

Michigan Department of Natural Resources Forest Resources Division Timber Sale Management System

AVERAGE STUMPAGE PRICE REPORT FOR 07/01/2015 TO 12/31/2015

PURPOSE OF REPORT

The purpose of this report is to summarize bid prices from historic State Forest timber sales to provide DNR staff base information for determining a minimum acceptable bid for future timber sales. The State Forest system is managed by Forest, Mineral, and Fire Management (FMFM).

This report is intended to serve only as a guide to timber stumpage prices and to monitor market trends. It should not be used to determine the fair market value of a specific timber sale. The prices paid for a specific stand of timber will vary considerably due to such factors as size, species, quality, quantity, logging conditions, distance to the mill, end product, demand and competition. Timber markets often change rapidly and, therefore, prices in this report are not necessarily a reflection of current market prices. It is strongly recommended to obtain assistance from professional foresters and use the competitive bidding process as the ultimate determinant of fair market value for any specific tract of timber.

ORDER OF REPORT

The report is ordered by the four (4) timber products sold by the DNR/FMFM: Sawlogs, Pulpwood, Poles, and Bolts. Sawlog prices by species are listed first, followed by Pulpwood, Poles, and Bolts. If a product or species is not listed in the report, this indicates that the product or species was not sold for the period of the report. After all species for a product are listed, the report includes a section of Exclusions. This section includes prices that were "excluded" from the Average Sold Price because they appear to be skewed. The species used by DNR/FMFM are as follows:

AMERICAN ELM	BLACK SPRUCE	MIXED SOFTWOOD	SCOTCH PINE
B.T. ASPEN	HEMLOCK	N. WHITE CEDAR	SUGAR MAPLE
BALSAM FIR	JACK PINE	OTHER COMM. SP.	TAMARACK
BALSAM POPLAR	MISCELLANEOUS	PAPER BIRCH	WHITE ASH
BASSWOOD	MIXED ASPEN	Q. ASPEN	WHITE OAK
BEECH	MIXED HARDWOOD	RED MAPLE	WHITE PINE
BLACK ASH	MIXED OAK	RED OAK	WHITE SPRUCE
BLACK CHERRY	MIXED PINE	RED PINE	YELLOW BIRCH

COLUMN NOTES

Column 1 and 2. Number of Sales Sold, Total Volume and Prices are only reported for bid species and products. "No-bid" species and products are not included. "No-bid" species and products are those that are included on the bid form and the contract, but the price is set with no option to bid. This is used for species and products that are minor components of a sale. Number of Sales Sold, Total Volume and Prices are only reported for advertised sales. Unadvertised sales, e.g. direct sales, negotiated sales, small receipt sales, firewood permits, etc., are not included.

- Column 3. Average Price at Time of Appraisal is the one-year average of sold prices at the time of appraisal. This may be considered an estimate of the "going rate" and is the starting point for the appraisal. The DNR FMFM appraisal process is a valuation process that sets a minimum acceptable bid price.
- Column 4. Average Advertised Price is the minimum acceptable bid price at time of advertisement. This price was determined by the DNR FMFM appraisal process.
- Column 5. Ratio of Column 4 to Column 3 is the ratio of Average Advertised Price to the Average Price at Time of Appraisal. A number less than 100 indicates that the Average Advertised Price was less than the "going rate". A number greater than 100 indicates that the Average Advertised Price was greater than the going rate.
- Column 6. Average Sold Price is the average price sold for the period. Sales are awarded to the high responsive/responsible bidder based on the sale lump sum bid.

Column 7. Percent Change from Column 3 to Column 6 is the ratio of the difference between Average Sold Price and Average Price at Time of Appraisal to the Average Price at Time of Appraisal. A positive number indicates that current prices are increasing over past prices. A negative number indicates that current prices are decreasing over past prices.

GENERAL NOTES

- 1. All prices are weighted by volume.
- 2. This report is based on the contract issue date, and not the bid date. The contract issue date is usually the date the contract is printed and signed. This occurs after the down payment and bond are received by the highest responsible bidder.
- 3. In general, the Baraga Forest Management Unit (FMU) uses the Scribner Decimal C log rule with an 8.0" top diameter inside bark (DIB). In general, the Crystal Falls FMU uses the International ¼" log rule with a 10.0" top DIB. In general, the rest of the Upper Peninsula (UP) uses the Scribner Decimal C log rule with a 10.0" top DIB. In general, the Northern Lower Peninsula (NLP) uses the International ¼" log rule with an 8.0" top DIB.
- 4. Volumes and values are only totaled when comparable measurement units exist, e.g. International ¼" to a 10.0" DIB is only added to International ¼" to a 10.0" DIB. For example, there is no Statewide total, except for # of Sales Sold, because cruising specifications and log rules are different between Region I Upper Peninsula and Region II Northern Lower Peninsula.

07/01/2015 to 12/31/2015

Date:

Page 3 of 27

01/15/2016

B.T. ASPEN	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GAYLORD FOREST MGT UNIT	1	28.20	` '	\$57.00	79.41%	\$57.00	-20.59%	\$57.00	\$57.00
MACKINAW STATE FOREST	$\frac{1}{1}$	$ \frac{28.20}{28.20}$		<u> </u>	79.41%	\$57.00	-20.59%	\$57.00	\$57.00
ROSCOMMON FOREST MGT UNIT	1	113.40	·	\$110.00	73.92%	\$141.76	-4.73%	\$141.76	\$141.76
GLADWIN FOREST MGT UNIT	1	412.70	\$132.40	\$103.00	77.79%	\$105.00	-20.69%	\$105.00	\$105.00
AUSABLE STATE FOREST		526.10	\$135.93	\$104.51	76.88%	\$112.92	-16.93%	\$105.00	\$141.76
NORTHERN LOWER PENINSULA	3	554.30	\$132.67	\$102.09	76.95%	\$110.08	-17.03%	\$57.00	\$141.76
STATEWIDE	3				76.95%		-17.03%	\$57.00	\$141.76
BASSWOOD	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CRYSTAL FALLS FOREST MGT UNI	2	111.50	\$262.19	\$170.25	64.93%	\$387.13	47.65%	\$350.00	\$454.55
ESCANABA FOREST MGT UNIT	2	36.10	\$219.43	\$111.12	50.64%	\$324.57	47.92%	\$180.00	\$350.00
ESCANABA RIVER STATE FOREST		36.10	\$219.43	\$111.12	50.64%	\$324.57	47.92%	\$180.00	\$350.00
NEWBERRY FOREST MGT UNIT	1	21.20	\$329.34	\$234.00	71.05%	\$234.00	-28.95%	\$234.00	\$234.00
LAKE SUPERIOR STATE FOREST	<u> </u>	21.20	\$329.34	\$234.00	71.05%	\$234.00	-28.95%	\$234.00	\$234.00
UPPER PENINSULA	5				63.34%		35.58%	\$180.00	\$454.55
PIGEON RIVER FOREST MGT UNIT	1	18.70	\$91.47	\$63.00	68.88%	\$65.00	-28.94%	\$65.00	\$65.00
MACKINAW STATE FOREST	<u> </u>	18.70	\$91.47	\$63.00	68.88%	\$65.00	-28.94%	\$65.00	\$65.00
TRAVERSE CITY FOREST MGT UNI	4	323.40	\$142.98	\$92.32	64.57%	\$92.79	-35.10%	\$80.00	\$180.00
PERE MARQUETTE STATE FORES	4	323.40	\$142.98	\$92.32	64.57%	\$92.79	-35.10%	\$80.00	\$180.00
NORTHERN LOWER PENINSULA	5	342.10	\$140.17	\$90.72	64.72%	\$91.28	-34.88%	\$65.00	\$180.00
STATEWIDE	10				64.06%		-1.11%	\$65.00	\$454.55
BEECH	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
CAVI ODD FODEST MOT LINIT			(3)	(4)	(5)		(7)	(8)	(9)
GAYLORD FOREST MGT UNIT	3	104.50	·	\$28.95	62.19%	\$51.92 \$40.00	11.56%	\$35.00	\$68.00
PIGEON RIVER FOREST MGT UNIT	$\frac{1}{4}$	$ \frac{11.40}{45.00}$. — — -	<u>\$40.00</u>	61.32%	\$40.00	-38.68%	\$40.00	\$40.00
MACKINAW STATE FOREST	4	115.90		\$30.03	62.08%	\$50.75	4.90%	\$35.00	\$68.00
GRAYLING FOREST MGT UNIT AUSABLE STATE FOREST	$\frac{1}{4}$	$ \frac{108.60}{100.60}$. — — -	<u> \$63.00</u>	68.78%	\$150.00	$\frac{63.77\%}{63.77\%}$	\$150.00	\$150.00
	1	108.60	*	\$63.00	68.78%	\$150.00	63.77%	\$150.00	\$150.00
NORTHERN LOWER PENINSULA	5	224.50	\$69.28	\$45.98	66.37%	\$98.76	42.55%	\$35.00	\$150.00
STATEWIDE	5				66.37%		42.55%	\$35.00	\$150.00

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 4 of 27

BLACK CHERRY	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
TRAVERSE CITY FOREST MGT UNI	2	30.50	\$378.92	\$249.75	65.91%	\$263.80	-30.38%	\$250.00	\$266.00
PERE MARQUETTE STATE FORES		30.50	\$378.92	\$249.75	65.91%	\$263.80	-30.38%	\$250.00	\$266.00
NORTHERN LOWER PENINSULA	2	30.50	\$378.92	\$249.75	65.91%	\$263.80	-30.38%	\$250.00	\$266.00
STATEWIDE	2				65.91%		-30.38%	\$250.00	\$266.00
MIXED ASPEN	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PIGEON RIVER FOREST MGT UNIT	2	112.00	<u> </u>	\$68.00 <u>\$68.00</u>	70.33%	\$150.00	55.14% 	\$150.00	\$150.00
MACKINAW STATE FOREST	2	112.00	*	\$68.00	70.33%	\$150.00	55.14%	\$150.00	\$150.00
TRAVERSE CITY FOREST MGT UNI	8	467.70	\$142.98	\$95.99	67.13%	\$119.25	-16.59%	\$77.00	\$200.00
CADILLAC FOREST MGT UNIT	3	216.00	· — — · — — —	<u>\$86.50</u>	66.85%	<u>\$166.94</u>	29.02%	\$90.00	\$200.00
PERE MARQUETTE STATE FORES	11	683.70	\$138.69	\$92.99	67.05%	\$134.32	-3.15%	\$77.00	\$200.00
ROSCOMMON FOREST MGT UNIT	5	330.00	\$78.10	\$49.26	63.07%	\$133.85	71.39%	\$40.00	\$200.00
AUSABLE STATE FOREST	5	330.00	\$78.10	\$49.26	63.07%	\$133.85	71.39%	\$40.00	\$200.00
NORTHERN LOWER PENINSULA	18	1,125.70	\$116.75	\$77.68	66.54%	\$135.74	16.27%	\$40.00	\$200.00
STATEWIDE	18				66.54%		16.27%	\$40.00	\$200.00
MIXED HARDWOOD	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CRYSTAL FALLS FOREST MGT UNI	2	100.30	\$154.08	\$85.32	55.37%	\$134.25	-12.87%	\$100.00	\$250.00
ESCANABA FOREST MGT UNIT	4	97.50	\$242.56	\$174.81	72.07%	\$645.00	165.91%	\$186.00	\$916.52
ESCANABA RIVER STATE FOREST	4	97.50	\$242.56	\$174.81	72.07%	\$645.00	165.91%	\$186.00	\$916.52
UPPER PENINSULA	6				65.47%		95.25%	\$100.00	\$916.52
PIGEON RIVER FOREST MGT UNIT	1	69.00	\$91.47	\$64.00	69.97%	\$150.00	63.99%	\$150.00	\$150.00
MACKINAW STATE FOREST	1	69.00	\$91.47	\$64.00	69.97%	\$150.00	63.99%	\$150.00	\$150.00
NORTHERN LOWER PENINSULA	1	69.00	\$91.47	\$64.00	69.97%	\$150.00	63.99%	\$150.00	\$150.00
STATEWIDE	7				66.10%		90.91%	\$100.00	\$916.52

