

# Michigan Department of Natural Resources Forest, Mineral, and Fire Management Timber Sale Management System

#### AVERAGE STUMPAGE PRICE REPORT FOR 10/01/2007 TO 12/31/2007

#### 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 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.

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SAWLOGS (MBF, see ge		/					1		,
B.T. ASPEN	# OF SALES SOLD (1)	TOTAL VOLUME (2)	AVG. PRICE AT TIME OF APPRAISAL	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	MAXIMUM SOLD PRICE (9)
TRAVERSE CITY FOREST MGT UNI	(1)	326.10	(3) \$108.75	\$80.42	73.95%	\$94.23	-13.35%	(8) \$74.00	\$110.00
CADILLAC FOREST MGT UNIT	3	326.10	\$96.36	\$70.10	73.95% 72.75%	\$94.23 \$80.77	-16.18%	\$67.00	\$83.00
PERE MARQUETTE STATE FORES	$\frac{3}{8}$	723.50	\$101.95	- — — — <del>\$70.10</del> \$74.75		\$86.84	<del>-10.16%</del> -14.82%	\$67.00	\$110.00
ROSCOMMON FOREST MGT UNIT	1	296.90	\$43.00	\$30.00	69.77%	\$40.00	-6.98%	\$40.00	\$40.00
GRAYLING FOREST MGT UNIT	2	361.30	*	\$57.06	74.72%	\$57.06	-25.28%	\$55.00	\$60.00
AUSABLE STATE FOREST	$\frac{2}{3}$		\$61.32	<del></del>	73.15%			\$40.00	\$60.00
NORTHERN LOWER PENINSULA	11	1.381.70	\$82.59	\$60.51	73.26%	\$68.99	-16.47%	\$40.00	\$110.00
STATEWIDE	11				73.26%		-16.47%	\$40.00	\$110.00
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)
BARAGA FOREST MGT UNIT	1	28.20	\$342.33	\$137.00	40.02%	\$137.00	-59.98%	\$137.00	\$137.00
CRYSTAL FALLS FOREST MGT UNI	1	113.10	\$179.28	\$89.64	50.00%	\$210.00	17.14%	\$210.00	\$210.00
GWINN FOREST MGT UNIT	2	35.80	\$194.38	\$117.98	60.70%	\$117.98	-39.30%	\$114.00	\$130.00
ESCANABA RIVER STATE FOREST	$\frac{1}{2}$		\$194.38		60.70%	\$117.98	-39.30%	\$114.00	\$130.00
UPPER PENINSULA	4				49.41%		-13.69%	\$114.00	\$210.00
GAYLORD FOREST MGT UNIT	1	87.00	\$78.27	\$63.00	80.49%	\$75.00	-4.18%	\$75.00	\$75.00
PIGEON RIVER FOREST MGT UNIT	1	210.00	\$78.27	\$48.00	61.33%	\$111.00	41.82%	\$111.00	\$111.00
ATLANTA FOREST MGT UNIT	1	44.20	\$84.80	\$21.00	24.76%	\$42.00	-50.47%	\$42.00	\$42.00
MACKINAW STATE FOREST		341.20	\$79.12	\$48.33	61.08%	\$92.88	17.40%	\$42.00	\$111.00
TRAVERSE CITY FOREST MGT UNI	4	73.60	\$108.47	\$75.68	69.77%	\$76.54	-29.44%	\$59.00	\$81.00
PERE MARQUETTE STATE FORES	4	73.60	\$108.47	\$75.68	69.77%	\$76.54	-29.44%	\$59.00	\$81.00
NORTHERN LOWER PENINSULA	7	414.80	\$84.32	\$53.18	63.07%	\$89.98	6.71%	\$42.00	\$111.00
STATEWIDE	11				56.05%		-3.76%	\$42.00	\$210.00
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	40.60	\$448.51	\$260.22	58.02%	\$260.22	-41.98%	\$224.00	\$309.00
PERE MARQUETTE STATE FORES	2	40.60	\$448.51	\$260.22	58.02%	\$260.22	-41.98%	\$224.00	\$309.00
NORTHERN LOWER PENINSULA	2	40.60	\$448.51	\$260.22	58.02%	\$260.22	-41.98%	\$224.00	\$309.00
STATEWIDE	2				58.02%		-41.98%	\$224.00	\$309.00

