1.550001	1,026,417	18,320,952	8,990,744	339,168	662,204	1,026,417	1,101,729	.113730	75,312	17,620,438	29,315,664
12/31/2017	33,531,598	1.022747	1.585259	21,152,127	3,531,689	1.585259	5,598,642	23,919,594	9,612,004	621,260	2,534,024	4,017,084	4,215,933	.078472	198,850	20,154,462	33,531,598
12/31/2018	33,531,598	1.049501	1.663731	20,154,462	-997,665	1.585259	-1,581,558	22,338,036	11,193,561	1,581,558	0	0	0			20,154,462	
					20,154,462	1.108342	22,338,036			11,193,561	20,154,462	22,338,036	33,531,598		11,193,561		

## Internal Index Data Input Report (Report 3)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:28:57 PM

DATA INPUT FOR 12/31/2018 LIFO CALCULATIONS

LIFO-PRO Report 3

DATA FILE NAME:Y:\LIFOPRO1\Sample\_HVAC\_Wholesaler\LPSW\_Data\_Files\Sample\_HVAC\_DIS\_2018YE.prn

-----POOL-----		C/Y COST	C/Y COST	INDEX	INDEX	LIFO	LIFO	LIFO	LIFO Expense (Inc.) Components		
NO	NAME	12/31/2017	12/31/2018	12/31/2017	12/31/2018	EXPENSE	RESERVE	INVENTORY	Inflation Effect	Layer Erosion Effect	Total LIFO Expense
1	Chemicals and allied products(0	1,158,892	1,500,000	1.029652	1.012672	14,686	353,406	1,146,594	14,686		14,686
2	Metal and metal products(10)	29,359,510	30,000,000	1.020225	1.046404	1,330,386	9,686,129	20,313,871	E 1,362,400	-32,014	1,330,386
3	Machinery and equipment(11)	33,531,598	34,000,000	1.022747	1.049501	1,603,650	11,215,654	22,784,346	E 1,659,846	-56,196	1,603,650
TOTALS OR WTD AVG		64,050,000	65,500,000	1.021713	1.047209	2,948,722	21,255,189	44,244,811	3,036,932	-88,210	2,948,722
E-Layer erosion occurs for this pool.											

This report is primarily used for companies using internal indexes as it serves as the data input screen (Screen 3) for entering the front-end software input values required to complete the LIFO calculation. The blue-shaded fields are the front-end input values are entered by software users and serves as a source document for the variables used to complete the back-end of the LIFO calculation. This report automatically updates the LIFO expense, reserve, inventory & expense/income component fields shown to the right of the current period index columns after the blue-shaded input value fields have been entered. This report & screen is also used for external index users wishing to perform interim estimates using current period inventory balances, a user-defined BLS index period range & the product mix used for the last period closed (prior period).

## IPIC LIFO Calculation Summary Report (Report 23S)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:19:52 PM

**SUMMARY OF IPIC LIFO INDEX CALCULATIONS BY POOL SUMMARY REPORT 23S**

**FOR PERIOD ENDED Dec, 2018**

-----POOL-----		Cumulative	Cumulative	Current	LIFO	LIFO	LIFO	
NO.	NAME	CURRENT	Index	Index	Year Index	EXPENSE	INVENTORY	RESERVE
		YEAR COST	12/31/2017	12/31/2018	12/31/2018			
1	Chemicals and allied products(06)	1,158,892	1.595962	1.616186	1.012672	14,502	805,670	353,222
2	Metal and metal products(10)	29,359,510	1.581350	1.654731	1.046404	1,301,983	19,701,784	9,657,726
3	Machinery and equipment(11)	33,531,598	1.585259	1.663731	1.049501	1,581,558	22,338,037	11,193,561
	Total/Averages	64,050,000			1.047391	2,898,042	42,845,491	21,204,509

Inflation rates are Nov 2018 PPI Prelim indexes divided by Nov 2017 Prelim indexes as shown on Report 24

IPIC data file used for calculations: Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLESALE\DIS\Sample\_HVAC\_DIS\_2018YE.xlsx-DIS2018Book

There were missing indexes for 6 categories. Indexes used were those for the next less detailed category.

Optional IPIC Methods used:

10% Method used(BLS Weights used)?: 10% Method not used

U.S. Bureau of Labor Statistics inflation indexes source: PPI Detailed Reports Table 9

**This is a summary report by pool and in total showing the IPIC method pool indexes for the current year as well as the prior and current year cumulative indexes, FIFO and LIFO inventory balances, LIFO reserve, and LIFO expense.**