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 5 of 27

SAWLOGS (MBF, see ge					(
MIXED OAK	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
ESCANABA FOREST MGT UNIT	1	18.10	\$154.00	\$108.00	70.13%	\$180.00	16.88%	\$180.00	\$180.00
ESCANABA RIVER STATE FOREST	${1}$	<u></u>	\$154.00	\$108.00	70.13%	\$180.00	16.88%	\$180.00	\$180.00
UPPER PENINSULA	1				70.13%		16.88%	\$180.00	\$180.00
TRAVERSE CITY FOREST MGT UNI	2	164.60	\$236.84	\$92.84	39.20%	\$196.72	-16.94%	\$50.00	\$300.00
CADILLAC FOREST MGT UNIT	1	3.80	\$243.00	\$135.00	55.56%	\$150.00	-38.27%	\$150.00	\$150.00
PERE MARQUETTE STATE FORES	<u> </u>	168.40	\$236.98	\$93.79	39.58%	\$195.67	-17.43%	\$50.00	\$300.00
ROSCOMMON FOREST MGT UNIT	7	405.70	\$146.38	\$100.22	68.47%	\$134.51	-8.11%	\$86.00	\$225.00
GRAYLING FOREST MGT UNIT	8	875.80	\$179.28	\$129.76	72.38%	\$229.46	27.99%	\$116.00	\$593.33
GLADWIN FOREST MGT UNIT	4	616.40	\$181.75	\$136.39	75.04%	\$221.76	22.01%	\$67.00	\$406.50
AUSABLE STATE FOREST	<u> </u>	1,897.90	\$173.05	\$125.60	72.58%	\$206.66	19.42%	\$67.00	\$593.33
NORTHERN LOWER PENINSULA	22	2,066.30	\$178.26	\$123.01	69.01%	\$205.76	15.43%	\$50.00	\$593.33
STATEWIDE	23				69.01%		15.44%	\$50.00	\$593.33
MIXED PINE	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ROSCOMMON FOREST MGT UNIT	2	41.00	<u>\$180.00</u>	\$116.41 	64.67%	\$138.59	23.01%	\$130.00	\$150.00
AUSABLE STATE FOREST	2	41.00	\$180.00	\$116.41	64.67%	\$138.59	-23.01%	\$130.00	\$150.00
NORTHERN LOWER PENINSULA	2	41.00	\$180.00	\$116.41	64.67%	\$138.59	-23.01%	\$130.00	\$150.00
STATEWIDE	2				64.67%		-23.01%	\$130.00	\$150.00
PAPER BIRCH	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
S STE MARIE FMU (SOO MAINLAN	1	17.70	\$142.28	\$98.00	68.88%	\$150.00	5.43%	\$150.00	\$150.00
LAKE SUPERIOR STATE FOREST	$\frac{1}{1}$	$\frac{17.70}{17.70}$	\$142.28	\$98.00		\$150.00		\$150.00	\$150.00
UPPER PENINSULA	1		ψ142.20	ψ30.00 	68.88%	φ130.00	5.43%	\$150.00	\$150.00
STATEWIDE	1				68.88%		5.43%	\$150.00	\$150.00
_	# OF SALES	TOTAL VOLUME	AVG. PRICE	AVERAGE	RATIO OF	AVERAGE	% CHANGE	MINIMUM	MAXIMUM
Q. ASPEN	SOLD (1)	(2)	AT TIME OF APPRAISAL (3)	ADVERTISED PRICE (4)	COLUMN 4 TO COLUMN 3 (5)	SOLD PRICE (6)	FROM COL. 3 TO COL. 6 (7)	SOLD PRICE (8)	SOLD PRICE (9)
GAYLORD FOREST MGT UNIT	1	153.10	\$40.69	\$28.00	68.81%	\$100.00	145.76%	\$100.00	\$100.00
MACKINAW STATE FOREST	${1}$		\$40.69	\$28.00	68.81%	\$100.00	145.76%	\$100.00	\$100.00
NORTHERN LOWER PENINSULA	1	153.10	\$40.69	\$28.00	68.81%	\$100.00	145.76%	\$100.00	\$100.00
STATEWIDE	1				68.81%		145.76%	\$100.00	\$100.00

07/01/2015 to 12/31/2015

Date:

Page 6 of 27

01/15/2016

RED MAPLE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
BARAGA FOREST MGT UNIT	10	694.10		\$351.12	76.66%	\$442.72	-3.34%	\$215.00	\$575.50
ESCANABA FOREST MGT UNIT	2	74.40	\$573.46	\$290.74	50.70%	\$301.65	-47.40%	\$258.00	\$350.00
ESCANABA RIVER STATE FOREST	<u> </u>		\$573.46	\$290.74	50.70%	\$301.65	-47.40%	\$258.00	\$350.00
SHINGLETON FOREST MGT UNIT	1	18.70	\$178.88	\$100.00	55.90%	\$100.00	-44.10%	\$100.00	\$100.00
NEWBERRY FOREST MGT UNIT	7	460.10	\$203.00	\$114.24	56.27%	\$126.66	-37.60%	\$110.00	\$250.00
S STE MARIE FMU (SOO MAINLAN	1	21.50	\$135.00	\$101.00	74.81%	\$150.00	11.11%	\$150.00	\$150.00
LAKE SUPERIOR STATE FOREST	<u> </u>	500.30	\$199.18	\$113.14	56.80%	\$126.67	-36.40%	\$100.00	\$250.00
UPPER PENINSULA	21				69.96%		-14.58%	\$100.00	\$575.50
GAYLORD FOREST MGT UNIT	1	20.70	\$86.14	\$59.00	68.49%	\$59.00	-31.51%	\$59.00	\$59.00
PIGEON RIVER FOREST MGT UNIT	1	20.30	\$114.37	\$73.00	63.83%	\$150.00	31.15%	\$150.00	\$150.00
MACKINAW STATE FOREST		41.00	\$100.12	\$65.93	65.85%	\$104.06	3.93%	\$59.00	\$150.00
TRAVERSE CITY FOREST MGT UNI	7	246.90	\$240.21	\$154.79	64.44%	\$228.25	-4.98%	\$138.00	\$530.00
CADILLAC FOREST MGT UNIT	3	84.60	\$218.49	\$140.41	64.26%	\$204.17	-6.55%	\$78.00	\$300.00
PERE MARQUETTE STATE FORES	<u></u>	331.50	\$234.67	\$151.12	64.40%	\$222.10	-5.35%	\$78.00	\$530.00
ROSCOMMON FOREST MGT UNIT	1	5.50	\$75.54	\$57.00	75.46%	\$57.00	-24.54%	\$57.00	\$57.00
GLADWIN FOREST MGT UNIT	2	43.60	\$74.88	\$40.10	53.55%	\$40.10	-46.45%	\$29.00	\$51.00
AUSABLE STATE FOREST	3	49.10	\$74.95	\$41.99	56.03%	\$41.99	-43.97%	\$29.00	\$57.00
NORTHERN LOWER PENINSULA	15	421.60	\$202.98	\$130.13	64.11%	\$189.65	-6.57%	\$29.00	\$530.00
STATEWIDE	36				69.04%		-13.33%	\$29.00	\$575.50

07/01/2015 to 12/31/2015

SAWLOGS (MBF, see general note 3)

RED OAK	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
GWINN FOREST MGT UNIT	1	21.80	\$442.83	\$314.00	70.91%	\$324.00	-26.83%	\$324.00	\$324.00
ESCANABA FOREST MGT UNIT	5	254.00	\$392.63	\$224.28	57.12%	\$383.48	-2.33%	\$200.00	\$570.00
ESCANABA RIVER STATE FOREST	6	275.80	\$396.59	\$231.37	58.34%	\$378.78	-4.49%	\$200.00	\$570.00
UPPER PENINSULA	6				58.34%		-4.49%	\$200.00	\$570.00
GAYLORD FOREST MGT UNIT	2	287.00	\$213.01	\$168.09	78.91%	\$220.40	3.47%	\$171.00	\$222.00
PIGEON RIVER FOREST MGT UNIT	1	7.90	\$224.08	\$155.00	69.17%	\$160.00	-28.60%	\$160.00	\$160.00
MACKINAW STATE FOREST	3	294.90	\$213.31	\$167.74	78.64%	\$218.78	2.57%	\$160.00	\$222.00
TRAVERSE CITY FOREST MGT UNI	7	799.20	\$334.93	\$237.48	70.90%	\$367.92	9.85%	\$201.00	\$552.00
CADILLAC FOREST MGT UNIT	3	99.60	\$312.10	\$210.02	67.29%	\$283.52	-9.16%	\$180.00	\$342.00
PERE MARQUETTE STATE FORES	10	898.80	\$332.40	\$234.44	70.53%	\$358.57	7.87%	\$180.00	\$552.00
ROSCOMMON FOREST MGT UNIT	5	387.00	\$357.48	\$248.49	69.51%	\$249.46	-30.22%	\$230.44	\$292.00
GRAYLING FOREST MGT UNIT	2	873.10	\$319.51	\$213.40	66.79%	\$278.96	-12.69%	\$209.00	\$575.00
GLADWIN FOREST MGT UNIT	2	444.40	\$352.75	\$267.10	75.72%	\$273.03	-22.60%	\$110.00	\$275.00
AUSABLE STATE FOREST	9	1,704.50	\$336.79	\$235.37	69.88%	\$270.72	-19.62%	\$110.00	\$575.00
NORTHERN LOWER PENINSULA	22	2,898.20	\$322.87	\$228.20	70.68%	\$292.68	-9.35%	\$110.00	\$575.00
STATEWIDE	28				69.39%		-8.84%	\$110.00	\$575.00

Date: 01/15/2016

Page 7 of 27

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 8 of 27

RED PINE	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	1	33.90	\$334.00	\$284.00	85.03%	\$284.00	-14.97%	\$284.00	\$284.00
CRYSTAL FALLS FOREST MGT UNI	4	293.80	\$178.97	\$128.44	71.77%	\$313.52	75.18%	\$100.00	\$461.92
GWINN FOREST MGT UNIT	1	62.60	\$224.95	\$160.00	71.13%	\$170.00	-24.43%	\$170.00	\$170.00
ESCANABA RIVER STATE FOREST		62.60	\$224.95	\$160.00	71.13%	\$170.00	-24.43%	\$170.00	\$170.00
SHINGLETON FOREST MGT UNIT	1	8.30	\$316.12	\$168.00	53.14%	\$168.00	-46.86%	\$168.00	\$168.00
LAKE SUPERIOR STATE FOREST		8.30	\$316.12	\$168.00	53.14%	\$168.00	-46.86%	\$168.00	\$168.00
UPPER PENINSULA	7				72.91%		41.14%	\$100.00	\$461.92
GAYLORD FOREST MGT UNIT	2	550.30	\$255.68	\$209.80	82.06%	\$209.97	-17.88%	\$200.00	\$210.00
MACKINAW STATE FOREST		550.30	\$255.68	\$209.80	82.06%	\$209.97	-17.88%	\$200.00	\$210.00
TRAVERSE CITY FOREST MGT UNI	4	442.30	\$193.20	\$142.58	73.80%	\$194.54	0.70%	\$136.00	\$250.00
CADILLAC FOREST MGT UNIT	5	1,464.20	\$173.96	\$128.20	73.69%	\$200.66	15.35%	\$118.00	\$237.00
PERE MARQUETTE STATE FORES	9	1,906.50	\$178.42	\$131.53	73.72%	\$199.24	11.67%	\$118.00	\$250.00
ROSCOMMON FOREST MGT UNIT	4	396.60	\$180.89	\$134.10	74.14%	\$203.60	12.56%	\$155.00	\$240.50
GRAYLING FOREST MGT UNIT	7	4,891.00	\$174.14	\$143.87	82.62%	\$233.90	34.32%	\$124.00	\$475.00
GLADWIN FOREST MGT UNIT	3	618.50	\$183.57	\$132.87	72.38%	\$260.45	41.88%	\$73.00	\$280.05
AUSABLE STATE FOREST	<u> </u>	5,906.10	\$175.58	\$142.06	80.91%	\$234.64	33.64%	\$73.00	\$475.00
NORTHERN LOWER PENINSULA	25	8,362.90	\$181.50	\$144.12	79.40%	\$224.95	23.94%	\$73.00	\$475.00
STATEWIDE	32				79.08%		24.81%	\$73.00	\$475.00