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SAWLOGS (MBF, see ge	neral note 3	3)							
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)
CADILLAC FOREST MGT UNIT	3	315.10	\$118.08	\$41.07	34.78%	\$63.44	-46.28%	\$45.00	\$70.00
PERE MARQUETTE STATE FORES		315.10	\$118.08	\$41.07	34.78%	\$63.44	-46.28%	\$45.00	\$70.00
ROSCOMMON FOREST MGT UNIT	2	53.80	\$118.90	\$59.83	50.32%	\$75.00	-36.92%	\$75.00	\$75.00
GRAYLING FOREST MGT UNIT	2	182.30	\$75.81	\$60.56	79.89%	\$64.83	-14.49%	\$63.00	\$67.50
GLADWIN FOREST MGT UNIT	2	146.40	\$94.02	\$67.21	71.49%	\$67.21	-28.51%	\$65.00	\$75.00
AUSABLE STATE FOREST	6	382.50	\$88.84	\$63.01	70.92%	\$67.17	-24.39%	\$63.00	\$75.00
NORTHERN LOWER PENINSULA	9	697.60	\$102.05	\$53.10	52.03%	\$65.48	-35.83%	\$45.00	\$75.00
STATEWIDE	9				52.03%		-35.83%	\$45.00	\$75.00
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)
GAYLORD FOREST MGT UNIT	2	96.00	\$142.88	\$122.21	85.53%	\$122.21	-14.47%	\$120.00	\$124.00
ATLANTA FOREST MGT UNIT	$\frac{1}{2}$	$   \frac{23.40}{13.40}$	\$153.99	\$137.00 	88.97%	\$200.00	<u> 29.88%</u>	\$200.00	\$200.00
MACKINAW STATE FOREST	3	119.40	\$145.06	\$125.11	86.25%	\$137.45	-5.24%	\$120.00	\$200.00
TRAVERSE CITY FOREST MGT UNI	8	366.50	\$96.85	\$65.95	68.10%	\$77.89	-19.58%	\$25.20	\$130.50
CADILLAC FOREST MGT UNIT	$\frac{3}{11}$	332.70	\$95.69	\$57.23 	59.81% 	\$57.56	39.85%	\$38.00	\$70.00
PERE MARQUETTE STATE FORES	11	699.20	\$96.30	\$61.80	64.18%	\$68.21	-29.16%	\$25.20	\$130.50
GLADWIN FOREST MGT UNIT	$\frac{7}{7}$	698.70	<u>\$61.16</u>	<u>\$45.43</u>	74.28%	\$79.01	<u> 29.19%</u>	\$37.00	\$100.00
AUSABLE STATE FOREST	7	698.70	\$61.16	\$45.43	74.28%	\$79.01	29.19%	\$37.00	\$100.00
NORTHERN LOWER PENINSULA	21	1,517.30	\$83.95	\$59.24	70.57%	\$78.63	-6.34%	\$25.20	\$200.00
STATEWIDE	21	TOTAL VOLUME		AV/5DA 05	70.57%	A.V.EDA O.E.	-6.34%	\$25.20	\$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)
GWINN FOREST MGT UNIT	3	36.60	\$214.82	\$157.05	73.10%	\$169.40	-21.14%	\$140.00	\$200.00
ESCANABA FOREST MGT UNIT	3	58.00	\$168.45	\$145.99 - — — — — — —	86.67%	\$196.90	<u>16.89%</u>	\$131.00	\$210.00
ESCANABA RIVER STATE FOREST	6	94.60	\$186.39	\$150.27	80.62%	\$186.26	-0.07%	\$131.00	\$210.00
NEWBERRY FOREST MGT UNIT	2	<u> </u>	\$223.00	<u> </u>	35.87% 	\$276.15	23.83%	\$250.00	<u>\$290.00</u>
LAKE SUPERIOR STATE FOREST	2	89.80	\$223.00	\$80.00	35.87%	\$276.15	23.83%	\$250.00	\$290.00
UPPER PENINSULA	8				56.83%		12.64%	\$131.00	\$290.00
TRAVERSE CITY FOREST MGT UNI	1	22.50	\$160.12	\$117.00	73.07%	\$117.00	-26.93%	\$117.00	\$117.00
CADILLAC FOREST MGT UNIT	2	21.00	\$206.26	\$80.53	39.04%	\$82.34	60.08%	\$78.00	\$90.00
PERE MARQUETTE STATE FORES	3	43.50	\$182.39	\$99.40	54.49%	\$100.27	-45.03%	\$78.00	\$117.00
NORTHERN LOWER PENINSULA	3	43.50	\$182.39	\$99.40	54.49%	\$100.27	-45.03%	\$78.00	\$117.00
STATEWIDE	11				56.42%		2.61%	\$78.00	\$290.00