## IPIC LIFO Index Calculation Report (Report 23)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:19:52 PM

DETAIL OF IPIC LIFO INDEX CALCULATIONS BY POOL REPORT 23  
FOR PERIOD ENDED Dec, 2018

-----PPI CATEGORY----- ----- NAME -----	CATEGORY NUMBER	YEAR-END INVENTORY BALANCE	% OF POOL INV.	CATEGORY INDEX FROM REPORT 24	HARMONIC DOLLARS WEIGHTED QUOTIENT
POOL NUMBER:1 Chemicals and allied products(06)					
-Other chemicals and allied products	067	350,315	30.23%	1.024512	341,934
---Industrial gases	067903	575,770	49.68%	.996038	578,060
---Adhesives and sealants	067904	150,364	12.97%	1.036657	145,047
---Other miscellaneous chemical products	067909	63,272	5.46%	1.038980	60,898
----Salt, evaporated and solar	06790904	19,170	1.65%	1.038980	18,451 ><
Pool 1 Totals/Weighted average pool index		1,158,892	100.00%	1.012672	1,144,391
				Pool index	
POOL NUMBER:2 Metal and metal products(10)					
---Pressure and soil pipe & fittings, cast iron	101502	153,856	0.52%	1.042427	147,594
----Copper and copper alloy pipe and tube	10250239	1,132,817	3.86%	.907574	1,248,181
---Other nonferrous mill shapes	102519	16,720	0.06%	1.078799	15,499
--Nonferrous wire and cable	1026	122,461	0.42%	1.018337	120,256
--Hand and edge tools	1042	202,444	0.69%	1.024401	197,622
-Plumbing fixtures and fittings	105	1,411,370	4.81%	1.048271	1,346,380
--Vitreous china plumbing fixtures and china & earthenware bathroom accessories	1052^	100,387	0.34%	1.048271	95,764 ><
--Plumbing fixture fittings and trim	1054	22,637	0.08%	1.064293	21,270
---Plumbing fixtures, fittings, and trim	105402	148,960	0.51%	1.063984	140,002
----Bath and shower fittings	10540211	708,628	2.41%	1.092474	648,645
----Lavatory and sink fittings	10540218	2,083,604	7.10%	1.064944	1,956,539
----Miscellaneous plumbing fixtures, fittings, and trim	10540223	646,742	2.20%	1.031849	626,779
--Enameled iron & metal sanitary ware	1056^	34,536	0.12%	1.020751	33,834
-Heating equipment	106	235,298	0.80%	1.051024	223,875
--Steam and hot water equipment	1061	4,373,695	14.90%	1.042644	4,194,812
--Furnaces and heaters, including parts	1062	4,074,192	13.88%	1.052391	3,871,369
--Other heating equipment, non-electric, including parts	1063^	3,460,332	11.79%	1.036280	3,339,186
--Domestic water heaters	1066	4,377,407	14.91%	1.080717	4,050,463
---Metal doors and frames (except storm)	107102^	46,981	0.16%	1.069291	43,937
--Metal tanks	1072	414,588	1.41%	1.099944	376,917
--Sheet metal products	1073	394,594	1.34%	1.068695	369,230
----Sheet metal air-conditioning ducts and stove pipe	10730120	2,231,638	7.60%	1.006849	2,216,457
----Other sheet metal work	107301G				
----Sheet metal roof ventilators, louvers, & dampers for heating, ventilation, and air conditioning	107301G1	160,380	0.55%	1.056568	151,793 ><
---Ornamental and architectural metal work	107408				
----Metal grilles, registers and air diffusers	10740811	556,509	1.90%	1.147114	485,139 ><
---Fabricated metal pipe, tube, and fittings	107411^	1,896,199	6.46%	1.046351	1,812,201
--Fabricated steel plate	1076^	53,318	0.18%	1.018946	52,327
--Bolts, nuts, screws, rivets, and washers	1081	19,056	0.06%	1.043796	18,256
---Steel nails, staples, tacks, spikes and brads	108812^	31,425	0.11%	1.139934	27,568
----Other fabricated metal products	10890589	248,735	0.85%	1.102318	225,647
Pool 2 Totals/Weighted average pool index		29,359,510	100.00%	1.046404	28,057,542
				Pool index	
POOL NUMBER:3 Machinery and equipment(11)					
--Finished lubricants	0576	26,155	0.08%	1.090909	23,976
--Miscellaneous rubber products	0713	142,580	0.43%	1.018154	140,038
---Rubber and plastics hose	071304	15,299	0.05%	1.040000	14,711
---Plastic construction products	072106	82,374	0.25%	1.004398	82,013
----Plastics pipe	07210603	984,362	2.94%	.934711	1,053,119
----Plastics pipe fittings and unions	07210604	1,367,790	4.08%	1.062500	1,287,331
----Plastics plumbing fixtures	07210605	474,115	1.41%	1.031967	459,428
----Other plastic construction products	07210606	55,509	0.17%	1.028860	53,952
--Consumer, institutional, and commercial products, n.e.c.	072B	48,750	0.15%	1.033358	47,176
---General millwork	082101				

## IPIC LIFO Index Calculation Report (Report 23)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:19:52 PM

DETAIL OF IPIC LIFO INDEX CALCULATIONS BY POOL REPORT 23  
FOR PERIOD ENDED Dec, 2018

-----PPI CATEGORY----- ----- NAME -----	CATEGORY NUMBER	YEAR-END INVENTORY BALANCE	% OF POOL INV.	CATEGORY INDEX FROM REPORT 24	HARMONIC DOLLARS WEIGHTED QUOTIENT
----Stock wood kitchen cabinets, related cabinetwork and countertops	08210102	31,925	0.10%	1.018061	31,359
----Stock wood bathroom vanities and related bathroom cabinetwork including	08210104	15,219	0.05%	1.034736	14,708 ><
--Pressure-sensitive products	0916^	170,425	0.51%	1.062637	160,379
--Power-driven handtools, including parts and attachments	1132	975,047	2.91%	1.018562	957,279
--Pumps, compressors, and equipment	1141	1,468,093	4.38%	1.039670	1,412,076
--Air purification equipment and industrial and commercial fans and blowers	1147	5,063	0.02%	1.044837	4,845
---Fan, blower, air purification equipment	114701	42,568	0.13%	1.044837	40,742
----Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, except	114701431	387,479	1.16%	1.053571	367,776
----Industrial and commercial fans and blowers	11470145	108,775	0.32%	1.067259	101,920
--Air conditioning and refrigeration equip	1148	7,133,207	21.27%	1.052348	6,778,376
---Unitary air-conditioners, except air source heat pumps	114802^	207,085	0.62%	1.069412	193,644
---All other miscellaneous refrigeration and air-conditioning equipment	114806^	99,843	0.30%	.994318	100,413
---Heat transfer equipment, including heat pumps	114807	10,340,642	30.84%	1.064982	9,709,688
----Heat pumps	11480734	415,113	1.24%	1.064457	389,976
---Parts and accessories for air conditioning and heat transfer equipment	114809^	646,683	1.93%	1.041618	620,845
--Miscellaneous general purpose equipment	1149	274,418	0.82%	1.038362	264,280
---Metal valves, except fluid power	114902	1,022,757	3.05%	1.055783	968,719
----Industrial ball valves, incl. manual and power operated	11490202	28,248	0.08%	1.078117	26,201
----Industrial plug valves	11490204	14,062	0.04%	1.031788	13,629
----Automatic regulating and control valves	11490211	29,663	0.09%	1.063818	27,883
---Metal pipe fittings, flanges, and unions	114903^	1,886,437	5.63%	1.056138	1,786,165
---Filters and strainers	114908	118,651	0.35%	1.013300	117,093
--Service industry machinery and parts	1168	122,061	0.36%	1.017298	119,986
-Electrical machinery and equipment	117	21,731	0.06%	1.019417	21,317
--Motors, generators, motor generator sets	1173	231,138	0.69%	1.038334	222,604
-Miscellaneous instruments	118	413,048	1.23%	1.017553	405,923
--Automatic environmental controls for monitoring residential, commercial, and	1181^	2,856,794	8.52%	1.050000	2,720,756
---Household refrigeration equipment	124103				
----Parts and attachments for household refrigerators and freezers	12410339	9,727	0.03%	1.004069	9,688 ><
---Other major household appliances including room air-conditioners	124104	194,845	0.58%	1.004431	193,985
--Insulation materials	1392	988,089	2.95%	1.060190	931,992
--Cut stone and stone products	1395	44,068	0.13%	1.035779	42,546
----Other motor vehicle parts	14120508	13,131	0.04%	.996310	13,180
--Medical and surgical appliances and supplies	1563	18,630	0.06%	1.016224	18,332
Pool 3 Totals/Weighted average pool index		33,531,598	100.00%	1.049501	31,950,050
				Pool index	
GRAND TOTAL INVENTORY DOLLARS		64,050,000			