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 9 of 27

SAWLOGS (MBF, see ge									
SUGAR MAPLE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
BARAGA FOREST MGT UNIT	10	425.60	\$1,244.06	\$987.33	79.36%	\$1,128.63	-9.28%	\$860.00	\$1,341.92
CRYSTAL FALLS FOREST MGT UNI	2	57.70	\$1,029.65	\$633.92	61.57%	\$706.24	-31.41%	\$500.00	\$757.58
ESCANABA FOREST MGT UNIT	3	51.50	\$803.28	\$419.63	52.24%	\$528.66	-34.19%	\$500.00	\$600.00
ESCANABA RIVER STATE FOREST	<u> </u>	51.50	\$803.28	\$419.63	52.24%	\$528.66	-34.19%	\$500.00	\$600.00
SHINGLETON FOREST MGT UNIT	4	245.30	\$770.80	\$593.70	77.02%	\$843.84	9.48%	\$539.00	\$858.00
NEWBERRY FOREST MGT UNIT	6	191.90	\$805.27	\$580.57	72.10%	\$600.50	-25.43%	\$523.00	\$1,000.00
LAKE SUPERIOR STATE FOREST	<u> </u>	437.20	\$785.93	\$587.94	74.81%	\$737.03	-6.22%	\$523.00	\$1,000.00
UPPER PENINSULA	25				75.52%		-10.61%	\$500.00	\$1,341.92
PIGEON RIVER FOREST MGT UNIT	2	18.40	\$537.91	\$362.97	67.48%	\$367.34	-31.71%	\$253.00	\$410.00
MACKINAW STATE FOREST		18.40	\$537.91	\$362.97	67.48%	\$367.34	-31.71%	\$253.00	\$410.00
TRAVERSE CITY FOREST MGT UNI	6	372.70	\$476.23	\$303.99	63.83%	\$311.52	-34.59%	\$300.00	\$342.00
PERE MARQUETTE STATE FORES	6	372.70	\$476.23	\$303.99	63.83%	\$311.52	-34.59%	\$300.00	\$342.00
ROSCOMMON FOREST MGT UNIT	1	1.40	\$582.06	\$437.00	75.08%	\$437.00	-24.92%	\$437.00	\$437.00
GRAYLING FOREST MGT UNIT	1	109.90	\$310.85	\$252.00	81.07%	\$1,100.00	253.87%	\$1,100.00	\$1,100.00
AUSABLE STATE FOREST		111.30	\$314.26	\$254.33	80.93%	\$1,091.66	247.37%	\$437.00	\$1,100.00
NORTHERN LOWER PENINSULA	10	502.40	\$442.61	\$295.15	66.68%	\$486.40	9.89%	\$253.00	\$1,100.00
STATEWIDE	35				73.88%		-6.80%	\$253.00	\$1,341.92
WHITE ASH	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF	AVERAGE	RATIO OF	AVERAGE SOLD PRICE	% CHANGE	MINIMUM	MAXIMUM
7 (3) ((1)	(2)	APPRAISAL	ADVERTISED PRICE	COLUMN 4 TO COLUMN 3		FROM COL. 3 TO COL. 6	SOLD PRICE	SOLD PRICE
	(1)	(2)	APPRAISAL (3)	PRICE (4)	COLUMN 3 (5)	(6)	TO COL. 6 (7)	PRICE (8)	(9)
CRYSTAL FALLS FOREST MGT UNI	1	41.60	APPRAISAL (3) \$200.00	PRICE (4) \$130.00	COLUMN 3 (5) 65.00%	(6) \$230.00	TO COL. 6 (7) 15.00%	PRICE (8) \$230.00	(9)
CRYSTAL FALLS FOREST MGT UNIT	` '	41.60	APPRAISAL (3) \$200.00 \$125.00	PRICE (4) \$130.00 \$89.00	COLUMN 3 (5) 65.00% 71.20%	(6) \$230.00 \$90.00	TO COL. 6 (7) 15.00% -28.00%	PRICE (8) \$230.00 \$90.00	(9) \$230.00 \$90.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST	1 1 1	41.60	APPRAISAL (3) \$200.00	PRICE (4) \$130.00	COLUMN 3 (5) 65.00% 71.20%	(6) \$230.00	TO COL. 6 (7) 15.00% -28.00% -28.00%	PRICE (8) \$230.00 \$90.00	(9) \$230.00 \$90.00 \$90.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA	1 1 1 2	41.60 51.20 51.20	\$200.00 \$125.00 \$125.00	PRICE (4) \$130.00 \$89.00 \$89.00	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70%	(6) \$230.00 \$90.00 \$90.00	TO COL. 6 (7) 15.00% 	PRICE (8) \$230.00 \$90.00 \$90.00	\$230.00 \$90.00 \$90.00 \$230.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT	1 1 1	41.60 51.20 51.20 962.30	APPRAISAL (3) \$200.00 \$125.00 \$125.00	\$130.00 \$89.00 \$89.00 \$53.01	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45%	(6) \$230.00 \$90.00 \$90.00 \$132.43	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00%	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST	1 1 1 2 4 4	41.60 51.20 51.20 962.30	\$200.00 \$125.00 \$125.00 \$77.45 \$77.45	\$130.00 \$89.00 \$89.00 \$53.01	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45%	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% -71.00%	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT	1 1 1 2 4	41.60 51.20 51.20 962.30	APPRAISAL (3) \$200.00 \$125.00 \$125.00	\$130.00 \$89.00 \$89.00 \$53.01	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45%	(6) \$230.00 \$90.00 \$90.00 \$132.43	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00%	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE	1 1 1 2 4 4 4 6	41.60 51.20 51.20 962.30 962.30 962.30	\$200.00 \$125.00 \$125.00 \$177.45 \$77.45 \$77.45	\$130.00 \$89.00 \$89.00 \$53.01 \$53.01	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45% 68.45%	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68%	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA	1 1 2 4 4 4 6 # OF SALES SOLD	41.60 51.20 51.20 962.30 962.30 962.30 TOTAL VOLUME	APPRAISAL (3) \$200.00 \$125.00 \$125.00 \$77.45 \$77.45 \$77.45 AVG. PRICE AT TIME OF APPRAISAL	\$130.00 \$89.00 \$89.00 \$53.01 \$53.01 \$53.01 AVERAGE ADVERTISED PRICE	65.00% 65.00% 71.20% 71.20% 67.70% 68.45% 68.45% 68.33% RATIO OF COLUMN 4 TO COLUMN 3	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43 AVERAGE SOLD PRICE	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68% % CHANGE FROM COL. 3 TO COL. 6	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46 \$64.46 \$MINIMUM SOLD PRICE	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00 \$168.00 \$230.00 MAXIMUM SOLD PRICE
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE WHITE OAK	1 1 2 4 4 4 6 # OF SALES SOLD (1)	41.60 51.20 51.20 962.30 962.30 962.30 970 962.30 962.30 962.30	APPRAISAL (3) \$200.00 \$125.00 \$125.00 \$77.45 \$77.45 \$77.45 AVG. PRICE AT TIME OF APPRAISAL (3)	\$130.00 \$89.00 \$89.00 \$53.01 \$53.01 \$54.01 \$55.01 \$55.01 \$55.01 \$55.01 \$55.01	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45% 68.45% 68.33% RATIO OF COLUMN 4 TO COLUMN 3 (5)	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43 \$132.43 \$10.00 AVERAGE SOLD PRICE (6)	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68% % CHANGE FROM COL. 3 TO COL. 6 (7)	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46 \$64.46 MINIMUM SOLD PRICE (8)	(9) \$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00 \$168.00 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE WHITE OAK TRAVERSE CITY FOREST MGT UNI	1 1 2 4 4 4 6 6 # OF SALES SOLD (1) 1	41.60 51.20 51.20 962.30 962.30 962.30 TOTAL VOLUME (2) 27.00	APPRAISAL (3) \$200.00 \$125.00 \$125.00 \$77.45 \$77.45 \$77.45 AVG. PRICE AT TIME OF APPRAISAL (3) \$128.64	PRICE (4) \$130.00 \$89.00 \$89.00 \$53.01 \$53.01 \$53.01 AVERAGE ADVERTISED PRICE (4) \$91.00	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45% 68.45% 68.45% 68.33% RATIO OF COLUMN 4 TO COLUMN 3 (5) 70.74%	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43 AVERAGE SOLD PRICE (6) \$91.00	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68% % CHANGE FROM COL. 3 TO COL. 6 (7) -29.26%	PRICE (8) \$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46 \$64.46 \$MINIMUM SOLD PRICE (8) \$91.00	(9) \$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00 \$230.00 MAXIMUM SOLD PRICE (9) \$91.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE WHITE OAK TRAVERSE CITY FOREST MGT UNI PERE MARQUETTE STATE FORES	1 1 2 2 4 4 6 4 6 SOLD (1) 1 1	41.60 51.20 51.20 962.30 962.30 962.30 TOTAL VOLUME (2) 27.00 27.00	APPRAISAL (3) \$200.00 \$125.00 \$125.00 \$77.45 \$77.45 \$77.45 AVG. PRICE AT TIME OF APPRAISAL (3) \$128.64 \$128.64	PRICE (4) \$130.00 \$89.00 \$89.00 \$53.01 \$53.01 \$53.01 AVERAGE ADVERTISED PRICE (4) \$91.00 \$91.00	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45% 68.45% 68.33% RATIO OF COLUMN 4 TO COLUMN 3 (5) 70.74%	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43 \$100 PRICE (6) \$91.00	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68% % CHANGE FROM COL. 3 TO COL. 6 (7) -29.26% -29.26%	\$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46 \$64.46 \$MINIMUM SOLD PRICE (8) \$91.00	(9) \$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00 \$230.00 MAXIMUM SOLD PRICE (9) \$91.00 \$91.00
CRYSTAL FALLS FOREST MGT UNI NEWBERRY FOREST MGT UNIT LAKE SUPERIOR STATE FOREST UPPER PENINSULA GAYLORD FOREST MGT UNIT MACKINAW STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE WHITE OAK TRAVERSE CITY FOREST MGT UNI	1 1 2 4 4 4 6 6 # OF SALES SOLD (1) 1	41.60 51.20 51.20 962.30 962.30 962.30 TOTAL VOLUME (2) 27.00	APPRAISAL (3) \$200.00 \$125.00 \$125.00 \$77.45 \$77.45 \$77.45 AVG. PRICE AT TIME OF APPRAISAL (3) \$128.64	PRICE (4) \$130.00 \$89.00 \$89.00 \$53.01 \$53.01 \$53.01 AVERAGE ADVERTISED PRICE (4) \$91.00	COLUMN 3 (5) 65.00% 71.20% 71.20% 67.70% 68.45% 68.45% 68.45% 68.33% RATIO OF COLUMN 4 TO COLUMN 3 (5) 70.74%	(6) \$230.00 \$90.00 \$90.00 \$132.43 \$132.43 \$132.43 AVERAGE SOLD PRICE (6) \$91.00	TO COL. 6 (7) 15.00% -28.00% -28.00% -3.70% 71.00% 71.00% 58.68% % CHANGE FROM COL. 3 TO COL. 6 (7) -29.26%	PRICE (8) \$230.00 \$90.00 \$90.00 \$90.00 \$64.46 \$64.46 \$64.46 \$MINIMUM SOLD PRICE (8) \$91.00	\$230.00 \$90.00 \$90.00 \$230.00 \$168.00 \$168.00 \$168.00 \$230.00 MAXIMUM SOLD PRICE (9) \$91.00