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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
S7 t	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ESCANABA FOREST MGT UNIT	2	58.40	\$175.00	\$109.00	62.29%	\$109.00	-37.71%	\$109.00	\$109.00
ESCANABA RIVER STATE FOREST		58.40	\$175.00	\$109.00	62.29%	\$109.00	-37.71%	\$109.00	\$109.00
UPPER PENINSULA	2				62.29%		-37.71%	\$109.00	\$109.00
GAYLORD FOREST MGT UNIT	1	70.00	\$150.92	\$130.00	86.14%	\$130.00	-13.86%	\$130.00	\$130.00
MACKINAW STATE FOREST	1	70.00	\$150.92	\$130.00	86.14%	\$130.00	-13.86%	\$130.00	\$130.00
TRAVERSE CITY FOREST MGT UNI	4	284.50	\$185.89	\$96.16	51.73%	\$213.74	14.99%	\$83.30	\$262.00
CADILLAC FOREST MGT UNIT	3	145.50	\$184.69	\$103.48	56.03%	\$133.92	-27.49%	\$108.00	\$216.85
PERE MARQUETTE STATE FORES	7	430.00	\$185.48	\$98.64	53.18%	\$186.73	0.67%	\$83.30	\$262.00
ROSCOMMON FOREST MGT UNIT	2	98.10	\$284.91	\$141.06	49.51%	\$152.70	-46.40%	\$126.00	\$157.00
GRAYLING FOREST MGT UNIT	3	233.10	\$193.35	\$115.47	59.72%	\$193.61	0.13%	\$104.50	\$380.00
GLADWIN FOREST MGT UNIT	8	852.10	\$174.25	\$127.40	73.12%	\$151.80	-12.88%	\$122.00	\$250.00
AUSABLE STATE FOREST	13	1,183.30	\$187.18	\$126.18	67.41%	\$160.11	-14.46%	\$104.50	\$380.00
NORTHERN LOWER PENINSULA	21	1,683.30	\$185.24	\$119.31	64.41%	\$165.66	-10.57%	\$83.30	\$380.00
STATEWIDE	23				64.34%		-11.43%	\$83.30	\$380.00
PAPER	# OF SALES	TOTAL VOLUME	AVG. PRICE	AVERAGE	RATIO OF	AVERAGE	% CHANGE	MINIMUM	MAXIMUM
BIRCH	SOLD		AT TIME OF	ADVERTISED	COLUMN 4 TO	SOLD PRICE	FROM COL. 3	SOLD	SOLD PRICE
BIRCH	SOLD (1)	(2)							
GWINN FOREST MGT UNIT		(2) 15.50	AT TIME OF APPRAISAL	ADVERTISED PRICE	COLUMN 4 TO COLUMN 3	SOLD PRICE	FROM COL. 3 TO COL. 6	SOLD PRICE	SOLD PRICE
	(1)		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)
GWINN FOREST MGT UNIT	(1)	15.50	AT TIME OF APPRAISAL (3) \$282.08	ADVERTISED PRICE (4) \$72.00	COLUMN 4 TO COLUMN 3 (5) 25.52%	(6) \$75.00	FROM COL. 3 TO COL. 6 (7) -73.41%	SOLD PRICE (8) \$75.00	(9) \$75.00
GWINN FOREST MGT UNIT ESCANABA RIVER STATE FOREST	(1) 	15.50	AT TIME OF APPRAISAL (3) \$282.08	ADVERTISED PRICE (4) \$72.00	COLUMN 4 TO COLUMN 3 (5) 25.52%	(6) \$75.00 \$75.00	FROM COL. 3 TO COL. 6 (7) -73.41%	SOLD PRICE (8) \$75.00	(9) \$75.00 \$75.00
GWINN FOREST MGT UNIT  ESCANABA RIVER STATE FOREST  UPPER PENINSULA	(1) 	15.50 15.50	AT TIME OF APPRAISAL (3) \$282.08 \$282.08 AVG. PRICE AT TIME OF	ADVERTISED PRICE (4) \$72.00 \$72.00  AVERAGE ADVERTISED	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  25.52%  RATIO OF COLUMN 4 TO	(6) \$75.00 \$75.00	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE FROM COL. 3	\$OLD PRICE (8) \$75.00 \$75.00 \$75.00 MINIMUM SOLD	(9) \$75.00 \$75.00 \$75.00
GWINN FOREST MGT UNIT ESCANABA RIVER STATE FOREST UPPER PENINSULA STATEWIDE	(1)1111 # OF SALES	15.50 15.50	AT TIME OF APPRAISAL (3) \$282.08 \$282.08	ADVERTISED PRICE (4) \$72.00 \$72.00  AVERAGE	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  25.52%  RATIO OF	\$0LD PRICE  (6)  \$75.00  \$75.00  AVERAGE	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE	\$OLD PRICE (8) \$75.00 \$75.00 \$75.00 MINIMUM	(9) \$75.00 \$75.00 \$75.00 \$75.00 MAXIMUM
GWINN FOREST MGT UNIT ESCANABA RIVER STATE FOREST UPPER PENINSULA STATEWIDE	(1)  1 1 1 # OF SALES SOLD	15.50 15.50  TOTAL VOLUME	AT TIME OF APPRAISAL (3) \$282.08 \$282.08 AVG. PRICE AT TIME OF APPRAISAL	ADVERTISED PRICE (4) \$72.00 \$72.00  AVERAGE ADVERTISED PRICE	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  25.52%  RATIO OF COLUMN 4 TO COLUMN 3	(6) \$75.00 \$75.00  AVERAGE SOLD PRICE	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE FROM COL. 3 TO COL. 6	\$OLD PRICE (8) \$75.00 \$75.00 \$75.00 MINIMUM SOLD PRICE	\$0LD PRICE (9) \$75.00 \$75.00 \$75.00 \$75.00 MAXIMUM SOLD PRICE
GWINN FOREST MGT UNIT ESCANABA RIVER STATE FOREST UPPER PENINSULA STATEWIDE Q. ASPEN	(1)  1 1 1 # OF SALES SOLD (1)	15.50 15.50  TOTAL VOLUME (2)	AT TIME OF APPRAISAL (3) \$282.08 \$282.08 AVG. PRICE AT TIME OF APPRAISAL (3)	ADVERTISED PRICE (4) \$72.00 \$72.00  AVERAGE ADVERTISED PRICE (4)	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  RATIO OF COLUMN 4 TO COLUMN 3 (5)	\$0LD PRICE  (6)  \$75.00  \$75.00  AVERAGE  \$0LD PRICE  (6)	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE FROM COL. 3 TO COL. 6 (7)	\$0LD PRICE (8) \$75.00 \$75.00 \$75.00 \$MINIMUM \$0LD PRICE (8)	\$0LD PRICE (9) \$75.00 \$75.00 \$75.00 MAXIMUM \$0LD PRICE (9)
GWINN FOREST MGT UNIT  ESCANABA RIVER STATE FOREST  UPPER PENINSULA  STATEWIDE  Q. ASPEN  GAYLORD FOREST MGT UNIT	(1)  1 1 1 # OF SALES SOLD (1) 1	15.50 15.50  TOTAL VOLUME (2) 5.00	AT TIME OF APPRAISAL (3) \$282.08 \$282.08 AVG. PRICE AT TIME OF APPRAISAL (3) \$150.00	ADVERTISED PRICE (4)  \$72.00  \$72.00  \$72.00  AVERAGE ADVERTISED PRICE (4)  \$133.00	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  RATIO OF COLUMN 3 (5)  88.67%	\$0LD PRICE  (6)  \$75.00  \$75.00  AVERAGE SOLD PRICE  (6)  \$133.00	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE FROM COL. 3 TO COL. 6 (7) -11.33%	\$OLD PRICE (8) \$75.00 \$75.00 \$75.00 MINIMUM SOLD PRICE (8) \$133.00	(9) \$75.00 \$75.00 \$75.00 \$75.00 \$75.00 MAXIMUM SOLD PRICE (9) \$133.00
GWINN FOREST MGT UNIT  ESCANABA RIVER STATE FOREST  UPPER PENINSULA  STATEWIDE  Q. ASPEN  GAYLORD FOREST MGT UNIT  ATLANTA FOREST MGT UNIT	(1)  1 1 1 # OF SALES SOLD (1) 1 1	15.50 15.50  TOTAL VOLUME (2) 5.00 120.20	AT TIME OF APPRAISAL (3)  \$282.08  \$282.08  AVG. PRICE AT TIME OF APPRAISAL (3)  \$150.00  \$97.30	ADVERTISED PRICE (4) \$72.00 \$72.00  AVERAGE ADVERTISED PRICE (4) \$133.00 \$83.00	COLUMN 4 TO COLUMN 3 (5)  25.52%  25.52%  25.52%  RATIO OF COLUMN 4 TO COLUMN 3 (5)  88.67%  85.30%	\$0LD PRICE  (6)  \$75.00  \$75.00  AVERAGE \$0LD PRICE  (6)  \$133.00  \$170.00	FROM COL. 3 TO COL. 6 (7) -73.41% -73.41% -73.41% % CHANGE FROM COL. 3 TO COL. 6 (7) -11.33% 74.72%	\$OLD PRICE (8) \$75.00 \$75.00 \$75.00 MINIMUM SOLD PRICE (8) \$133.00 \$170.00	\$0LD PRICE (9) \$75.00 \$75.00 \$75.00 \$75.00 MAXIMUM SOLD PRICE (9) \$133.00 \$170.00