Inflation rates are Nov 2018 PPI Prelim indexes divided by Nov 2017 Prelim indexes as shown on Report 24.

IPIC data file used for calculations:Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLEALER\DIS\Sample\_HVAC\_DIS\_2018YE.xlsx-DIS2018Book

>< No index published for this category. Indexes(this year & last) for the next less detailed category containing this category were used.

^This category subsumes a more detailed PPI category but it is not listed because there is a single such category and the inflation rate is identical to this category's and no \$s were assigned to it.

Company data folder= Y:\LIFOPRO1\Sample\_HVAC\_Wholesaler\LPSW\_Data\_Files\

LIFO-PRO software version used: 18Aug2019. Program file path= C:\SmallVersionWithFSO-Net-121718

BLS folder= C:\SmallVersionWithFSO-Net-121718\bls\

**This shows the details of the pool index calculations using Harmonic Mean Weighting specified in the IRS Regulations.**

## IPIC LIFO Index by PPI Code Report (Report 24)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:19:52 PM

DETAIL OF IPIC LIFO INFLATION INDEXES REPORT 24  
FOR PERIOD ENDED Dec, 2018

-----PPI CATEGORY----- ----- NAME -----	CATEGORY NUMBER	Prelim --BLS INDEXES-- Nov 2018	Prelim Nov 2017	CUR YEAR INFLATION INDEX To Report 23
POOL NUMBER:1 Chemicals and allied products(06)				
--Other chemicals and allied products	067	204.8	199.9	1.024512 INDEX USED
---Industrial gases	067903	251.4	252.4	.996038 INDEX USED
---Adhesives and sealants	067904	263.0	253.7	1.036657 INDEX USED
---Other miscellaneous chemical products	067909	215.9	207.8	1.038980 INDEX USED
----Salt, evaporated and solar	06790904	215.9	207.8	1.038980 INDEX USED(067909) TF
POOL NUMBER:2 Metal and metal products(10)				
--Pressure and soil pipe & fittings, cast iron	101502	405.4	388.9	1.042427 INDEX USED
----Copper and copper alloy pipe and tube	10250239	201.3	221.8	.907574 INDEX USED
---Other nonferrous mill shapes	102519	230.0	213.2	1.078799 INDEX USED
--Nonferrous wire and cable	1026	249.9	245.4	1.018337 INDEX USED
--Hand and edge tools	1042	239.3	233.6	1.024401 INDEX USED
-Plumbing fixtures and fittings	105	275.8	263.1	1.048271 INDEX USED
--Vitreous china plumbing fixtures and china & earthenware bathroom accessor	1052^	275.8	263.1	1.048271 INDEX USED(105) TP
--Plumbing fixture fittings and trim	1054	322.8	303.3	1.064293 INDEX USED
---Plumbing fixtures, fittings, and trim	105402	322.6	303.2	1.063984 INDEX USED
----Bath and shower fittings	10540211	272.9	249.8	1.092474 INDEX USED
----Lavatory and sink fittings	10540218	160.7	150.9	1.064944 INDEX USED
----Miscellaneous plumbing fixtures, fittings, and trim	10540223	317.5	307.7	1.031849 INDEX USED
--Enameled iron & metal sanitary ware	1056^	231.2	226.5	1.020751 INDEX USED
-Heating equipment	106	271.9	258.7	1.051024 INDEX USED
--Steam and hot water equipment	1061	293.4	281.4	1.042644 INDEX USED
--Furnaces and heaters, including parts	1062	206.9	196.6	1.052391 INDEX USED
--Other heating equipment, non-electric, including parts	1063^	248.5	239.8	1.036280 INDEX USED
--Domestic water heaters	1066	409.7	379.1	1.080717 INDEX USED
---Metal doors and frames (except storm)	107102^	260.8	243.9	1.069291 INDEX USED
--Metal tanks	1072	197.0	179.1	1.099944 INDEX USED
--Sheet metal products	1073	217.8	203.8	1.068695 INDEX USED
----Sheet metal air-conditioning ducts and stove pipe	10730120	176.4	175.2	1.006849 INDEX USED
----Other sheet metal work	107301G	110.2	104.3	1.056568
----Sheet metal roof ventilators, louvers, & dampers for heating, ventilation, an	107301G1	110.2	104.3	1.056568 INDEX USED(107301G) 1
---Ornamental and architectural metal work	107408	308.0	268.5	1.147114
----Metal grilles, registers and air diffusers	10740811	308.0	268.5	1.147114 INDEX USED(107408) TF
---Fabricated metal pipe, tube, and fittings	107411^	106.1	101.4	1.046351 INDEX USED
--Fabricated steel plate	1076^	220.5	216.4	1.018946 INDEX USED
--Bolts, nuts, screws, rivets, and washers	1081	200.2	191.8	1.043796 INDEX USED
---Steel nails, staples, tacks, spikes and brads	108812^	172.7	151.5	1.139934 INDEX USED
----Other fabricated metal products	10890589	195.0	176.9	1.102318 INDEX USED
POOL NUMBER:3 Machinery and equipment(11)				
--Finished lubricants	0576	428.4	392.7	1.090909 INDEX USED
--Miscellaneous rubber products	0713	201.9	198.3	1.018154 INDEX USED
---Rubber and plastics hose	071304	252.2	242.5	1.040000 INDEX USED
---Plastic construction products	072106	228.4	227.4	1.004398 INDEX USED
----Plastics pipe	07210603	113.1	121.0	.934711 INDEX USED
----Plastics pipe fittings and unions	07210604	168.3	158.4	1.062500 INDEX USED
----Plastics plumbing fixtures	07210605	125.9	122.0	1.031967 INDEX USED
----Other plastic construction products	07210606	213.9	207.9	1.028860 INDEX USED