07/01/2015 to 12/31/2015

Date:

Page 10 of 27

01/15/2016

OAVILOGO (MDI , 366 ge	noral note c	<u>')</u>							
WHITE PINE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
ESCANABA FOREST MGT UNIT	2	234.20	\$146.15	\$100.91	69.04%	\$117.27	-19.76%	\$100.00	\$125.00
ESCANABA RIVER STATE FOREST		234.20	\$146.15	\$100.91	69.04%	\$117.27	-19.76%	\$100.00	\$125.00
SHINGLETON FOREST MGT UNIT	1	15.50	\$70.71	\$57.00	80.61%	\$57.00	-19.39%	\$57.00	\$57.00
LAKE SUPERIOR STATE FOREST		15.50	\$70.71	\$57.00	80.61%	\$57.00	-19.39%	\$57.00	\$57.00
UPPER PENINSULA	3				69.40%		-19.75%	\$57.00	\$125.00
CADILLAC FOREST MGT UNIT	1	57.40	\$110.63	\$83.00	75.02%	\$100.00	-9.61%	\$100.00	\$100.00
PERE MARQUETTE STATE FORES		57.40	\$110.63	\$83.00	75.02%	\$100.00	-9.61%	\$100.00	\$100.00
NORTHERN LOWER PENINSULA	1	57.40	\$110.63	\$83.00	75.02%	\$100.00	-9.61%	\$100.00	\$100.00
STATEWIDE	4				70.26%		-18.20%	\$57.00	\$125.00
WHITE SPRUCE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
ROSCOMMON FOREST MGT UNIT	1	24.00	\$117.00	\$81.00	69.23%	\$81.00	-30.77%	\$81.00	\$81.00
AUSABLE STATE FOREST		24.00	\$117.00	\$81.00	69.23%	\$81.00	-30.77%	\$81.00	\$81.00
NORTHERN LOWER PENINSULA	1	24.00	\$117.00	\$81.00	69.23%	\$81.00	-30.77%	\$81.00	\$81.00
STATEWIDE	1				69.23%		-30.77%	\$81.00	\$81.00

07/01/2015 to 12/31/2015

SAWLOGS EXCLUSION (MBF, see general note 3)

SAVILOGS EXCLUSION (
MIXED ASPEN	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
ASPEN	(1)	(2)		
CADILLAC FOREST MGT UNIT	4	317.20	\$325.00	\$658.00
PERE MARQUETTE STATE FORES		317.20	\$325.00	\$658.00
GLADWIN FOREST MGT UNIT	3	765.70	\$332.00	\$413.10
AUSABLE STATE FOREST		765.70	\$332.00	\$413.10
NORTHERN LOWER PENINSULA	7	1,082.90	\$325.00	\$658.00
STATEWIDE	7		\$325.00	\$658.00
MIXED	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
OAK	SOLD			
	(1)	(2)		
TRAVERSE CITY FOREST MGT UNI	1	51.40	\$800.00	\$800.00
PERE MARQUETTE STATE FORES		51.40	\$800.00	\$800.00
NORTHERN LOWER PENINSULA	1	51.40	\$800.00	\$800.00
STATEWIDE	1		\$800.00	\$800.00
SUGAR	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
MAPLE	SOLD			
	(1)	(2)		
CADILLAC FOREST MGT UNIT	1	11.50	\$3,173.35	\$3,173.35
PERE MARQUETTE STATE FORES	<u> </u>	11.50	\$3,173.35	\$3,173.35
NORTHERN LOWER PENINSULA	1	11.50	\$3,173.35	\$3,173.35
STATEWIDE	1		\$3,173.35	\$3,173.35
WHITE	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
PINE	SOLD			
	(1)	(2)		
CADILLAC FOREST MGT UNIT	1	136.30	\$325.00	\$325.00
PERE MARQUETTE STATE FORES	<u>_</u>	136.30	\$325.00	\$325.00
GRAYLING FOREST MGT UNIT	1	163.40	\$549.00	\$549.00
AUSABLE STATE FOREST		163.40	\$549.00	\$549.00
NORTHERN LOWER PENINSULA	2	299.70	\$325.00	\$549.00
STATEWIDE	2		\$325.00	\$549.00

Date: 01/15/2016

Page 11 of 27

07/01/2015 to 12/31/2015

Date:

Page 12 of 27

01/15/2016

B.T. ASPEN	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GAYLORD FOREST MGT UNIT	1	347.00	\$17.65	\$15.00	84.99%	\$15.00	-15.01%	\$15.00	\$15.00
MACKINAW STATE FOREST	<u> </u>	347.00	\$17.65	\$15.00	84.99%	\$15.00	-15.01%	\$15.00	\$15.00
CADILLAC FOREST MGT UNIT	1	81.30	\$29.49	\$27.70	93.93%	\$35.75	21.23%	\$35.75	\$35.75
PERE MARQUETTE STATE FORES		81.30	\$29.49	\$27.70	93.93%	\$35.75	21.23%	\$35.75	\$35.75
ROSCOMMON FOREST MGT UNIT	2	311.00	\$35.86	\$26.01	72.52%	\$28.51	-20.50%	\$24.60	\$31.00
GLADWIN FOREST MGT UNIT	1	5,599.00	\$30.23	\$23.90	79.06%	\$25.00	-17.30%	\$25.00	\$25.00
AUSABLE STATE FOREST	3	5,910.00	\$30.53	\$24.01	78.66%	\$25.18	-17.50%	\$24.60	\$31.00
NORTHERN LOWER PENINSULA	5	6,338.30	\$29.81	\$23.56	79.06%	\$24.76	-16.93%	\$15.00	\$35.75
STATEWIDE	5				79.06%		-16.93%	\$15.00	\$35.75
BALSAM FIR	# OF SALES SOLD		AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	1	611.00	\$35.51	\$28.40	79.98%	\$45.55	28.27%	\$45.55	\$45.55
GWINN FOREST MGT UNIT	4	819.00	\$44.22	\$25.58	57.86%	\$35.09	-20.65%	\$30.00	\$46.91
ESCANABA FOREST MGT UNIT	1	29.00	<u> \$45.07</u>	\$25.25 - — — — — — —	56.02%	\$25.25 	43.98%	\$25.25	\$25.25
ESCANABA RIVER STATE FOREST	5	848.00	\$44.25	\$25.57	57.79%	\$34.75	-21.46%	\$25.25	\$46.91
SHINGLETON FOREST MGT UNIT	2	103.00	\$28.45	\$19.32	67.90%	\$25.17	-11.52%	\$20.25	\$30.00
NEWBERRY FOREST MGT UNIT	3		\$29.79	\$22.94 	77.03%	\$24.39 	18.10%	\$18.11 —	<u>\$35.00</u>
LAKE SUPERIOR STATE FOREST	5	869.00	\$29.63	\$22.51	75.99%	\$24.49	-17.35%	\$18.11	\$35.00
UPPER PENINSULA	11				68.97%		-7.52%	\$18.11	\$46.91
GAYLORD FOREST MGT UNIT	2	463.00	\$39.11	\$27.49	70.28%	\$29.39	-24.87%	\$26.10	\$30.00
PIGEON RIVER FOREST MGT UNIT	1	85.00	\$39.58	<u> </u>	69.98%	\$30.00	24.20%	\$30.00	\$30.00
MACKINAW STATE FOREST	3	548.00	\$39.19	\$27.52	70.24%	\$29.48	-24.77%	\$26.10	\$30.00
TRAVERSE CITY FOREST MGT UNI	1	57.00	\$20.00	\$13.00	65.00%	\$13.00	-35.00%	\$13.00	\$13.00
CADILLAC FOREST MGT UNIT	1	149.00	\$10.00	\$6.50	65.00%	\$13.00	30.00%	\$13.00	\$13.00
PERE MARQUETTE STATE FORES	2	206.00	\$12.77	\$8.30	65.00%	\$13.00	1.83%	\$13.00	\$13.00
NORTHERN LOWER PENINSULA	5	754.00	\$31.97	\$22.27	69.66%	\$24.98	-21.87%	\$13.00	\$30.00
STATEWIDE	16				69.13%		-10.69%	\$13.00	\$46.91
BALSAM POPLAR	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GAYLORD FOREST MGT UNIT	1	19.00	\$30.53	\$22.30	73.04%	\$30.00	-1.74%	\$30.00	\$30.00
MACKINAW STATE FOREST	<u> </u>		\$30.53	\$22.30	73.04%	\$30.00	-1.74%	\$30.00	\$30.00
NORTHERN LOWER PENINSULA	1	19.00	\$30.53	\$22.30	73.04%	\$30.00	-1.74%	\$30.00	\$30.00
STATEWIDE	1				73.04%		-1.74%	\$30.00	\$30.00

07/01/2015 to 12/31/2015

PULPWOOD (Cords, see general note 3)

Date: 01/15/2016

Page 13 of 27

BASSWOOD	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
CRYSTAL FALLS FOREST MGT UNI	2	275.00	\$26.02	\$16.64	63.97%	\$23.00	-11.60%	\$23.00	\$23.01
ESCANABA FOREST MGT UNIT	2	126.00	\$49.42	\$29.31	59.31%	\$45.30	-8.33%	\$24.30	\$50.50
ESCANABA RIVER STATE FOREST		126.00	\$49.42	\$29.31	59.31%	\$45.30	-8.33%	\$24.30	\$50.50
UPPER PENINSULA	4				61.80%		-10.08%	\$23.00	\$50.50
STATEWIDE	4				61.80%		-10.08%	\$23.00	\$50.50
BEECH	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SHINGLETON FOREST MGT UNIT	1	77.00	\$32.64	\$22.85	70.01%	\$40.00	22.55%	\$40.00	\$40.00
NEWBERRY FOREST MGT UNIT	1	51.00	\$36.24	\$26.45	72.99%	\$40.00	10.38%	\$40.00	\$40.00
S STE MARIE FMU (DRUMMOND IS	1	195.00	<u>\$27.95</u>	\$21.50	76.92%	\$21.50	23.08%	\$21.50	\$21.50
LAKE SUPERIOR STATE FOREST	3	323.00	\$30.38	\$22.60	74.41%	\$28.83	-5.09%	\$21.50	\$40.00
UPPER PENINSULA	3				74.41%		-5.09%	\$21.50	\$40.00
GAYLORD FOREST MGT UNIT	1	128.00	\$9.08	\$5.80	63.88%	\$54.43	499.45%	\$54.43	\$54.43
PIGEON RIVER FOREST MGT UNIT	1	152.00	\$9.85	\$6.20	62.94%	\$6.20	-37.06%	\$6.20	\$6.20
MACKINAW STATE FOREST	2	280.00	\$9.50	\$6.02	63.35%	\$28.25	197.41%	\$6.20	\$54.43
GRAYLING FOREST MGT UNIT	1	261.00	· — — <u>-</u> -	\$10.45	70.04%	\$26.00		\$26.00	\$26.00
AUSABLE STATE FOREST	1	261.00	\$14.92	\$10.45	70.04%	\$26.00	74.26%	\$26.00	\$26.00
NORTHERN LOWER PENINSULA	3	541.00	\$12.11	\$8.16	67.33%	\$27.16	124.24%	\$6.20	\$54.43
STATEWIDE	6				71.57%		46.70%	\$6.20	\$54.43
BLACK ASH	# OF SALES SOLD	TOTAL VOLUME	AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	1	95.00	\$34.88	\$20.95	60.06%	\$42.95	23.14%	\$42.95	\$42.95
ESCANABA FOREST MGT UNIT	1	136.00	\$25.00	\$15.00 - — — — — — —	60.00%	\$50.50	102.00%	\$50.50	\$50.50
ESCANABA RIVER STATE FOREST	1	136.00	,	\$15.00	60.00%	\$50.50	102.00%	\$50.50	\$50.50
SHINGLETON FOREST MGT UNIT	2	224.00	\$32.01	\$21.38 - — — — — — —	66.78%	\$26.26	17.96%	\$21.10	\$27.63
LAKE SUPERIOR STATE FOREST	2	224.00	\$32.01	\$21.38	66.78%	\$26.26	-17.96%	\$21.10	\$27.63
UPPER PENINSULA	4				63.52%		21.22%	\$21.10	\$50.50
STATEWIDE	4				63.52%		21.22%	\$21.10	\$50.50