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RED MAPLE	# OF SALES SOLD (1)	<u>/</u>	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	3	125.50	\$301.45	\$133.37	44.24%	\$260.51	-13.58%	\$142.00	\$501.00
GWINN FOREST MGT UNIT	3	25.40	\$325.60	\$176.91	54.33%	\$191.56	41.17%	\$166.00	\$230.00
ESCANABA RIVER STATE FOREST	3	25.40	\$325.60	\$176.91	54.33%	\$191.56	-41.17%	\$166.00	\$230.00
NEWBERRY FOREST MGT UNIT	3	78.30	\$276.01	\$156.96	56.87%	\$367.92	33.30%	\$180.00	\$447.50
LAKE SUPERIOR STATE FOREST	3	78.30	\$276.01	\$156.96	56.87%	\$367.92	33.30%	\$180.00	\$447.50
UPPER PENINSULA	9				49.50%		-1.99%	\$142.00	\$501.00
TRAVERSE CITY FOREST MGT UNI	8	682.60	\$145.83	\$92.34	63.32%	\$94.85	-34.96%	\$39.00	\$128.00
CADILLAC FOREST MGT UNIT	2	140.60	\$105.58	\$77.14	73.07%	\$121.66	15.23%	\$105.00	\$123.95
PERE MARQUETTE STATE FORES	<u> </u>	823.20	\$138.95	\$89.74	64.58%	\$99.43	-28.45%	\$39.00	\$128.00
GLADWIN FOREST MGT UNIT	9	563.50	\$214.28	\$142.48	66.49%	\$189.25	-11.68%	\$120.00	\$475.00
AUSABLE STATE FOREST	9	563.50	\$214.28	\$142.48	66.49%	\$189.25	-11.68%	\$120.00	\$475.00
NORTHERN LOWER PENINSULA	19	1,386.70	\$169.56	\$111.17	65.56%	\$135.93	-19.84%	\$39.00	\$475.00
STATEWIDE	28				61.97%		-15.85%	\$39.00	\$501.00
RED 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)
SHINGLETON FOREST MGT UNIT	1	25.40	\$364.88	\$252.00	69.06%	\$300.00	-17.78%	\$300.00	\$300.00
LAKE SUPERIOR STATE FOREST		25.40	\$364.88	\$252.00	69.06%	\$300.00	-17.78%	\$300.00	\$300.00
UPPER PENINSULA	1				69.06%		-17.78%	\$300.00	\$300.00
GAYLORD FOREST MGT UNIT	2	30.00	\$306.76	\$207.63	67.69%	\$402.90	31.34%	\$230.00	\$701.55
ATLANTA FOREST MGT UNIT	2	37.90	\$217.46	\$160.52	73.82%	\$274.54	26.25%	\$250.00	\$400.00
MACKINAW STATE FOREST	4	67.90	\$256.92	\$181.34	70.58%	\$331.25	28.93%	\$230.00	\$701.55
TRAVERSE CITY FOREST MGT UNI	10	733.10	\$348.91	\$249.78	71.59%	\$280.72	-19.54%	\$160.00	\$315.00
CADILLAC FOREST MGT UNIT	7	498.30	\$360.85	\$226.65	62.81%	\$253.99	-29.61%	\$150.00	\$375.60
PERE MARQUETTE STATE FORES	<u></u>	1,231.40	\$353.74	\$240.42	67.96%	\$269.90	-23.70%	\$150.00	\$375.60
ROSCOMMON FOREST MGT UNIT	2	214.00	\$314.66	\$230.06	73.11%	\$317.48	0.90%	\$294.00	\$327.26
GRAYLING FOREST MGT UNIT	2	336.40	\$271.69	\$178.29	65.62%	\$406.84	49.75%	\$280.00	\$623.00
GLADWIN FOREST MGT UNIT	3	38.90	\$335.02	\$288.69	86.17%	\$302.94	-9.58%	\$268.00	\$350.00
AUSABLE STATE FOREST		589.30	\$291.47	\$204.38	70.12%	\$367.53	26.09%	\$268.00	\$623.00
NORTHERN LOWER PENINSULA	28	1,888.60	\$330.83	\$227.05	68.63%	\$302.57	-8.54%	\$150.00	\$701.55
STATEWIDE	29				68.64%		-8.68%	\$150.00	\$701.55

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RED 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	1	54.40	\$244.61	\$169.00	69.09%	\$170.00	-30.50%	\$170.00	\$170.00
ESCANABA RIVER STATE FOREST		54.40	\$244.61	\$169.00	69.09%	\$170.00	-30.50%	\$170.00	\$170.00
SHINGLETON FOREST MGT UNIT	3	89.40	\$274.17	\$157.91	57.60%	\$157.93	-42.40%	\$140.23	\$198.00
NEWBERRY FOREST MGT UNIT	3	243.50	\$300.69	\$186.21	61.93%	\$206.33	-31.38%	\$175.00	\$243.00
S STE MARIE FMU (NAUBINWAY)	3	1,335.60	\$245.00	\$170.19	69.47%	\$255.32	4.21%	\$190.00	\$285.00
LAKE SUPERIOR STATE FOREST	9	1,668.50	\$254.69	\$171.87	67.48%	\$242.95	-4.61%	\$140.23	\$285.00
UPPER PENINSULA	10				67.53%		-5.40%	\$140.23	\$285.00
GAYLORD FOREST MGT UNIT	7	758.00	\$178.97	\$130.58	72.96%	\$154.81	-13.50%	\$120.00	\$304.23
PIGEON RIVER FOREST MGT UNIT	2	1,658.00	\$180.39	\$136.90	75.89%	\$231.89	28.55%	\$210.00	\$232.00
ATLANTA FOREST MGT UNIT	1	129.50	\$156.40	\$125.00	79.92%	\$160.00	2.30%	\$160.00	\$160.00
MACKINAW STATE FOREST	10	2,545.50	\$178.75	\$134.41	75.20%	\$205.28	14.84%	\$120.00	\$304.23
TRAVERSE CITY FOREST MGT UNI	6	424.70	\$193.51	\$131.08	67.74%	\$134.04	-30.73%	\$105.00	\$152.00
CADILLAC FOREST MGT UNIT	9	748.60	\$179.04	\$122.23	68.27%	\$200.73	12.12%	\$88.00	\$397.84
PERE MARQUETTE STATE FORES	15	1,173.30	\$184.28	\$125.43	68.07%	\$176.59	-4.17%	\$88.00	\$397.84
ROSCOMMON FOREST MGT UNIT	4	156.40	\$211.78	\$139.42	65.83%	\$171.19	-19.17%	\$142.00	\$260.00
GRAYLING FOREST MGT UNIT	1	37.20	\$198.19	\$180.00	90.82%	\$180.00	-9.18%	\$180.00	\$180.00
GLADWIN FOREST MGT UNIT	5	468.40	\$210.06	\$190.74	90.80%	\$202.03	-3.82%	\$150.00	\$292.00
AUSABLE STATE FOREST	10	662.00	\$209.80	\$178.01	84.85%	\$193.51	-7.77%	\$142.00	\$292.00
NORTHERN LOWER PENINSULA	35	4,380.80	\$184.92	\$138.60	74.95%	\$195.82	5.89%	\$88.00	\$397.84
STATEWIDE	45				72.34%		1.93%	\$88.00	\$397.84