## IPIC LIFO Index by PPI Code Report (Report 24)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:19:52 PM

**DETAIL OF IPIC LIFO INFLATION INDEXES REPORT 24**  
**FOR PERIOD ENDED Dec, 2018**

-----PPI CATEGORY----- ----- NAME -----	CATEGORY NUMBER	Prelim Prelim CUR YEAR --BLS INDEXES-- INFLATION		INDEX	
		Nov 2018	Nov 2017		
--Consumer, institutional, and commercial products, n.e.c.	072B	139.4	134.9	1.033358	INDEX USED
---General millwork	082101	253.2	244.7	1.034736	
----Stock wood kitchen cabinets, related cabinetwork and countertops	08210102	107.1	105.2	1.018061	INDEX USED
----Stock wood bathroom vanities and related bathroom cabinetwork including	08210104	253.2	244.7	1.034736	INDEX USED(082101) P
--Pressure-sensitive products	0916^	193.4	182.0	1.062637	INDEX USED
--Power-driven handtools, including parts and attachments	1132	175.6	172.4	1.018562	INDEX USED
--Pumps, compressors, and equipment	1141	264.7	254.6	1.039670	INDEX USED
--Air purification equipment and industrial and commercial fans and blowers	1147	230.7	220.8	1.044837	INDEX USED
---Fan, blower, air purification equipment	114701	230.7	220.8	1.044837	INDEX USED
----Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, excep	114701431	118.0	112.0	1.053571	INDEX USED
----Industrial and commercial fans and blowers	11470145	168.2	157.6	1.067259	INDEX USED
--Air conditioning and refrigeration equip	1148	195.0	185.3	1.052348	INDEX USED
---Unitary air-conditioners, except air source heat pumps	114802^	181.8	170.0	1.069412	INDEX USED
---All other miscellaneous refrigeration and air-conditioning equipment	114806^	210.0	211.2	.994318	INDEX USED
---Heat transfer equipment, including heat pumps	114807	118.0	110.8	1.064982	INDEX USED
----Heat pumps	11480734	115.6	108.6	1.064457	INDEX USED
---Parts and accessories for air conditioning and heat transfer equipment	114809^	180.2	173.0	1.041618	INDEX USED
--Miscellaneous general purpose equipment	1149	281.5	271.1	1.038362	INDEX USED
---Metal valves, except fluid power	114902	335.0	317.3	1.055783	INDEX USED
----Industrial ball valves, incl. manual and power operated	11490202	437.5	405.8	1.078117	INDEX USED
----Industrial plug valves	11490204	233.7	226.5	1.031788	INDEX USED
----Automatic regulating and control valves	11490211	191.7	180.2	1.063818	INDEX USED
---Metal pipe fittings, flanges, and unions	114903^	312.3	295.7	1.056138	INDEX USED
---Filters and strainers	114908	243.8	240.6	1.013300	INDEX USED
--Service industry machinery and parts	1168	247.0	242.8	1.017298	INDEX USED
-Electrical machinery and equipment	117	115.5	113.3	1.019417	INDEX USED
--Motors, generators, motor generator sets	1173	219.4	211.3	1.038334	INDEX USED
-Miscellaneous instruments	118	202.9	199.4	1.017553	INDEX USED
--Automatic environmental controls for monitoring residential, commercial, anc	1181^	178.5	170.0	1.050000	INDEX USED
---Household refrigeration equipment	124103	98.7	98.3	1.004069	
----Parts and attachments for household refrigerators and freezers	12410339	98.7	98.3	1.004069	INDEX USED(124103) TF
---Other major household appliances including room air-conditioners	124104	136.0	135.4	1.004431	INDEX USED
--Insulation materials	1392	200.8	189.4	1.060190	INDEX USED
--Cut stone and stone products	1395	170.8	164.9	1.035779	INDEX USED
----Other motor vehicle parts	14120508	108.0	108.4	.996310	INDEX USED
--Medical and surgical appliances and supplies	1563	206.7	203.4	1.016224	INDEX USED

IPIC data file used for calculations:Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLEALER\DIS\Sample\_HVAC\_DIS\_2018YE.xlsx-DIS2018Book

No index published for categories above with PPI Code in parenthesis in rightmost column. Indexes(this year & last)

for the next less detailed category(indicated in parenthesis) containing this category were used. The letter T in the rightmost column indicates this year's index was missing and the letter P indicates the prior year's index was missing.

^This category subsumes a more detailed PPI category but it is not listed because there is a single such category and the inflation rate is identical to this category's and no \$s were assigned to it.