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 14 of 27

FULF WOOD (Colus, see	generalino	(C 3)							
BLACK CHERRY	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
TRAVERSE CITY FOREST MGT UNI	1	354.00	\$23.36	\$10.05	43.02%	\$28.56	22.26%	\$28.56	\$28.56
PERE MARQUETTE STATE FORES		354.00	\$23.36	\$10.05	43.02%	\$28.56	22.26%	\$28.56	\$28.56
NORTHERN LOWER PENINSULA	1	354.00	\$23.36	\$10.05	43.02%	\$28.56	22.26%	\$28.56	\$28.56
STATEWIDE	1				43.02%		22.26%	\$28.56	\$28.56
BLACK SPRUCE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GWINN FOREST MGT UNIT	3	4,319.00	\$49.73	\$39.29	79.01%	\$40.69	-18.17%	\$26.55	\$44.40
ESCANABA FOREST MGT UNIT	3	506.00	\$36.67	\$20.25	55.21%	\$37.62	2.59%	\$20.00	\$50.00
ESCANABA RIVER STATE FOREST	6	4,825.00	\$48.36	\$37.29	77.12%	\$40.37	-16.52%	\$20.00	\$50.00
SHINGLETON FOREST MGT UNIT	8	2,924.00	\$32.46	\$19.23	59.26%	\$38.48	18.54%	\$8.70	\$50.35
NEWBERRY FOREST MGT UNIT	13	7,918.00	\$33.07	\$23.50	71.06%	\$27.54	-16.73%	\$21.00	\$44.11
LAKE SUPERIOR STATE FOREST	<u> </u>	10,842.00	\$32.91	\$22.35	67.92%	\$30.49	-7.35%	\$8.70	\$50.35
UPPER PENINSULA	27				71.56%		-10.98%	\$8.70	\$50.35
TRAVERSE CITY FOREST MGT UNI	1	349.00	\$12.03	\$7.80	64.84%	\$62.20	417.04%	\$62.20	\$62.20
PERE MARQUETTE STATE FORES	<u> </u>	349.00	\$12.03	\$7.80	64.84%	\$62.20	417.04%	\$62.20	\$62.20
ROSCOMMON FOREST MGT UNIT	1	171.00	\$18.72	\$11.45	61.16%	\$12.00	-35.90%	\$12.00	\$12.00
AUSABLE STATE FOREST		171.00	\$18.72	\$11.45	61.16%	\$12.00	-35.90%	\$12.00	\$12.00
NORTHERN LOWER PENINSULA	2	520.00	\$14.23	\$9.00	63.25%	\$45.69	221.10%	\$12.00	\$62.20
STATEWIDE	29				71.46%		-8.10%	\$8.70	\$62.20

07/01/2015 to 12/31/2015

Date:

\$35.00

\$35.00

250.00%

250.00%

\$35.00

\$35.00

Page 15 of 27

01/15/2016

PULPWOOD (Cords, see general note 3)

NORTHERN LOWER PENINSULA

STATEWIDE

1

72.00

\$10.00

\$10.00

100.00%

100.00%

\$35.00

JACK PINE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GWINN FOREST MGT UNIT	1	221.00	\$64.41	\$40.60	63.03%	\$45.60	-29.20%	\$45.60	\$45.60
ESCANABA RIVER STATE FOREST	1	221.00	\$64.41	\$40.60	63.03%	\$45.60	-29.20%	\$45.60	\$45.60
SHINGLETON FOREST MGT UNIT	4	4,335.00	\$64.45	\$41.62	64.58%	\$62.86	-2.48%	\$48.00	\$73.76
NEWBERRY FOREST MGT UNIT	5	3,187.00	\$66.41	\$48.10	72.44%	\$50.68	-23.68%	\$39.95	\$62.50
LAKE SUPERIOR STATE FOREST	9	7,522.00	\$65.28	\$44.37	67.96%	\$57.70	-11.61%	\$39.95	\$73.76
UPPER PENINSULA	10				67.82%		-12.11%	\$39.95	\$73.76
GAYLORD FOREST MGT UNIT	1	65.00	\$34.06	\$28.25	82.94%	\$28.25	-17.06%	\$28.25	\$28.25
MACKINAW STATE FOREST		65.00	\$34.06	\$28.25	82.94%	\$28.25	-17.06%	\$28.25	\$28.25
TRAVERSE CITY FOREST MGT UNI	2	1,193.00	\$17.90	\$11.02	61.58%	\$11.02	-38.42%	\$10.40	\$11.65
CADILLAC FOREST MGT UNIT	1	948.00	\$11.97	\$6.00	50.13%	\$43.00	259.23%	\$43.00	\$43.00
PERE MARQUETTE STATE FORES	3	2,141.00	\$15.27	\$8.80	57.61%	\$25.18	64.87%	\$10.40	\$43.00
ROSCOMMON FOREST MGT UNIT	2	417.00	\$27.79	\$18.81	67.67%	\$38.51	38.56%	\$22.80	\$48.00
GRAYLING FOREST MGT UNIT	3	2,441.00	\$25.21	\$20.43	81.04%	\$104.09	312.88%	\$25.00	\$125.23
GLADWIN FOREST MGT UNIT	1	2,332.00	\$30.44	\$23.15	76.05%	\$23.88	-21.55%	\$23.88	\$23.88
AUSABLE STATE FOREST	6	5,190.00	\$27.77	\$21.52	77.51%	\$62.78	126.09%	\$22.80	\$125.23
NORTHERN LOWER PENINSULA	10	7,396.00	\$24.21	\$17.90	73.94%	\$51.59	113.14%	\$10.40	\$125.23
STATEWIDE	20				69.42%		20.66%	\$10.40	\$125.23
MISCELLANEOUS	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
GRAYLING FOREST MGT UNIT	1	72.00	` '	\$10.00	100.00%	\$35.00	250.00%	\$35.00	\$35.00
AUSABLE STATE FOREST	<u> </u>	72.00	\$10.00	\$10.00	100.00%	\$35.00	250.00%	\$35.00	\$35.00

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 16 of 27

MIXED ASPEN	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
BARAGA FOREST MGT UNIT	2	574.00	\$41.36	\$35.19	85.07%	\$42.91	3.76%	\$38.41	\$53.89
CRYSTAL FALLS FOREST MGT UNI	11	5,941.00	\$55.34	\$30.88	55.80%	\$46.69	-15.63%	\$23.50	\$69.00
GWINN FOREST MGT UNIT	3	2,771.00	\$44.34	\$26.74	60.30%	\$44.09	-0.56%	\$30.70	\$51.78
ESCANABA RIVER STATE FOREST	$\frac{1}{3}$	2,771.00	\$44.34	\$26.74	60.30%	\$44.09	-0.56%	\$30.70	\$51.78
SHINGLETON FOREST MGT UNIT	1	177.00	\$37.27	\$26.10	70.03%	\$65.00	74.40%	\$65.00	\$65.00
NEWBERRY FOREST MGT UNIT	13	5,404.00	\$40.55	\$30.44	75.07%	\$38.17	-5.87%	\$20.00	\$50.00
S STE MARIE FMU (SOO MAINLAN	3	1,014.00	\$31.45	\$19.46	61.86%	\$33.64	6.96%	\$30.00	\$65.34
S STE MARIE FMU (DRUMMOND IS	1	488.00	\$24.42	\$18.80	76.99%	\$18.80	-23.01%	\$18.80	\$18.80
LAKE SUPERIOR STATE FOREST	18	7,083.00	\$38.06	\$27.96	73.47%	\$36.86	-3.14%	\$18.80	\$65.34
UPPER PENINSULA	34				63.87%		-8.01%	\$18.80	\$69.00
GAYLORD FOREST MGT UNIT	1	956.00	\$21.66	\$18.00	83.10%	\$18.00	-16.90%	\$18.00	\$18.00
PIGEON RIVER FOREST MGT UNIT	4	1,958.00	\$20.49	\$14.29	69.76%	\$22.25	8.57%	\$20.00	\$31.00
MACKINAW STATE FOREST		2,914.00	\$20.87	\$15.51	74.30%	\$20.85	-0.10%	\$18.00	\$31.00
TRAVERSE CITY FOREST MGT UNI	11	5,815.00	\$34.19	\$21.39	62.56%	\$26.41	-22.75%	\$14.85	\$37.00
CADILLAC FOREST MGT UNIT	9	5,766.00	\$31.40	\$21.08	67.15%	\$23.91	-23.83%	\$17.85	\$35.00
PERE MARQUETTE STATE FORES		11,581.00	\$32.80	\$21.24	64.75%	\$25.17	-23.26%	\$14.85	\$37.00
ROSCOMMON FOREST MGT UNIT	4	1,765.00	\$29.75	\$20.87	70.15%	\$33.11	11.29%	\$15.25	\$41.00
GRAYLING FOREST MGT UNIT	5	1,615.00	\$20.92	\$12.31	58.85%	\$64.79	209.72%	\$14.30	\$100.00
GLADWIN FOREST MGT UNIT	5	10,356.00	\$23.79	\$20.52	86.23%	\$23.62	-0.71%	\$18.05	\$60.50
AUSABLE STATE FOREST	<u></u>	13,736.00	\$24.22	\$19.60	80.91%	\$29.68	22.55%	\$14.30	\$100.00
NORTHERN LOWER PENINSULA	39	28,231.00	\$27.39	\$19.85	72.45%	\$26.92	-1.73%	\$14.30	\$100.00
STATEWIDE	73				68.24%		-4.81%	\$14.30	\$100.00

07/01/2015 to 12/31/2015

Date:

Page 17 of 27

01/15/2016

MIXED HARDWOOD	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
BARAGA FOREST MGT UNIT	17	15,734.00	\$33.35	\$25.71	77.08%	\$46.75	40.15%	\$18.10	\$85.87
CRYSTAL FALLS FOREST MGT UNI	13	4,620.00	\$42.29	\$24.30	57.45%	\$42.15	-0.33%	\$18.75	\$89.00
GWINN FOREST MGT UNIT	3	1,742.00	\$44.98	\$29.93	66.55%	\$37.18	-17.34%	\$31.25	\$43.00
ESCANABA FOREST MGT UNIT	14	10,412.00	\$49.59	\$33.82	68.20%	\$52.51	5.88%	\$21.00	\$70.00
ESCANABA RIVER STATE FOREST	17	12,154.00	\$48.93	\$33.26	67.98%	\$50.31	2.82%	\$21.00	\$70.00
SHINGLETON FOREST MGT UNIT	5	1,897.00	\$35.88	\$24.00	66.88%	\$34.45	-4.00%	\$15.00	\$50.00
NEWBERRY FOREST MGT UNIT	13	11,958.00	\$38.30	\$26.97	70.42%	\$32.46	-15.25%	\$25.80	\$42.75
S STE MARIE FMU (SOO MAINLAN	2	716.00	\$30.38	\$17.24	56.75%	\$20.20	-33.51%	\$16.45	\$30.00
LAKE SUPERIOR STATE FOREST		14,571.00	\$37.60	\$26.11	69.44%	\$32.12	-14.58%	\$15.00	\$50.00
UPPER PENINSULA	67				69.87%		7.89%	\$15.00	\$89.00
GAYLORD FOREST MGT UNIT	1	392.00	\$23.77	\$17.85	75.09%	\$17.85	-24.91%	\$17.85	\$17.85
PIGEON RIVER FOREST MGT UNIT	3	992.00	\$22.50	\$15.74	69.95%	\$37.28	65.71%	\$9.65	\$85.00
MACKINAW STATE FOREST	4	1,384.00	\$22.86	\$16.33	71.46%	\$31.78	39.02%	\$9.65	\$85.00
TRAVERSE CITY FOREST MGT UNI	8	5,308.00	\$22.30	\$12.81	57.43%	\$32.80	47.05%	\$11.25	\$99.20
PERE MARQUETTE STATE FORES	8	5,308.00	\$22.30	\$12.81	57.43%	\$32.80	47.05%	\$11.25	\$99.20
ROSCOMMON FOREST MGT UNIT	1	36.00	\$12.71	\$8.90	70.02%	\$42.50	234.38%	\$42.50	\$42.50
GRAYLING FOREST MGT UNIT	2	452.00	\$13.24	\$8.72	65.81%	\$28.95	118.60%	\$25.00	\$40.00
AUSABLE STATE FOREST	3	488.00	\$13.20	\$8.73	66.11%	\$29.95	126.82%	\$25.00	\$42.50
NORTHERN LOWER PENINSULA	15	7,180.00	\$21.79	\$13.21	60.63%	\$32.41	48.71%	\$9.65	\$99.20
STATEWIDE	82				69.15%		11.05%	\$9.65	\$99.20
STATEWIDE	02				00.1070		11.0070	ψ0.00	Ψ00.20