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SUGAR MAPLE	# 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
IVIAFLE	(1)	(2)	APPRAISAL (3)	PRICE (4)	COLUMN 3 (5)	(6)	TO COL. 6 (7)	PRICE (8)	(9)
BARAGA FOREST MGT UNIT	8	574.70	\$1,058.49	\$567.83	53.64%	\$835.73	-21.04%	\$401.00	\$1,151.00
CRYSTAL FALLS FOREST MGT UNI	3	96.20	\$676.55	\$366.04	54.10%	\$416.19	-38.48%	\$400.00	\$422.00
GWINN FOREST MGT UNIT	5	77.80	\$1,090.86	\$540.67	49.56%	\$584.89	-46.38%	\$230.00	\$765.00
ESCANABA FOREST MGT UNIT	1	26.90	\$721.09	\$380.00	52.70%	\$410.00	-43.14%	\$410.00	\$410.00
ESCANABA RIVER STATE FOREST	6	104.70	\$995.86	\$499.39	50.15%	\$539.95	-45.78%	\$230.00	\$765.00
SHINGLETON FOREST MGT UNIT	2	173.90	\$758.45	\$439.74	57.98%	\$439.74	-42.02%	\$439.00	\$538.23
NEWBERRY FOREST MGT UNIT	4	178.50	\$944.19	\$567.24	60.08%	\$953.63	1.00%	\$500.00	\$984.00
S STE MARIE FMU (SOO MAINLAN	1	4.60	\$384.50	\$304.00	79.06%	\$330.00	-14.17%	\$330.00	\$330.00
LAKE SUPERIOR STATE FOREST	<u> </u>	357.00	\$846.50	\$501.74	59.27%	\$695.27	-17.87%	\$330.00	\$984.00
UPPER PENINSULA	24				54.91%		-23.59%	\$230.00	\$1,151.00
GAYLORD FOREST MGT UNIT	3	45.00	\$600.60	\$431.55	71.85%	\$513.74	-14.46%	\$395.00	\$804.10
PIGEON RIVER FOREST MGT UNIT	1	102.00	\$526.06	\$275.00	52.28%	\$370.00	-29.67%	\$370.00	\$370.00
ATLANTA FOREST MGT UNIT	1	12.00	\$661.82	\$186.00	28.10%	\$200.00	-69.78%	\$200.00	\$200.00
MACKINAW STATE FOREST	5	159.00	\$557.40	\$312.59	56.08%	\$397.85	-28.62%	\$200.00	\$804.10
TRAVERSE CITY FOREST MGT UNI	13	393.80	\$648.43	\$348.90	53.81%	\$625.13	-3.59%	\$270.00	\$1,392.64
CADILLAC FOREST MGT UNIT	1	7.90	\$690.00	\$207.00	30.00%	\$210.00	-69.57%	\$210.00	\$210.00
PERE MARQUETTE STATE FORES	<u> </u>	401.70	\$649.25	\$346.11	53.31%	\$616.96	-4.97%	\$210.00	\$1,392.64
NORTHERN LOWER PENINSULA	19	560.70	\$623.20	\$336.60	54.01%	\$554.83	-10.97%	\$200.00	\$1,392.64
STATEWIDE	43				54.69%		-20.51%	\$200.00	\$1,392.64
WHITE ASH	# 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)
GAYLORD FOREST MGT UNIT	$\frac{1}{1}$	121.00	\$85.09	\$68.00	79.92%	\$75.00	11.86%	\$75.00	\$75.00
MACKINAW STATE FOREST	1	121.00	\$85.09	\$68.00	79.92%	\$75.00	-11.86%	\$75.00	\$75.00
TRAVERSE CITY FOREST MGT UNI	1	10.70	\$84.49	\$60.00	71.01%	\$60.00	28.99% 	\$60.00	<u>\$60.00</u>
PERE MARQUETTE STATE FORES	1	10.70	\$84.49	\$60.00	71.01%	\$60.00	-28.99%	\$60.00	\$60.00
GLADWIN FOREST MGT UNIT	1	114.00	\$84.49	\$53.00	62.73%	\$88.50	4.75%	\$88.50	<u>\$88.50</u>
AUSABLE STATE FOREST	1	114.00	\$84.49	\$53.00	62.73%	\$88.50	4.75%	\$88.50	\$88.50
NORTHERN LOWER PENINSULA	3	245.70	\$84.79	\$60.69	71.58%	\$80.61	-4.92%	\$60.00	\$88.50
STATEWIDE	3				71.58%		-4.92%	\$60.00	\$88.50

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WHITE 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)
TRAVERSE CITY FOREST MGT UNI	1	16.00	\$140.52	\$76.00	54.08%	\$113.50	-19.23%	\$113.50	\$113.50
CADILLAC FOREST MGT UNIT	2	65.20	\$131.77	\$78.72	59.74%	\$80.07	-39.23%	\$74.00	\$110.00
PERE MARQUETTE STATE FORES		81.20	\$133.50	\$78.19	58.57%	\$86.66	-35.08%	\$74.00	\$113.50
NORTHERN LOWER PENINSULA	3	81.20	\$133.50	\$78.19	58.57%	\$86.66	-35.08%	\$74.00	\$113.50
STATEWIDE	3				58.57%		-35.08%	\$74.00	\$113.50
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	1	74.40	\$143.22	\$103.00	71.92%	\$150.00	4.73%	\$150.00	\$150.00
ESCANABA RIVER STATE FOREST	$\frac{1}{1}$	$\frac{71.10}{74.40}$	\$143.22	\$103.00	71.92%	\$150.00	4.73%	\$150.00	\$150.00
SHINGLETON FOREST MGT UNIT	1	30.80	\$155.00	\$114.00	73.55%	\$114.00	-26.45%	\$114.00	\$114.00
NEWBERRY FOREST MGT UNIT	1	64.50	\$175.84	\$59.00	33.55%	\$62.00	-64.74%	\$62.00	\$62.00
LAKE SUPERIOR STATE FOREST		95.30	\$169.10	\$76.78	45.40%	\$78.81	-53.40%	\$62.00	\$114.00
UPPER PENINSULA	3				55.96%		-30.26%	\$62.00	\$150.00
PIGEON RIVER FOREST MGT UNIT	1	14.00	\$99.73	\$70.00	70.19%	\$75.00	-24.80%	\$75.00	\$75.00
MACKINAW STATE FOREST	<u>_</u>	14.00	\$99.73	\$70.00	70.19%	\$75.00	-24.80%	\$75.00	\$75.00
TRAVERSE CITY FOREST MGT UNI	1	7.30	\$99.73	\$64.00	64.17%	\$64.00	-35.83%	\$64.00	\$64.00
CADILLAC FOREST MGT UNIT	1	25.40	\$99.10	\$46.00	46.42%	\$46.00	-53.58%	\$46.00	\$46.00
PERE MARQUETTE STATE FORES		32.70	\$99.24	\$50.02	50.40%	\$50.02	-49.60%	\$46.00	\$64.00
NORTHERN LOWER PENINSULA	3	46.70	\$99.39	\$56.01	56.35%	\$57.51	-42.14%	\$46.00	\$75.00
STATEWIDE	6				56.01%		-32.02%	\$46.00	\$150.00
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)
GAYLORD FOREST MGT UNIT	1	19.00	\$24.00	\$20.00	83.33%	\$21.00	-12.50%	\$21.00	\$21.00
MACKINAW STATE FOREST	<u>_</u>	19.00	\$24.00	\$20.00	83.33%	\$21.00	-12.50%	\$21.00	\$21.00
NORTHERN LOWER PENINSULA	1	19.00	\$24.00	\$20.00	83.33%	\$21.00	-12.50%	\$21.00	\$21.00
STATEWIDE	1				83.33%		-12.50%	\$21.00	\$21.00
YELLOW 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)
BARAGA FOREST MGT UNIT	1	18.80	\$380.00	\$133.00	35.00%	\$400.00	5.26%	\$400.00	\$400.00
UPPER PENINSULA	1				35.00%		5.26%	\$400.00	\$400.00
STATEWIDE	1				35.00%		5.26%	\$400.00	\$400.00