**This report shows the current and prior year inflation indexes and calculation of current year inflation index for all PPI categories.**

## Replaced & Discontinued PPI Codes Report (Report 25)

HVAC Parent

9/23/2019 6:05:39 PM

PPI CATEGORY REASSIGNMENTS REQUIRED FOR DISCONTINUED & RECODED CATEGORIES REPORT 25  
FOR PERIOD ENDED DEC, 2018

-----REPLACEMENT PPI CATEGORY-----	BLS CAT	-----REPLACED(DISCONTINUED) PPI CATEGORY-----	BLS CAT	DATE	FIFO \$\$
-----NAME-----	NUMBER	-----NAME-----	NUMBER	DISCON'D	ASSIGNED
Furnaces and heaters, including parts	106201	Warm air furnaces, humidifiers, & elect. comfort eq.	10620132	6/1999	31,925
Other heating equipment, non-electric, including parts	10630161	Gas burners over 400 mbh	10630116	6/1999	46,981
Domestic heating stoves	10640141	Wood/coal stoves, air tight	10640126	6/1999	18,630
Unitary air-conditioners, except air source heat pumps	11480222	Ground and ground water source heat pump	11480223	12/2004	9,727
All other miscellaneous refrigeration and air-conditioning equipment	11480631	Icemaking machines	11480603	6/1997	19,056
All other miscellaneous refrigeration and air-conditioning equipment	11480631	Liquid chiller, centrifugal and reciprocating	11480623	12/2001	16,720
Heat transfer equipment, except dehumidifiers	11480732	Finned coils, all types	11480117	6/1997	31,425
Refrigerant compressors, except automotive	114808	Refrigerant compressors	114804	12/2011	44,068

The PPI category replacements listed above were made on Reports 23 & 24. The categories subject to replacement on those reports have the @ symbol suffix in their PPI code. FIFO balances should not be assigned to the discontinued categories in the future.

**Categories discontinued but no reassignment made because there is more than one PPI category that could be used in its place:**

**Manual reassignment of category(s) are required for these on the Excel input schedule listing FIFO balances by PPI category**

Cast iron heating boilers, radiators and convectors	10610106	Oil heating boilers	10610103	6/1999	142,580
Steel heating boilers (15 psi or less) and all hot water heating boilers (except parts)	10610112	Oil heating boilers	10610103	6/1999	

The categories below were recoded by the BLS on the date shown below. The prior periods' index history is retained for a recoded category; a new commodity code is assigned to a category that already exists.

Heat pumps	11480734	Heat pumps	11480134	12/2011	29,663
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**This report shows the PPI categories assigned to inventory balances on the Excel input schedule which have been discontinued or recoded. Separate sections are printed for: 1) Categories that replacements were automatically made by the LIFO-PRO software 2) Categories that replacements will be made for future periods based on when the categories were discontinued.**

## IPIC 5% Method Proof Report (Report 26)

**HVAC Equip & Supplies Wholesaler**  
**IPIC POOLING METHOD EXCEPTION REPORT**  
**FOR PERIOD ENDED DEC, 2018**

**8/18/2019 1:19:52 PM**  
**REPORT 26**

<b>CURRENT-YEAR COST FOR EXISTING LIFO POOLS:</b>		<b>Inventory</b>	<b>% of</b>
<b>NO</b>	<b>PPI 2-DIGIT CODES</b>	<b>Balance</b>	<b>Total</b>
1	Chemicals and allied products(06)	1,158,892	1.8%
2	Metal and metal products(10)	29,359,510	45.8%
3	Machinery and equipment(11)	33,531,598	52.4%
	<b>Total</b>	<b>64,050,000</b>	<b>100.0%</b>

<b>CURRENT-YEAR COST FOR EACH PPI 2-DIGIT CODES:</b>		<b>Inventory</b>	<b>% of</b>
<b>NO</b>	<b>PPI 2-DIGIT CODES</b>	<b>Balance</b>	<b>Total</b>
1	Farm products(01)	0	
2	Processed food(02)	0	
3	Textile products & apparel(03)	0	
4	Leather products(04)	0	
5	Fuels(05)	26,155	.0%
6	Chemical & allied products(06)	1,158,892	1.8%
7	Rubber & plastic products(07)	3,170,778	5.0%
8	Lumber & wood products(08)	47,144	.1%
9	Paper products(09)	170,425	.3%
10	Metal & metal products(10)	29,359,510	45.8%
11	Machinery & equipment(11)	28,848,604	45.0%
12	Furniture & household durables(12)	204,572	.3%
13	Nonmetallic mineral products(13)	1,032,157	1.6%
14	Transportation equipment(14)	13,131	.0%
15	Miscellaneous products(15)	18,630	.0%
	<b>Total</b>	<b>64,050,000</b>	<b>100.0%</b>

**LIFO POOLS FOR EACH PPI 2-DIGIT CODE WITH > 5% OF TOTAL CURRENT-YEAR COST:**

<b>NO</b>	<b>PPI 2-DIGIT CODES</b>	<b>Inventory</b>	<b>% of</b>
		<b>Balance</b>	<b>Total</b>
1	Metal & metal products(10)	29,359,510	45.8%
2	Machinery & equipment(11)	28,848,604	45.0%
3	All other(< 5%) pool	5,841,885	9.1%
	<b>Total</b>	<b>64,050,000</b>	<b>100.0%</b>

**Shows which of the 8 CPI or 15 PPI BLS Major Category or Commodity Groups are to be LIFO pools based on inclusion of 5% or more of total inventory per IRS Reg. Sec. 1.472-8(c)(2) for establishing pools.**

## IPIC Data Input Sheet

Data Input Sheet for: Sample HVAC Equipment & Supplies Wholesaler  
For the year ended: 12/31/2018