MIXED OAK	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ESCANABA FOREST MGT UNIT	1	120.00	\$28.00	\$22.95	81.96%	\$30.00	7.14%	\$30.00	\$30.00
ESCANABA RIVER STATE FOREST	1	120.00	\$28.00	\$22.95	81.96%	\$30.00	7.14%	\$30.00	\$30.00
UPPER PENINSULA	1				81.96%		7.14%	\$30.00	\$30.00
TRAVERSE CITY FOREST MGT UNI	1	257.00	\$11.80	\$8.50	72.03%	\$8.50	-27.97%	\$8.50	\$8.50
PERE MARQUETTE STATE FORES	<u> </u>	257.00	\$11.80	\$8.50	72.03%	\$8.50	-27.97%	\$8.50	\$8.50
ROSCOMMON FOREST MGT UNIT	5	1,627.00	\$13.47	\$9.46	70.23%	\$14.69	9.09%	\$8.10	\$38.00
GRAYLING FOREST MGT UNIT	5	3,690.00	\$11.70	\$9.31	79.58%	\$10.54	-9.93%	\$7.60	\$35.00
GLADWIN FOREST MGT UNIT	1	82.00	\$11.14	\$4.25	38.15%	\$4.25	-61.85%	\$4.25	\$4.25
AUSABLE STATE FOREST	<u></u>	5,399.00	\$12.22	\$9.28	75.90%	\$11.69	-4.34%	\$4.25	\$38.00
NORTHERN LOWER PENINSULA	12	5,656.00	\$12.20	\$9.24	75.73%	\$11.55	-5.38%	\$4.25	\$38.00
STATEWIDE	13				76.02%		-4.79%	\$4.25	\$38.00

07/01/2015 to 12/31/2015

01/15/2016

Date:

Page 18 of 27

PULPWOOD (Cords, see	general not	te 3)							
MIXED PINE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
CRYSTAL FALLS FOREST MGT UNI	2	142.00	\$49.75	\$28.13	56.54%	\$34.48	-30.69%	\$30.90	\$38.61
UPPER PENINSULA	2				56.54%		-30.69%	\$30.90	\$38.61
GRAYLING FOREST MGT UNIT	1	54.00	\$36.90	\$19.55	52.98%	\$80.00	116.80%	\$80.00	\$80.00
AUSABLE STATE FOREST		54.00	\$36.90	\$19.55	52.98%	\$80.00	116.80%	\$80.00	\$80.00
NORTHERN LOWER PENINSULA	1	54.00	\$36.90	\$19.55	52.98%	\$80.00	116.80%	\$80.00	\$80.00
STATEWIDE	3				55.76%		1.76%	\$30.90	\$80.00
MIXED SOFTWOOD	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
BARAGA FOREST MGT UNIT	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	8	5,223.00	\$32.12	\$22.70	70.66%	\$36.69	14.23%	\$20.90	\$49.37
CRYSTAL FALLS FOREST MGT UNIT	14	3,488.00 4.070.00	\$50.96	\$30.24 \$30.46	59.34% 69.22%	\$44.73	-12.23%	\$19.00 \$27.70	\$73.00
ESCANABA RIVER STATE FOREST		$ \frac{4,070.00}{4.070.00}$				\$48.81	$\frac{10.90\%}{10.90\%}$		\$70.00
NEWBERRY FOREST MGT UNIT	10	4,070.00 576.00	\$44.01 \$35.78	\$30.46	69.22% 82.68%	\$48.81	10.90%	\$27.70	\$70.00
	-		*	\$29.58		\$31.12	-13.01%	\$29.10	\$40.00
S STE MARIE FMU (SOO MAINLAN	2	568.00 265.00	\$18.74 \$26.19	\$10.87 \$20.15	58.02% 76.94%	\$57.16 \$20.15	205.03% -23.06%	\$33.60 \$20.15	\$62.50 \$30.45
S STE MARIE FMU (DRUMMOND IS LAKE SUPERIOR STATE FOREST	$\frac{1}{6}$	$ \frac{265.00}{1.409.00}$	· — — <u>·</u> — –	- \$20.13 \$20.27	76.94%	\$20.15 \$39.55	-23.06% 45.92%	\$20.15	<u>\$20.15</u> \$62.50
UPPER PENINSULA	38	1,409.00	φ2 <i>1</i> .11	φ20.21	66.91%	\$39.55 	6.97%	\$19.00	\$73.00
PIGEON RIVER FOREST MGT UNIT	2	148.00		\$23.77	68.56%	\$31.76	-8.41%	\$20.00	\$50.00
MACKINAW STATE FOREST	$\frac{2}{2}$		\$34.67 \$34.67	<u> </u>	<u></u>			\$20.00	\$50.00
CADILLAC FOREST MGT UNIT	1	242.00	·	\$7.70	53.10%	\$33.90	133.79%	\$33.90	\$33.90
PERE MARQUETTE STATE FORES	<u>'</u>				53.10%	\$33.90	133.79%	\$33.90	\$33.90
ROSCOMMON FOREST MGT UNIT	1	92.00	·	\$11.70	61.16%	\$31.70	65.71%	\$31.70	\$31.70
AUSABLE STATE FOREST	<u>'</u>	$\frac{32.00}{92.00}$. — — -	- — — — \$11.70 \$11.70	61.16%	\$31.70	$\frac{1}{100} = \frac{100.71\%}{100.0000000000000000000000000000000000$	\$31.70	\$31.70
NORTHERN LOWER PENINSULA	4	482.00	·	\$13.40	62.09%	\$32.82	52.11%	\$20.00	\$50.00

66.82%

7.78%

\$19.00

\$73.00

STATEWIDE

42

07/01/2015 to 12/31/2015

Date: 0

01/15/2016

Page 19 of 27

N. WHITE CEDAR	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
ESCANABA FOREST MGT UNIT	7	2,465.00	\$40.12	\$27.31	68.06%	\$37.21	-7.25%	\$20.00	\$61.90
ESCANABA RIVER STATE FOREST	7	2,465.00	\$40.12	\$27.31	68.06%	\$37.21	-7.25%	\$20.00	\$61.90
SHINGLETON FOREST MGT UNIT	1	340.00	\$14.25	\$4.00	28.07%	\$4.00	-71.93%	\$4.00	\$4.00
NEWBERRY FOREST MGT UNIT	2	3,260.00	\$13.96	\$11.57	82.87%	\$11.61	-16.83%	\$10.23	\$11.76
LAKE SUPERIOR STATE FOREST	3	3,600.00	\$13.99	\$10.85	77.60%	\$10.89	-22.13%	\$4.00	\$11.76
UPPER PENINSULA	10				71.28%		-12.27%	\$4.00	\$61.90
GAYLORD FOREST MGT UNIT	1	92.00	\$42.60	\$31.10	73.00%	\$35.00	-17.84%	\$35.00	\$35.00
MACKINAW STATE FOREST		92.00	\$42.60	\$31.10	73.00%	\$35.00	-17.84%	\$35.00	\$35.00
NORTHERN LOWER PENINSULA	1	92.00	\$42.60	\$31.10	73.00%	\$35.00	-17.84%	\$35.00	\$35.00
STATEWIDE	11				71.32%		-12.41%	\$4.00	\$61.90
PAPER BIRCH	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	1	456.00	\$19.75	\$7.50	37.97%	\$12.50	-36.71%	\$12.50	\$12.50
CRYSTAL FALLS FOREST MGT UNI	1	137.00	\$42.50	\$20.00	47.06%	\$41.49	-2.38%	\$41.49	\$41.49
SHINGLETON FOREST MGT UNIT	1	75.00	\$24.66	\$16.30	66.10%	\$16.30	-33.90%	\$16.30	\$16.30
NEWBERRY FOREST MGT UNIT	4	1,024.00	\$24.77	\$19.13	77.26%	\$30.89	24.71%	\$20.70	\$74.00
S STE MARIE FMU (SOO MAINLAN	1	275.00	\$17.37	\$13.20	75.99%	\$25.00	43.93%	\$25.00	\$25.00
LAKE SUPERIOR STATE FOREST	6	1,374.00	\$23.28	\$17.79	76.42%	\$28.91	24.19%	\$16.30	\$74.00
LIDDED DENIMOLILA							0.470/	#40.50	\$74.00
UPPER PENINSULA	8				65.37%		9.17%	\$12.50	\$74.00

07/01/2015 to 12/31/2015

Date:

Page 20 of 27

01/15/2016

PULPWOOD (Cords, see general note 3)

NORTHERN LOWER PENINSULA

STATEWIDE

23

8,012.60

\$17.09

\$11.74

68.68%

67.56%

\$18.21

6.54%

6.98%

\$4.60

\$4.60

\$51.85

\$51.85

Q. ASPEN	SOLD	OTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	7	2,162.00	\$52.78	\$32.95	62.44%	\$53.02	0.46%	\$21.25	\$65.00
CRYSTAL FALLS FOREST MGT UNI	6	3,982.00	\$53.65	\$34.65	64.57%	\$48.42	-9.76%	\$30.55	\$67.00
GWINN FOREST MGT UNIT	2	1,918.00	\$47.70	\$34.34	71.99%	\$56.33	18.09%	\$42.10	\$58.88
ESCANABA FOREST MGT UNIT	10	5,092.00	\$50.09	\$35.49	70.86%	\$55.00	9.80%	\$31.00	\$71.97
ESCANABA RIVER STATE FOREST	12	7,010.00	\$49.44	\$35.18	71.16%	\$55.36	11.99%	\$31.00	\$71.97
SHINGLETON FOREST MGT UNIT	1	750.00	\$41.38	\$28.55	68.99%	\$62.99	52.22%	\$62.99	\$62.99
LAKE SUPERIOR STATE FOREST		750.00	\$41.38	\$28.55	68.99%	\$62.99	52.22%	\$62.99	\$62.99
UPPER PENINSULA	26				67.66%		5.31%	\$21.25	\$71.97
GAYLORD FOREST MGT UNIT	2	1,031.00	\$15.95	\$11.65	73.04%	\$34.47	116.09%	\$25.00	\$35.00
MACKINAW STATE FOREST		1,031.00	\$15.95	\$11.65	73.04%	\$34.47	116.09%	\$25.00	\$35.00
NORTHERN LOWER PENINSULA	2	1,031.00	\$15.95	\$11.65	73.04%	\$34.47	116.09%	\$25.00	\$35.00
STATEWIDE	28				67.78%		7.83%	\$21.25	\$71.97
RED MAPLE	# OF SALES SOLD (1)	OTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
SHINGLETON FOREST MGT UNIT	2	893.00	\$29.24	\$18.45	63.11%	\$34.47	17.87%	\$28.00	\$37.99
NEWBERRY FOREST MGT UNIT	1	169.00	\$29.24	\$17.55	60.02%	\$18.00	-38.44%	\$18.00	\$18.00
LAKE SUPERIOR STATE FOREST		1,062.00	\$29.24	\$18.31	62.62%	\$31.85	8.91%	\$18.00	\$37.99
UPPER PENINSULA	3				62.62%		8.91%	\$18.00	\$37.99
GAYLORD FOREST MGT UNIT	1	292.00	\$21.22	\$17.00	80.11%	\$17.00	-19.89%	\$17.00	\$17.00
PIGEON RIVER FOREST MGT UNIT	1	175.00	\$15.11	\$10.10	66.84%	\$50.00	230.91%	\$50.00	\$50.00
MACKINAW STATE FOREST		467.00	\$18.93	\$14.41	76.14%	\$29.37	55.13%	\$17.00	\$50.00
TRAVERSE CITY FOREST MGT UNI	3	882.00	\$24.60	\$15.22	61.89%	\$28.18	14.57%	\$13.30	\$35.00
CADILLAC FOREST MGT UNIT	7	1,182.60	\$25.18	\$18.51	73.50%	\$26.35	4.64%	\$13.80	\$50.00
PERE MARQUETTE STATE FORES		2,064.60	\$24.93	\$17.11	68.61%	\$27.13	8.82%	\$13.30	\$50.00
ROSCOMMON FOREST MGT UNIT	3	614.00	\$13.51	\$8.92	66.03%	\$15.57	15.25%	\$8.60	\$40.00
GRAYLING FOREST MGT UNIT	3	679.00	\$14.62	\$8.37	57.28%	\$18.98	29.85%	\$8.15	\$40.00
GLADWIN FOREST MGT UNIT	5	4,188.00	\$13.95	\$9.75	69.93%	\$12.83	-8.02%	\$4.60	\$51.85