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SAWLOGS EXCLUSION (MBF, see general note 3)

MIXED ASPEN	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
	(1)	(2)		
CADILLAC FOREST MGT UNIT	1	24.60	\$800.00	\$800.00
PERE MARQUETTE STATE FORES		24.60	\$800.00	\$800.00
NORTHERN LOWER PENINSULA	1	24.60	\$800.00	\$800.00
STATEWIDE	1		\$800.00	\$800.00
RED	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
MAPLE	SOLD			
MAPLE	(1)	(2)		
MAPLE TRAVERSE CITY FOREST MGT UNI		(2) 52.10	\$620.00	\$620.00
				\$620.00 \$806.33
TRAVERSE CITY FOREST MGT UNI	(1)	52.10	\$806.33	
TRAVERSE CITY FOREST MGT UNICADILLAC FOREST MGT UNIT	(1)	52.10 43.40	\$806.33	\$806.33

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B.T. 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)
GWINN FOREST MGT UNIT	1	979.60	\$34.65	\$23.55	67.97%	\$35.45	2.31%	\$35.45	\$35.45
ESCANABA RIVER STATE FOREST	1	979.60	\$34.65	\$23.55	67.97%	\$35.45	2.31%	\$35.45	\$35.45
UPPER PENINSULA	1				67.97%		2.31%	\$35.45	\$35.45
GAYLORD FOREST MGT UNIT	2	3,441.00	\$31.04	\$21.71	69.93%	\$24.97	-19.57%	\$21.40	\$29.00
MACKINAW STATE FOREST		3,441.00	\$31.04	\$21.71	69.93%	\$24.97	-19.57%	\$21.40	\$29.00
TRAVERSE CITY FOREST MGT UNI	2	727.20	\$24.33	\$17.23	70.81%	\$26.43	8.63%	\$19.55	\$28.00
CADILLAC FOREST MGT UNIT	4	1,189.30	\$23.05	\$19.21	83.33%	\$21.99	-4.64%	\$17.00	\$24.29
PERE MARQUETTE STATE FORES	6	1,916.50	\$23.54	\$18.46	78.42%	\$23.67	0.57%	\$17.00	\$28.00
GRAYLING FOREST MGT UNIT	4	2,403.00	\$16.78	\$12.50	74.47%	\$18.16	8.19%	\$12.00	\$31.00
AUSABLE STATE FOREST	4	2,403.00	\$16.78	\$12.50	74.47%	\$18.16	8.19%	\$12.00	\$31.00
NORTHERN LOWER PENINSULA	12	7,760.50	\$24.77	\$18.05	72.87%	\$22.54	-9.02%	\$12.00	\$31.00
STATEWIDE	13				72.14%		-7.32%	\$12.00	\$35.45
BALSAM FIR	# 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	4	875.70	\$52.21	\$21.89	41.93%	\$32.84	-37.10%	\$30.00	\$35.70
ESCANABA FOREST MGT UNIT	1	266.00	<u>\$26.18</u>	<u>\$23.30</u>	89.00%	\$26.00	0.69%	\$26.00	\$26.00
ESCANABA RIVER STATE FOREST	5	1,141.70	\$46.14	\$22.22	48.15%	\$31.25	-32.28%	\$26.00	\$35.70
SHINGLETON FOREST MGT UNIT	1	81.00	\$22.33	\$12.95	57.99%	\$13.00	-41.78%	\$13.00	\$13.00
NEWBERRY FOREST MGT UNIT	3	287.00	<u>\$24.52</u>	\$11.20	45.67%	\$14.53	40.74%	\$13.00	\$16.00
LAKE SUPERIOR STATE FOREST	4	368.00	\$24.04	\$11.58	48.19%	\$14.20	-40.95%	\$13.00	\$16.00
UPPER PENINSULA	9				48.16%		-33.53%	\$13.00	\$35.70
STATEWIDE	9				48.16%		-33.53%	\$13.00	\$35.70
BALSAM POPLAR	# 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	42.00	\$25.00	\$21.75	87.00%	\$22.10	-11.60%	\$22.10	\$22.10
ESCANABA RIVER STATE FOREST	1	42.00	\$25.00	\$21.75	87.00%	\$22.10	-11.60%	\$22.10	\$22.10
UPPER PENINSULA	1				87.00%		-11.60%	\$22.10	\$22.10
STATEWIDE	1				87.00%		-11.60%	\$22.10	\$22.10

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\$7.90

\$50.00

-25.24%

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PULPWOOD (Cords, see general note 3)