BLS Category Number	Year End Inventory Balance	BLS Category Description
067903	575,770	~~Industrial gases
114807	10,340,642	~~Heat transfer equipment, including heat pumps
1066	4,377,407	~~Domestic water heaters
1392	988,089	~~Insulation materials
1063	3,460,332	Other heating equipment, non-electric, including parts
1061	4,373,695	~~Steam and hot water equipment
1148	7,133,207	~~Air conditioning and refrigeration equip
1062	4,074,192	Furnaces and heaters, including parts
1141	1,468,093	~~Pumps, compressors, and equipment
1072	414,588	~~Metal tanks
1181	2,856,794	Automatic environmental controls for monitoring residential, commercial, and appliance use
1132	975,047	~~Power-driven handtools, including parts and attachments
107411	1,896,199	Fabricated metal pipe, tube, and fittings
1173	231,138	~~Motors, generators, motor generator sets
10730120	2,231,638	Sheet metal air-conditioning ducts and stove pipe
10250239	1,132,817	Copper and copper-base alloy pipe and tube
07210603	984,362	~~Plastics pipe
114806	99,843	All other miscellaneous refrigeration and air-conditioning equipment
105	1,411,370	~~Plumbing fixtures and fittings
118	413,048	~~Miscellaneous instruments
11480734	415,113	Heat pumps
124104	194,845	~~Other major household appliances including room air-conditioners
07210605	474,115	Plastics plumbing fixtures
067	350,315	~~Other chemicals and allied products
0916	170,425	Pressure-sensitive products
114809	646,683	Parts and accessories for air conditioning and heat transfer equipment
106	235,298	~~Heating equipment
114902	1,022,757	~~Metal valves, except fluid power
10540223	646,742	Other plumbing fixture fittings and trim
1168	122,061	~~Service industry machinery and parts
1026	122,461	~~Nonferrous wire and cable
1042	202,444	~~Hand and edge tools
10540211	708,628	Bath and shower fittings
10540218	2,083,604	Lavatory and sink fittings
1076	53,318	Fabricated steel plate
1149	274,418	~~Miscellaneous general purpose equipment
10740811	556,509	Metal grilles, registers and air diffusers
0576	26,155	~~Finished lubricants
067909	63,272	~~Other miscellaneous chemical products
10890589	248,735	Other fabricated metal products
1073	394,594	~~Sheet metal products
114908	118,651	~~Filters and strainers
114802	207,085	Unitary air-conditioners, except air source heat pumps
072B	48,750	Consumer, institutional, and commercial products, n.e.c.
114903	1,886,437	Metal pipe fittings, flanges, and unions
07210604	1,367,790	Plastics pipe fittings and unions
114701	42,568	~~Fan, blower, air purification equipment
105402	148,960	~~Plumbing fixture fittings and trim
072106	82,374	~~Plastic construction products
107301G1	160,380	<<No indexes for 5+ years>>Sheet metal roof ventilators, louvers, & dampers for heating, ventilation, and air-conditioning
11470145	108,775	~~Industrial and commercial fans and blowers
1056	34,536	Enameled iron & metal sanitary ware
06790904	19,170	Salt, evaporated and solar
101502	153,856	~~Pressure and soil pipe & fittings, cast iron



## IPIC Data Input Sheet

Data Input Sheet for: Sample HVAC Equipment & Supplies Wholesaler  
 For the year ended: 12/31/2018

BLS Category Number	Year End Inventory Balance	BLS Category Description
11490202	28,248	Industrial ball valves, incl. manual and power operated
067904	150,364	~~Adhesives and sealants
114701431	387,479	Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, except parts
117	21,731	~~Electrical machinery and equipment
07210606	55,509	Other plastic construction products
1052	100,387	Vitreous china plumbing fixtures and china & earthenware bathroom accessories
0713	142,580	~~Miscellaneous rubber products
08210102	31,925	Stock wood kitchen cabinets, related cabinetwork and countertops
107102	46,981	Metal doors and frames (except storm)
1563	18,630	~~Medical and surgical appliances and supplies
108812	31,425	Steel nails, staples, tacks, spikes and brads
11490211	29,663	Automatic regulating and control valves
12410339	9,727	Parts and attachments for household refrigerators and freezers
1395	44,068	~~Cut stone and stone products
1081	19,056	~~Bolts, nuts, screws, rivets, and washers
102519	16,720	~~Other nonferrous mill shapes
1147	5,063	~~Air purification equipment and industrial and commercial fans and blowers
071304	15,299	~~Rubber and plastics hose
11490204	14,062	Industrial plug valves
08210104	15,219	Stock wood bathroom vanities and related bathroom cabinetwork including tops
14120508	13,131	Other motor vehicle parts
1054	22,637	~~Plumbing fixture fittings and trim
Sheet Total	64,050,000	

**This report is the source document for external index calculations as it shows the Excel file imported into the software containing BLS categories & inventory balances.**



## Consolidated Reports for Multiple/Separate Entities or Locations (Report 18c)

**COMBINED REPORT 18**

**ACTUAL YEAR-END LIFO CALCULATION SUMMARY REPORT 18c**

**8/18/2019 1:30:47 PM**

**COMPANY TOTALS ONLY**

COMPANY NAME	CURRENT YEAR COST	CURRENT DEFLATOR INDEX	LIFO INVENTORY	THIS YEAR LIFO RESERVE	PRIOR YEAR LIFO RESERVE	LIFO EXPENSE
HVAC Parent 12/31/2017	61,000,000	1.023087	59,864,817	1,135,183	891,764	243,419
HVAC Subsidiary A 12/31/2017	4,091,432	1.031458	2,641,440	1,449,992	1,340,578	109,414
HVAC Subsidiary B 12/31/2017	1,756,682	1.073339	531,734	1,224,948	1,110,033	114,915
HVAC Subsidiary C 12/31/2017	3,321,441	1.017308	2,467,432	854,009	806,867	47,142
HVAC Subsidiary D 12/31/2017	6,405,601	1.025270	4,625,974	1,779,627	1,645,986	133,641
HVAC Subsidiary E 12/31/2017	25,098,631	1.013635	11,023,628	14,075,003	13,743,880	331,123
HVAC Subsidiary F 12/31/2017	7,360,760	1.015929	2,858,364	4,502,396	4,392,906	109,490
Grand total	109,034,547	1.021441	84,013,389	25,021,158	23,932,014	1,089,144

**This report is used for companies needing to combine the results of separate LIFO calculations made for multiple entities or locations. The balances shown above provide all required amounts for making the required GL entries (LIFO expense = change between current vs. prior period LIFO reserve. LIFO expense represents decreased income while a negative LIFO expense amount is called LIFO income & represents increased income.)**