07/01/2015 to 12/31/2015

Date: 01/15/2016

Page 21 of 27

RED OAK	# OF SALES SOLD	TOTAL VOLUME	AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ESCANABA FOREST MGT UNIT	3	904.00	\$46.54	\$27.61	59.33%	\$47.91	2.96%	\$35.00	\$70.00
ESCANABA RIVER STATE FOREST	3	904.00	\$46.54	\$27.61	59.33%	\$47.91	2.96%	\$35.00	\$70.00
UPPER PENINSULA	3				59.33%		2.96%	\$35.00	\$70.00
GAYLORD FOREST MGT UNIT	1	1,204.00	\$27.54	\$19.85	72.08%	\$61.53	123.42%	\$61.53	\$61.53
MACKINAW STATE FOREST		1,204.00	\$27.54	\$19.85	72.08%	\$61.53	123.42%	\$61.53	\$61.53
TRAVERSE CITY FOREST MGT UNI	4	1,825.00	\$21.86	\$13.73	62.78%	\$17.40	-20.42%	\$13.20	\$30.00
CADILLAC FOREST MGT UNIT	2	255.00	\$18.84	\$12.54	66.53%	\$12.54	-33.47%	\$11.90	\$14.90
PERE MARQUETTE STATE FORES	6	2,080.00	\$21.49	\$13.58	63.19%	\$16.80	-21.82%	\$11.90	\$30.00
ROSCOMMON FOREST MGT UNIT	2	627.00	\$33.42	\$19.12	57.21%	\$36.36	8.80%	\$25.65	\$45.00
GLADWIN FOREST MGT UNIT	1	2,460.00	\$24.70	\$19.25	77.94%	\$20.00	-19.03%	\$20.00	\$20.00
AUSABLE STATE FOREST		3,087.00	\$26.47	\$19.22	72.62%	\$23.32	-11.89%	\$20.00	\$45.00
NORTHERN LOWER PENINSULA	10	6,371.00	\$25.05	\$17.50	69.87%	\$28.41	13.44%	\$11.90	\$61.53
STATEWIDE	13				67.67%		11.26%	\$11.90	\$70.00

07/01/2015 to 12/31/2015

Date: 0

01/15/2016

Page 22 of 27

PULPWOOD (Cords, see general note 3)

LAKE SUPERIOR STATE FOREST

UPPER PENINSULA

STATEWIDE

1

1

1

107.00

\$40.00

RED PINE	# OF SALES SOLD (1)	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
BARAGA FOREST MGT UNIT	2	317.00	, ,	\$53.75	81.77%	\$70.98	7.99%	\$55.85	\$79.25
CRYSTAL FALLS FOREST MGT UNI	3	3,695.00	\$91.47	\$58.54	64.00%	\$76.05	-16.86%	\$75.09	\$85.00
GWINN FOREST MGT UNIT	1	199.00	\$81.96	\$45.10	55.03%	\$52.10	-36.43%	\$52.10	\$52.10
ESCANABA FOREST MGT UNIT	3	2,168.00	\$81.38	\$55.87	68.66%	\$79.41	-2.41%	\$50.40	\$84.57
ESCANABA RIVER STATE FOREST	4	2,367.00	\$81.43	\$54.97	67.50%	\$77.12	-5.29%	\$50.40	\$84.57
SHINGLETON FOREST MGT UNIT	2	66.00	\$109.39	\$80.91	73.96%	\$82.05	-25.00%	\$76.00	\$86.23
NEWBERRY FOREST MGT UNIT	4	1,520.00	\$110.24	\$105.24	95.47%	\$115.23	4.53%	\$75.15	\$128.93
LAKE SUPERIOR STATE FOREST	6	1,586.00	\$110.20	\$104.23	94.58%	\$113.85	3.31%	\$75.15	\$128.93
UPPER PENINSULA	15				72.80%		-8.22%	\$50.40	\$128.93
GAYLORD FOREST MGT UNIT	2	2,188.00	\$82.60	\$56.26	68.11%	\$87.27	5.66%	\$85.10	\$155.00
MACKINAW STATE FOREST		2,188.00	\$82.60	\$56.26	68.11%	\$87.27	5.66%	\$85.10	\$155.00
TRAVERSE CITY FOREST MGT UNI	3	1,344.00	\$56.53	\$40.11	70.96%	\$77.94	37.88%	\$60.55	\$86.35
CADILLAC FOREST MGT UNIT	6	1,934.00	\$59.22	\$40.19	67.87%	\$62.94	6.28%	\$38.90	\$69.20
PERE MARQUETTE STATE FORES	9	3,278.00	\$58.12	\$40.16	69.10%	\$69.09	18.88%	\$38.90	\$86.35
ROSCOMMON FOREST MGT UNIT	4	1,374.00	\$67.47	\$50.45	74.77%	\$54.80	-18.78%	\$42.50	\$60.00
GRAYLING FOREST MGT UNIT	7	4,619.00	\$59.22	\$46.10	77.85%	\$86.27	45.67%	\$27.70	\$168.00
GLADWIN FOREST MGT UNIT	3	2,960.00	\$59.75	\$45.97	76.94%	\$63.09	5.59%	\$58.00	\$100.00
AUSABLE STATE FOREST	14	8,953.00	\$60.66	\$46.72	77.03%	\$73.77	21.62%	\$27.70	\$168.00
NORTHERN LOWER PENINSULA	25	14,419.00	\$63.41	\$46.68	73.61%	\$74.76	17.89%	\$27.70	\$168.00
STATEWIDE	40				73.25%		6.33%	\$27.70	\$168.00
SCOTCH PINE	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL (3)	AVERAGE ADVERTISED PRICE (4)	RATIO OF COLUMN 4 TO COLUMN 3 (5)	AVERAGE SOLD PRICE (6)	% CHANGE FROM COL. 3 TO COL. 6 (7)	MINIMUM SOLD PRICE (8)	MAXIMUM SOLD PRICE (9)
SHINGLETON FOREST MGT UNIT	1	107.00	\$40.00	\$30.40	76.00%	\$42.46	6.15%	\$42.46	\$42.46

\$30.40

76.00%

76.00%

76.00%

\$42.46

6.15%

6.15%

6.15%

\$42.46

\$42.46

\$42.46

\$42.46

\$42.46

\$42.46

07/01/2015 to 12/31/2015

Date:

01/15/2016

Page 23 of 27

TAMARACK	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BARAGA FOREST MGT UNIT	1	765.00	\$38.46	\$30.75	79.95%	\$46.53	20.98%	\$46.53	\$46.53
CRYSTAL FALLS FOREST MGT UNI	2	426.00	\$35.80	\$23.93	66.84%	\$46.24	29.16%	\$27.01	\$54.78
GWINN FOREST MGT UNIT	1	706.00	\$39.26	\$32.60	83.04%	\$32.60	-16.96%	\$32.60	\$32.60
ESCANABA FOREST MGT UNIT	3	1,044.00	\$24.15	\$14.30	59.21%	\$22.92	-5.10%	\$13.50	\$25.00
ESCANABA RIVER STATE FOREST	4	1,750.00	\$30.25	\$21.68	71.69%	\$26.82	-11.31%	\$13.50	\$32.60
SHINGLETON FOREST MGT UNIT	2	3,449.00	\$29.73	\$17.05	57.35%	\$38.33	28.94%	\$22.00	\$40.70
NEWBERRY FOREST MGT UNIT	3	686.00	\$29.37	\$21.68	73.83%	\$24.34	-17.12%	\$24.11	\$25.00
LAKE SUPERIOR STATE FOREST		4,135.00	\$29.67	\$17.82	60.05%	\$36.01	21.37%	\$22.00	\$40.70
UPPER PENINSULA	12				65.98%		14.01%	\$13.50	\$54.78
STATEWIDE	12				65.98%		14.01%	\$13.50	\$54.78
WHITE	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF	AVERAGE ADVERTISED	RATIO OF COLUMN 4 TO	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3	MINIMUM SOLD	MAXIMUM SOLD PRICE
ASH	(1)	(2)	APPRAISAL (3)	PRICE (4)	COLUMN 3 (5)	(6)	TO COL. 6 (7)	PRICE (8)	(9)
GAYLORD FOREST MGT UNIT	3	1,666.00	\$14.24	\$8.46	59.42%	\$13.35	-6.20%	\$7.45	\$54.43
MACKINAW STATE FOREST	3	1,666.00	\$14.24	\$8.46	59.42%	\$13.35	-6.20%	\$7.45	\$54.43
NORTHERN LOWER PENINSULA	3	1,666.00	\$14.24	\$8.46	59.42%	\$13.35	-6.20%	\$7.45	\$54.43
STATEWIDE	3				59.42%		-6.20%	\$7.45	\$54.43
WHITE OAK	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CADILLAC FOREST MGT UNIT	1	429.20	\$7.91	\$6.90	87.23%	\$25.00	216.06%	\$25.00	\$25.00
PERE MARQUETTE STATE FORES		429.20	\$7.91	\$6.90	87.23%	\$25.00	216.06%	\$25.00	\$25.00
ROSCOMMON FOREST MGT UNIT	1	118.00	\$25.00	\$16.75	67.00%	\$17.00	-32.00%	\$17.00	\$17.00
AUSABLE STATE FOREST		118.00	\$25.00	\$16.75	67.00%	\$17.00	-32.00%	\$17.00	\$17.00
NORTHERN LOWER PENINSULA	2	547.20	\$11.60	\$9.02	77.83%	\$23.27	100.73%	\$17.00	\$25.00
STATEWIDE	2				77.83%		100.73%	\$17.00	\$25.00

07/01/2015 to 12/31/2015

Date:

Page 24 of 27

01/15/2016

PULPWOOD (Cords, see general note 3)