STATEWIDE

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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	4	154.40	\$56.53	\$30.27	53.54%	\$35.11	-37.88%	\$32.00	\$40.12
ESCANABA FOREST MGT UNIT	2	544.00	\$24.12	\$19.18	79.53%	\$31.74	31.61%	\$28.00	\$35.00
ESCANABA RIVER STATE FOREST	6	698.40	\$31.29	\$21.63	69.15%	\$32.49	3.85%	\$28.00	\$40.12
SHINGLETON FOREST MGT UNIT	2	408.00	\$32.61	\$20.29	62.20%	\$27.09	-16.93%	\$19.25	\$28.11
NEWBERRY FOREST MGT UNIT	1	1,029.00	\$43.39	\$11.95	27.54%	\$19.95	-54.02%	\$19.95	\$19.95
S STE MARIE FMU (NAUBINWAY)	1	560.00	\$32.61	\$18.24	55.93%	\$24.01	-26.37%	\$24.01	\$24.01
LAKE SUPERIOR STATE FOREST	4	1,997.00	\$38.16	\$15.42	40.40%	\$22.55	-40.92%	\$19.25	\$28.11
UPPER PENINSULA	10				46.80%		-30.95%	\$19.25	\$40.12
STATEWIDE	10				46.80%		-30.95%	\$19.25	\$40.12
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	3	175.60	\$56.44	\$31.66	56.09%	\$44.23	-21.63%	\$36.03	\$50.00
ESCANABA RIVER STATE FOREST	3	175.60	\$56.44	\$31.66	56.09%	\$44.23	-21.63%	\$36.03	\$50.00
SHINGLETON FOREST MGT UNIT	1	2,791.00	\$50.46	\$39.35	77.98%	\$45.65	-9.53%	\$45.65	\$45.65
NEWBERRY FOREST MGT UNIT	5	2,921.00	\$48.44	\$24.44	50.46%	\$33.91	-30.01%	\$15.65	\$40.00
LAKE SUPERIOR STATE FOREST	6	5,712.00	\$49.43	\$31.73	64.19%	\$39.64	-19.79%	\$15.65	\$45.65
UPPER PENINSULA	9				63.91%		-19.86%	\$15.65	\$50.00
GAYLORD FOREST MGT UNIT	1	1,024.00	\$22.75	\$11.40	50.11%	\$11.40	-49.89%	\$11.40	\$11.40
ATLANTA FOREST MGT UNIT	2	2,930.00	\$23.99	\$11.36	47.35%	\$15.16	-36.82%	\$14.01	\$16.76
MACKINAW STATE FOREST		3,954.00	\$23.67	\$11.37	48.03%	\$14.18	-40.07%	\$11.40	\$16.76
TRAVERSE CITY FOREST MGT UNI	2	471.70	\$26.31	\$13.47	51.19%	\$13.47	-48.81%	\$13.45	\$13.50
CADILLAC FOREST MGT UNIT	7	3,543.30	\$19.34	\$10.01	51.73%	\$14.84	-23.27%	\$9.00	\$18.90
PERE MARQUETTE STATE FORES	9	4,015.00	\$20.16	\$10.41	51.65%	\$14.68	-27.18%	\$9.00	\$18.90
ROSCOMMON FOREST MGT UNIT	2	789.00	\$26.32	\$14.92	56.67%	\$15.07	-42.75%	\$15.00	\$15.30
GRAYLING FOREST MGT UNIT	3	2,412.00	\$16.18	\$8.55	52.85%	\$13.17	-18.63%	\$7.90	\$16.00
GLADWIN FOREST MGT UNIT	3	1,298.00	\$20.15	\$15.23	75.60%	\$15.67	-22.25%	\$14.00	\$18.00
AUSABLE STATE FOREST	8	4,499.00	\$19.11	\$11.60	60.69%	\$14.22	-25.56%	\$7.90	\$18.00
NORTHERN LOWER PENINSULA	20	12,468.00	\$20.89	\$11.14	53.33%	\$14.36	-31.28%	\$7.90	\$18.90

58.93%

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MIXED ASPEN	# OF SALES SOLD (1)		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	2,550.00	\$24.50	\$17.90	73.06%	\$37.70	53.88%	\$37.50	\$38.00
GWINN FOREST MGT UNIT	5	2,348.00		\$17.19	62.82%	\$27.52	0.57%	\$14.50	\$30.57
ESCANABA RIVER STATE FOREST		2,348.00	\$27.36	\$17.19	62.82%	\$27.52	0.57%	\$14.50	\$30.57
SHINGLETON FOREST MGT UNIT	2	1,513.00	\$28.20	\$20.04	71.07%	\$29.43	4.36%	\$22.00	\$30.00
NEWBERRY FOREST MGT UNIT	13	4,281.00	\$28.92	\$17.27	59.70%	\$23.08	-20.20%	\$9.50	\$28.20
S STE MARIE FMU (NAUBINWAY)	3	1,234.00	\$25.62	\$16.22	63.30%	\$20.20	-21.14%	\$17.00	\$21.15
S STE MARIE FMU (SOO MAINLAN	2	1,476.00	\$25.87	\$18.24	70.50%	\$19.77	-23.59%	\$19.00	\$19.82
LAKE SUPERIOR STATE FOREST		8,504.00	\$27.79	\$17.78	63.98%	\$23.22	-16.44%	\$9.50	\$30.00
UPPER PENINSULA	27				65.34%		-1.33%	\$9.50	\$38.00
GAYLORD FOREST MGT UNIT	4	2,063.00	\$28.88	\$26.42	91.50%	\$26.48	-8.29%	\$16.70	\$28.00
ATLANTA FOREST MGT UNIT	1	390.00	\$27.83	\$22.25	79.95%	\$41.01	47.36%	\$41.01	\$41.01
MACKINAW STATE FOREST		2,453.00	\$28.71	\$25.76	89.72%	\$28.79	0.29%	\$16.70	\$41.01
TRAVERSE CITY FOREST MGT UNI	12	5,072.00	\$24.68	\$16.11	65.28%	\$22.74	-7.90%	\$8.00	\$43.60
CADILLAC FOREST MGT UNIT	10	4,996.60	\$21.54	\$14.46	67.13%	\$18.97	-11.94%	\$12.45	\$30.00
PERE MARQUETTE STATE FORES		10,068.60	\$23.12	\$15.29	66.13%	\$20.86	-9.77%	\$8.00	\$43.60
ROSCOMMON FOREST MGT UNIT	1	315.00	\$20.05	\$13.00	64.84%	\$30.00	49.63%	\$30.00	\$30.00
GRAYLING FOREST MGT UNIT	1	206.00	\$19.57	\$15.10	77.16%	\$15.10	-22.84%	\$15.10	\$15.10
GLADWIN FOREST MGT UNIT	6	2,291.00	\$18.02	\$15.90	88.24%	\$25.00	38.72%	\$12.00	\$30.00
AUSABLE STATE FOREST	8	2,812.00	\$18.36	\$15.52	84.51%	\$24.84	35.24%	\$12.00	\$30.00
NORTHERN LOWER PENINSULA	35	15,333.60	\$23.14	\$17.01	73.49%	\$22.86	-1.22%	\$8.00	\$43.60
STATEWIDE	62				69.37%		-1.27%	\$8.00	\$43.60