## Consolidated Reports for Multiple/Separate Entities or Locations (Report 18c)

**COMBINED REPORT 18**

**ACTUAL YEAR-END LIFO CALCULATION SUMMARY REPORT 18c**

**8/18/2019 1:30:47 PM**

**POOL DETAIL**

POOL NO.	POOL NAME	CURRENT YEAR COST	CURRENT	CUMLTV	CUMLTV	LIFO INVENTORY	THIS YEAR	PRIOR YEAR	LIFO EXPENSE
			DEFLATOR INDEX	DEFLATOR INDEX	INFLATOR INDEX		LIFO RESERVE	LIFO RESERVE	
HVAC Parent 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Parent\									
1	Chemicals and allied products(06	1,103,707	1.012496	1.569370	1.569370	1,031,762	71,944	62,855	9,089
2	Metal and metal products(10)	27,961,438	1.020349	1.581542	1.581542	27,694,342	267,096	216,188	50,908
3	Machinery and equipment(11)	31,934,855	1.025869	1.590098	1.590098	31,138,712	796,143	612,721	183,422
	Totals/avg.	61,000,000	1.023087			59,864,817	1,135,183	891,764	243,419
HVAC Subsidiary A 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary A\									
1	All Inventories	4,091,432	1.031458	1.468385	1.468385	2,641,440	1,449,992	1,340,578	109,414
	Totals/avg.	4,091,432	1.031458			2,641,440	1,449,992	1,340,578	109,414
HVAC Subsidiary B 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary B\									
1	All Inventories	1,756,682	1.073339	1.466108	1.466108	531,734	1,224,948	1,110,033	114,915
	Totals/avg.	1,756,682	1.073339			531,734	1,224,948	1,110,033	114,915
HVAC Subsidiary C 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary C\									
1	All Inventories	3,321,441	1.017308	1.430840	1.430840	2,467,432	854,009	806,867	47,142
	Totals/avg.	3,321,441	1.017308			2,467,432	854,009	806,867	47,142
HVAC Subsidiary D 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary D\									
1	All Inventories	6,405,601	1.025270	1.378300	1.378300	4,625,974	1,779,627	1,645,986	133,641
	Totals/avg.	6,405,601	1.025270			4,625,974	1,779,627	1,645,986	133,641
HVAC Subsidiary E 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary E\									
1	All Inventories	25,098,631	1.013635	1.464229	1.464229	11,023,628	14,075,003	13,743,880	331,123
	Totals/avg.	25,098,631	1.013635			11,023,628	14,075,003	13,743,880	331,123
HVAC Subsidiary F 12/31/2017 Data path:Y:\LIFOPRO1\SAMPLE_HVAC_WHOLESALE\LPSW_Data_Files\Consolidated\HVAC Subsidiary F\									
1	All Inventories	7,360,760	1.015929	1.465969	1.465969	2,858,364	4,502,396	4,392,906	109,490
	Totals/avg.	7,360,760	1.015929			2,858,364	4,502,396	4,392,906	109,490
	Grand total	109,034,547	1.021441			84,013,389	25,021,158	23,932,014	1,089,144

**This is the pool detail version of the Consolidated Report 18c. As seen above, results are presented by LIFO pool for each entity, but are also summarized on the last row of the report.**

## Consolidated Book & Tax LIFO Reports for Deferred Tax & Schedule M Entries

COMBINED REPORT 18						
ACTUAL YEAR-END LIFO CALCULATION SUMMARY REPORT 18c						
COMPANY TOTALS ONLY						
	CURRENT	CURRENT	LIFO	THIS YEAR	PRIOR YEAR	
COMPANY NAME	YEAR COST	DEFLATOR	INVENTORY	LIFO	LIFO	LIFO
		INDEX		RESERVE	RESERVE	EXPENSE
ABC Corporation Book LIFO 9/28/2019	1,456,837,255	1.009057	1,249,872,547	206,964,708	194,067,203	12,897,504
ABC Corporation Tax LIFO 9/28/2019	1,464,205,705	1.012845	1,089,500,517	374,705,188	356,326,385	18,378,803
Grand total	2,921,042,960	1.010952	2,339,373,065	581,669,895	550,393,588	31,276,307

This report is used for companies who have separate financial reporting (book) & tax LIFO calculations. The results above provide the amounts required to compute Book vs. Tax LIFO reserve differences for deferred tax financial reporting entries and/or schedule M adjustment amounts.

## Consolidated Book & Tax LIFO Reports for Deferred Tax & Schedule M Entries

COMBINED REPORT 18									
ACTUAL YEAR-END LIFO CALCULATION SUMMARY					REPORT 18c				
					9/14/2019 12:24:26 PM				
POOL DETAIL									
POOL NO.	POOL NAME	CURRENT YEAR COST	CURRENT DEFLATOR INDEX	CUMLTV DEFLATOR INDEX	CUMLTV INFLATOR INDEX	LIFO INVENTORY	THIS YEAR LIFO RESERVE	PRIOR YEAR LIFO RESERVE	LIFO EXPENSE
ABC Corporation Book LIFO 9/28/2019 Data path:Y:\LIFOPRO1\SAMPLEBOOKTAXCONSOLIDATED\Book\									
1	Grocery	1,223,002,191	1.009135	1.303500	E 1.303500	1,036,999,041	186,003,150	174,931,860	11,071,290
2	Meat	233,835,064	1.008646	1.295000	1.295000	212,873,506	20,961,558	19,135,343	1,826,214
	Totals/avg.	1,456,837,255	1.009057			1,249,872,547	206,964,708	194,067,203	12,897,504
ABC Corporation Tax LIFO 9/28/2019 Data path:Y:\LIFOPRO1\SAMPLEBOOKTAXCONSOLIDATED\Tax\									
1	Processed food(02) & all other(<5%)	1,241,787,218	1.011688	1.280113	E 1.280113	928,404,147	313,383,071	299,036,781	14,346,291
2	Chemical products(06)	149,222,398	1.019379	1.315884	E 1.315884	102,968,472	46,253,926	43,607,420	2,646,506
3	Paper products(09)	73,196,089	1.019301	1.155826	E 1.155826	58,127,898	15,068,191	13,682,184	1,386,006
	Totals/avg.	1,464,205,705	1.012845			1,089,500,517	374,705,188	356,326,385	18,378,803
	Grand total	2,921,042,960	1.010952			2,339,373,065	581,669,895	550,393,588	31,276,307