STATEWIDE

WHITE PINE	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ESCANABA FOREST MGT UNIT	1	36.00	\$38.50	\$24.65	64.03%	\$24.65	-35.97%	\$24.65	\$24.65
ESCANABA RIVER STATE FOREST		36.00	\$38.50	\$24.65	64.03%	\$24.65	-35.97%	\$24.65	\$24.65
NEWBERRY FOREST MGT UNIT	5	1,613.00	\$28.50	\$23.82	83.57%	\$50.38	76.76%	\$22.20	\$88.00
LAKE SUPERIOR STATE FOREST	5	1,613.00	\$28.50	\$23.82	83.57%	\$50.38	76.76%	\$22.20	\$88.00
UPPER PENINSULA	6				83.00%		73.46%	\$22.20	\$88.00
CADILLAC FOREST MGT UNIT	1	392.00	\$24.59	\$16.25	66.08%	\$16.25	-33.92%	\$16.25	\$16.25
PERE MARQUETTE STATE FORES	1	392.00	\$24.59	\$16.25	66.08%	\$16.25	-33.92%	\$16.25	\$16.25
ROSCOMMON FOREST MGT UNIT	1	302.00	\$23.28	\$16.30	70.02%	\$16.50	-29.12%	\$16.50	\$16.50
GRAYLING FOREST MGT UNIT	1	402.00	\$25.06	\$16.05	64.05%	\$100.00	299.04%	\$100.00	\$100.00
AUSABLE STATE FOREST	2	704.00	\$24.30	\$16.16	66.50%	\$64.18	164.16%	\$16.50	\$100.00
NORTHERN LOWER PENINSULA	3	1,096.00	\$24.40	\$16.19	66.35%	\$47.04	92.77%	\$16.25	\$100.00
STATEWIDE	9				76.99%		80.43%	\$16.25	\$100.00
WHITE SPRUCE	# OF SALES SOLD	TOTAL VOLUME	AVG. PRICE AT TIME OF APPRAISAL	AVERAGE ADVERTISED PRICE	RATIO OF COLUMN 4 TO COLUMN 3	AVERAGE SOLD PRICE	% CHANGE FROM COL. 3 TO COL. 6	MINIMUM SOLD PRICE	MAXIMUM SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CRYSTAL FALLS FOREST MGT UNI	1	97.00	\$31.35	\$21.95	70.02%	\$35.11	11.99%	\$35.11	\$35.11
GWINN FOREST MGT UNIT	2	319.00		\$21.98	56.00%	\$28.74	26.77%	\$27.85	\$31.35
ESCANABA RIVER STATE FOREST	2	319.00	\$39.24	\$21.98	56.00%	\$28.74	-26.77%	\$27.85	\$31.35
SHINGLETON FOREST MGT UNIT	2	63.00	·	\$23.46	59.63%	•	-39.96%	\$18.00	\$33.40
NEWBERRY FOREST MGT UNIT	1	157.00		<u>\$40.50</u>	80.02%	\$42.00	17.01%	\$42.00	<u>\$42.00</u>
LAKE SUPERIOR STATE FOREST	3	220.00	\$47.38	\$35.62	75.18%	\$36.74	-22.47%	\$18.00	\$42.00
UPPER PENINSULA	6				65.33%		-20.51%	\$18.00	\$42.00
ROSCOMMON FOREST MGT UNIT	1	341.00	<u>\$59.33</u>	\$42.10	70.96%	\$42.10	29.04%	\$42.10	\$42.10
AUSABLE STATE FOREST	1	341.00	\$59.33	\$42.10	70.96%	\$42.10	-29.04%	\$42.10	\$42.10
NORTHERN LOWER PENINSULA	1	341.00	\$59.33	\$42.10	70.96%	\$42.10	-29.04%	\$42.10	\$42.10

67.80%

-24.24%

\$18.00

\$42.10

07/01/2015 to 12/31/2015

PULPWOOD EXCLUSION (Cords, see general note 3)

PULPWOOD EXCLUSION	• (Oolao, oo	o gonorai not	.00,	
B.T. ASPEN	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
	(1)	(2)		
CADILLAC FOREST MGT UNIT	1	155.00	\$143.53	\$143.53
PERE MARQUETTE STATE FORES		155.00	\$143.53	\$143.53
ROSCOMMON FOREST MGT UNIT	1	121.00	\$433.00	\$433.00
AUSABLE STATE FOREST		121.00	\$433.00	\$433.00
NORTHERN LOWER PENINSULA	2	276.00	\$143.53	\$433.00
STATEWIDE	2		\$143.53	\$433.00
BLACK	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
ASH	SOLD			
	(1)	(2)		
ESCANABA FOREST MGT UNIT	1	800.00	\$152.00	\$152.00
ESCANABA RIVER STATE FOREST		800.00	\$152.00	\$152.00
UPPER PENINSULA	1		\$152.00	\$152.00
STATEWIDE	1		\$152.00	\$152.00
*==	•		Ψ102.00	Ψ102.00
JACK PINE	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	
	# OF SALES	TOTAL VOLUME (2)		
	# OF SALES SOLD			
JACK PINE	# OF SALES SOLD (1)	(2)	MIN PRICE	MAX PRICE
JACK PINE ROSCOMMON FOREST MGT UNIT	# OF SALES SOLD (1)	(2)	MIN PRICE \$343.12	MAX PRICE \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST	# OF SALES SOLD (1)	(2) 	\$343.12 \$343.12	\$343.12 \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA	# OF SALES SOLD (1) 1 1 1 # OF SALES	(2) 123.00 123.00 123.00	\$343.12 \$343.12 \$343.12	\$343.12 \$343.12 \$343.12 \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE	# OF SALES SOLD (1) 1 1 1	(2) 123.00 123.00 123.00	\$343.12 \$343.12 \$343.12 \$343.12	\$343.12 \$343.12 \$343.12 \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED	# OF SALES SOLD (1) 1 1 1 # OF SALES	(2) 123.00 123.00 123.00	\$343.12 \$343.12 \$343.12 \$343.12	\$343.12 \$343.12 \$343.12 \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED	# OF SALES SOLD (1) 1 1 1 # OF SALES SOLD	(2) 123.00 123.00 123.00 TOTAL VOLUME	\$343.12 \$343.12 \$343.12 \$343.12	\$343.12 \$343.12 \$343.12 \$343.12
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED ASPEN	# OF SALES SOLD (1) 1 1 # OF SALES SOLD (1)	(2) 123.00 123.00 123.00 TOTAL VOLUME (2)	\$343.12 \$343.12 \$343.12 \$343.12 MIN PRICE	\$343.12 \$343.12 \$343.12 \$343.12 MAX PRICE
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED ASPEN TRAVERSE CITY FOREST MGT UNI	# OF SALES SOLD (1) 1 1 # OF SALES SOLD (1) (1) 1	(2) 123.00 123.00 123.00 TOTAL VOLUME (2) 204.00	\$343.12 \$343.12 \$343.12 \$343.12 MIN PRICE	\$343.12 \$343.12 \$343.12 \$343.12 MAX PRICE \$200.00
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED ASPEN TRAVERSE CITY FOREST MGT UNIT PERE MARQUETTE STATE FORES	# OF SALES SOLD (1) 1 1 1 # OF SALES SOLD (1) (1) 1 1	(2) 123.00 123.00 123.00 TOTAL VOLUME (2) 204.00 204.00	\$343.12 \$343.12 \$343.12 \$343.12 MIN PRICE \$200.00 \$200.00 \$130.00	\$343.12 \$343.12 \$343.12 \$343.12 MAX PRICE \$200.00
ROSCOMMON FOREST MGT UNIT AUSABLE STATE FOREST NORTHERN LOWER PENINSULA STATEWIDE MIXED ASPEN TRAVERSE CITY FOREST MGT UNIT PERE MARQUETTE STATE FORES ROSCOMMON FOREST MGT UNIT	# OF SALES SOLD (1) 1 1 1 # OF SALES SOLD (1) (1) 1 1 1 1 1	(2) 123.00 123.00 123.00 100 100 100 100 100 100 100	\$343.12 \$343.12 \$343.12 \$343.12 MIN PRICE \$200.00 \$200.00 \$130.00	\$343.12 \$343.12 \$343.12 \$343.12 MAX PRICE \$200.00 \$200.00 \$130.00

Date: 01/15/2016

Page 25 of 27

07/01/2015 to 12/31/2015

PULPWOOD EXCLUSION (Cords, see general note 3)

PULPWOOD EXCLUSION	ı (Coras, se	e generai noi	(e 3)	
MIXED	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
HARDWOOD	(1)	(2)		
CRYSTAL FALLS FOREST MGT UNI	1	342.00	\$208.77	\$208.77
UPPER PENINSULA	1		\$208.77	\$208.77
STATEWIDE	1		\$208.77	\$208.77
MIXED	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
OAK	SOLD			
S7 X	(1)	(2)		
CADILLAC FOREST MGT UNIT	1	572.80	\$49.35	\$49.35
PERE MARQUETTE STATE FORES	<u>_</u>	572.80	\$49.35	\$49.35
ROSCOMMON FOREST MGT UNIT	1	486.00	\$60.15	\$60.15
GRAYLING FOREST MGT UNIT	2	1,100.00	\$102.77	\$175.00
GLADWIN FOREST MGT UNIT	2	1,341.00	\$50.00	\$50.00
AUSABLE STATE FOREST		2,927.00	\$50.00	\$175.00
NORTHERN LOWER PENINSULA	6	3,499.80	\$49.35	\$175.00
STATEWIDE	6		\$49.35	\$175.00
N. WHITE	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
CEDAR	SOLD			
	(1)	(2)		
GAYLORD FOREST MGT UNIT	1	37.00	\$724.08	\$724.08
MACKINAW STATE FOREST		37.00	\$724.08	\$724.08
NORTHERN LOWER PENINSULA	1	37.00	\$724.08	\$724.08
STATEWIDE	1		\$724.08	\$724.08
RED	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
MAPLE	SOLD			
	(1)	(2)		
GAYLORD FOREST MGT UNIT	1	291.00	\$122.00	\$122.00
PIGEON RIVER FOREST MGT UNIT	1	85.00	\$235.27	\$235.27
MACKINAW STATE FOREST		376.00	\$122.00	\$235.27
TRAVERSE CITY FOREST MGT UNI	1	50.00	\$234.76	\$234.76
PERE MARQUETTE STATE FORES		50.00	\$234.76	\$234.76
GRAYLING FOREST MGT UNIT	3	855.00	\$190.00	\$357.81
AUSABLE STATE FOREST		855.00	\$190.00	\$357.81
NORTHERN LOWER PENINSULA	6	1,281.00	\$122.00	\$357.81
STATEWIDE	6		\$122.00	\$357.81

Date: 01/15/2016

Page 26 of 27

07/01/2015 to 12/31/2015

PULPWOOD EXCLUSION (Cords, see general note 3)

RED OAK	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
	(1)	(2)		
GAYLORD FOREST MGT UNIT	1	68.00	\$584.98	\$584.98
MACKINAW STATE FOREST		<u></u>	\$584.98	\$584.98
NORTHERN LOWER PENINSULA	1	68.00	\$584.98	\$584.98
STATEWIDE	1		\$584.98	\$584.98
WHITE	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
ASH				
	(1)	(2)		
GAYLORD FOREST MGT UNIT	1	400.00	\$70.00	\$70.00
MACKINAW STATE FOREST		400.00	\$70.00	\$70.00
GLADWIN FOREST MGT UNIT	1	99.00	\$65.51	\$65.51
AUSABLE STATE FOREST		99.00	\$65.51	\$65.51
NORTHERN LOWER PENINSULA	2	499.00	\$65.51	\$70.00
STATEWIDE	2		\$65.51	\$70.00
WHITE	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
OAK	SOLD			
	(1)	(2)		
TRAVERSE CITY FOREST MGT UNI	1	531.00	\$66.06	\$66.06
PERE MARQUETTE STATE FORES		531.00	\$66.06	\$66.06
GLADWIN FOREST MGT UNIT	1	1,805.00	\$395.00	\$395.00
AUSABLE STATE FOREST		1,805.00	\$395.00	\$395.00
NORTHERN LOWER PENINSULA	2	2,336.00	\$66.06	\$395.00
STATEWIDE	2		\$66.06	\$395.00

Date: 01/15/2016

Page 27 of 27