**This is the pool detail version of the Consolidated Report 18c. As seen above, results are presented by LIFO pool for both book & tax. The above report illustrates how companies can make separate book vs. tax LIFO calculations despite having different LIFO pools & inventory balances while also being able to consolidate these results to greatly simplify accounting for book vs. tax LIFO differences.**

## LIFO Projections Report (Report 1)

HVAC Equip & Supplies Wholesaler

8/18/2019 1:25:10 PM

LIFO PROJECTION REPORT FOR RANGE OF FIFO INVENTORY VALUES & INDEXES REPORT 1

PROJECTION FOR:12/31/2019 For Pool 1 Chemicals and allied products(06)

CURRENT-YEAR	-----LIFO EXPENSE (INCOME) USING INDEXES ON FOLLOWING ROW-----														
COST VALUES	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11
800,000	-63,524	-58,316	-53,214	-48,214	-43,314	-38,509	-33,797	-29,176	-24,643	-20,196	-15,832	-11,548	-7,344	-3,215	839
850,000	-45,417	-39,885	-34,464	-29,152	-23,944	-18,839	-13,833	-8,923	-4,107	618	5,255	9,806	14,274	18,660	22,968
900,000	-32,570	-23,607	-15,713	-10,089	-4,575	830	6,131	11,329	16,429	21,432	26,342	31,161	35,891	40,536	45,096
950,000	-31,766	-22,181	-12,790	-3,587	5,351	14,081	22,641	31,037	36,965	42,246	47,429	52,515	57,509	62,411	67,225
1,000,000	-32,529	-22,141	-11,963	-1,988	7,789	17,265	26,394	35,347	44,129	52,698	61,045	69,237	77,279	84,287	89,354
1,050,000	-33,431	-22,523	-11,836	-1,363	8,903	18,968	28,837	38,517	48,012	57,328	66,386	75,100	83,655	92,053	100,285
1,100,000	-34,332	-22,905	-11,709	-737	10,018	20,562	30,901	41,041	50,989	60,748	70,325	79,725	88,952	98,012	106,908
1,150,000	-34,767	-23,178	-11,589	-111	11,132	22,156	32,965	43,566	53,965	64,168	74,181	84,008	93,655	103,126	112,427
1,200,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,091	56,942	67,589	78,037	88,291	98,357	108,240	117,945
1,250,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,574	103,060	113,354	123,464
1,300,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,350,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,400,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,450,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,500,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,550,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,600,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,650,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,700,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,750,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,800,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,850,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,900,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
1,950,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478
2,000,000	-34,767	-23,178	-11,589	0	11,589	23,178	34,767	46,356	57,945	69,533	81,122	92,711	104,300	115,889	127,478

Actual FIFO balance at 12/31/2018 year end: 1,158,892

Actual current year LIFO index for 12/31/2018 year end: 1.013

12/31/2019 Minimum FIFO balance required to avoid LIFO layer erosions:

1,124,125 1,135,714 1,147,303 1,158,892 1,170,481 1,182,070 1,193,659 1,205,248 1,216,837 1,228,426 1,240,014 1,251,603 1,263,192 1,274,781 1,286,370

This shows the next year LIFO expense (income) amounts that would result from the range of year end inventory current year cost (FIFO or average cost) balances shown in the leftmost column and the range of inflation indexes shown on the sixth row.

## UNICAP Reports

HVAC Equip & Supplies Wholesaler

8/18/2019 1:24:09 PM

ACTUAL YEAR-END LIFO SUMMARY WITH UNICAP COSTS REPORT 18

12/31/2018

Data path:Y:\LIFOPRO1\SAMPLE\_HVAC\_WHOLESALE\LPSW\_Data\_Files\

POOL NO.	POOL NAME	CURRENT YEAR COST	12/31/2018 DEFLATOR INDEX	CUMLTV DEFLATOR INDEX	CUMLTV INFLATOR INDEX	12/31/2018 LIFO INVENTORY	12/31/2018 LIFO RESERVE	12/31/2017 LIFO RESERVE	12/31/2018 LIFO EXPENSE	UNICAP COSTS APPLIED	UNICAP COSTS RATE
1	Chemicals and allied products(06)	1,158,892	1.012672	1.616186	E 1.616186	805,670	353,222	338,720	14,502	5,403	.010690
2	Metal and metal products(10)	29,359,510	1.046404	1.654731	E 1.654731	19,701,784	9,657,726	8,355,744	1,301,983	145,773	.007132
3	Machinery and equipment(11)	33,531,598	1.049501	1.663731	E 1.663731	22,338,036	11,193,561	9,612,004	1,581,558	255,398	.011199
	Totals excluding UNICAP costs	64,050,000	1.047391			42,845,491	21,204,509	18,306,467	2,898,042	406,574	.009325
	Total UNICAP costs					406,574					
	Totals including UNICAP costs					43,252,064					
	12/31/2017 (last year) UNICAP costs applied									433,725	
	12/31/2018 Increase(decrease) in UNICAP costs applied									-27,152	
	12/31/2018 LIFO expense(income) excluding UNICAP costs applied									2,898,042	
	12/31/2018 LIFO reserve before UNICAP costs applied									21,204,509	
	12/31/2018 LIFO inventory balance before UNICAP costs applied									42,845,491	

**This report shows balances before & including §263A UNICAP costs with user-inputted absorption ratios. UNICAP costs are included in Reports 16, 16a, 17, 18 & 18a.**