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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
BARAGA FOREST MGT UNIT	(1)	(2)	(3) \$24.91	(4) \$11.70	(5) 46.96%	(6)	(7) -7.31%	(8) \$13.50	(9) \$41.17
CRYSTAL FALLS FOREST MGT UNI	9	1,111.00	\$31.24	•		\$23.09			
GWINN FOREST MGT UNIT	19	4,309.70 8,409.10		\$19.50 \$14.38	62.43% 54.22%	\$37.77	20.90%	\$12.00 \$14.80	\$58.52 \$42.90
	-	•	·	·		\$26.08			·
ESCANABA FOREST MGT UNIT	9	1,520.00		\$21.75	86.91%	\$27.66	10.53%	\$18.60	<u>\$40.51</u>
ESCANABA RIVER STATE FOREST	28	9,929.10	\$26.29	\$15.51	58.98%	\$26.33	0.14%	\$14.80	\$42.90
SHINGLETON FOREST MGT UNIT	2	1,455.00	\$23.27	\$12.88	55.32%	\$33.12	42.29%	\$30.00	\$34.00
NEWBERRY FOREST MGT UNIT	13	8,162.00	\$30.81	\$11.68	37.92%	\$21.51	-30.17%	\$13.00	\$45.00
S STE MARIE FMU (NAUBINWAY)	3	2,158.00	\$24.14	\$13.99	57.97%	\$19.33	-19.93%	\$14.90	\$19.80
S STE MARIE FMU (SOO MAINLAN	1	60.00	\$28.31	\$15.00	52.98%	\$16.10	-43.13%	\$16.10	\$16.10
LAKE SUPERIOR STATE FOREST	19	11,835.00	\$28.65	\$12.27	42.81%	\$22.51	-21.43%	\$13.00	\$45.00
UPPER PENINSULA	63				51.47%		-6.18%	\$12.00	\$58.52
GAYLORD FOREST MGT UNIT	5	2,102.00	\$22.90	\$9.24	40.33%	\$19.84	-13.37%	\$6.00	\$57.95
MACKINAW STATE FOREST	5	2,102.00	\$22.90	\$9.24	40.33%	\$19.84	-13.37%	\$6.00	\$57.95
TRAVERSE CITY FOREST MGT UNI	7	1,802.00	\$16.00	\$9.91	61.92%	\$12.31	-23.02%	\$4.87	\$57.34
CADILLAC FOREST MGT UNIT	3	804.00	\$16.09	\$7.82	48.58%	\$10.32	-35.83%	\$8.00	\$12.20
PERE MARQUETTE STATE FORES	10	2,606.00	\$16.03	\$9.26	57.79%	\$11.70	-26.99%	\$4.87	\$57.34
GRAYLING FOREST MGT UNIT	3	1,858.00	\$9.88	\$5.11	51.75%	\$24.72	150.27%	\$14.25	\$30.84
AUSABLE STATE FOREST		1,858.00	\$9.88	\$5.11	51.75%	\$24.72	150.27%	\$14.25	\$30.84
NORTHERN LOWER PENINSULA	18	6,566.00	\$16.49	\$8.08	49.00%	\$17.99	9.12%	\$4.87	\$57.95
STATEWIDE	81				51.19%		-4.44%	\$4.87	\$58.52

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	3	575.00	\$19.72	\$17.29	87.68%	\$20.53	4.11%	\$19.75	\$22.10
ESCANABA RIVER STATE FOREST		575.00	\$19.72	\$17.29	87.68%	\$20.53	4.11%	\$19.75	\$22.10
UPPER PENINSULA	3				87.68%		4.11%	\$19.75	\$22.10
TRAVERSE CITY FOREST MGT UNI	4	1,898.00	\$23.31	\$10.49	44.98%	\$10.49	-55.02%	\$7.00	\$11.45
CADILLAC FOREST MGT UNIT	3	953.00	\$17.21	\$11.71	68.03%	\$15.93	-7.45%	\$15.00	\$17.15
PERE MARQUETTE STATE FORES	7	2,851.00	\$21.28	\$10.90	51.22%	\$12.31	-42.15%	\$7.00	\$17.15
ROSCOMMON FOREST MGT UNIT	1	393.00	\$11.70	\$7.30	62.39%	\$15.00	28.21%	\$15.00	\$15.00
GRAYLING FOREST MGT UNIT	4	2,617.00	\$12.52	\$7.39	58.99%	\$10.99	-12.20%	\$8.50	\$14.25
GLADWIN FOREST MGT UNIT	5	2,922.00	\$12.85	\$9.56	74.39%	\$11.27	-12.33%	\$9.00	\$30.00
AUSABLE STATE FOREST	<u> </u>	5,932.00	\$12.63	\$8.45	66.92%	\$11.39	-9.78%	\$8.50	\$30.00
NORTHERN LOWER PENINSULA	17	8,783.00	\$15.44	\$9.25	59.89%	\$11.69	-24.27%	\$7.00	\$30.00
STATEWIDE	20				62.04%		-22.08%	\$7.00	\$30.00

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FULF WOOD (Colus, see	general no	ie 3)							
MIXED PINE	# 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
TRAVEROE CITY FOREST MOT UNI	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
TRAVERSE CITY FOREST MGT UNI	$\frac{1}{4}$			\$24.50	56.98%	\$38.40	-10.70%	\$38.40	\$38.40
PERE MARQUETTE STATE FORES	1	26.00	*	\$24.50	56.98%	\$38.40	-10.70%	\$38.40	\$38.40
NORTHERN LOWER PENINSULA	1		,	\$24.50	56.98%	\$38.40	-10.70%	\$38.40	\$38.40
STATEWIDE	1				56.98%		-10.70%	\$38.40	\$38.40
MIXED	# 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
SOFTWOOD	(1)	(2)	APPRAISAL (3)	PRICE (4)	COLUMN 3 (5)	(6)	TO COL. 6 (7)	PRICE (8)	(9)
BARAGA FOREST MGT UNIT	1	293.90	\$13.86	\$4.85	34.99%	\$5.01	-63.85%	\$5.01	\$5.01
CRYSTAL FALLS FOREST MGT UNI	4	1,577.00	\$26.95	\$16.19	60.08%	\$37.28	38.35%	\$21.60	\$62.20
GWINN FOREST MGT UNIT	3	1,435.30	\$28.98	\$15.64	53.98%	\$21.70	-25.11%	\$15.50	\$31.41
ESCANABA FOREST MGT UNIT	5	598.00	\$23.55	\$20.85	88.51%	\$27.11	15.09%	\$21.25	\$36.30
ESCANABA RIVER STATE FOREST		2,033.30	\$27.38	\$17.17	62.71%	\$23.29	-14.94%	\$15.50	\$36.30
S STE MARIE FMU (NAUBINWAY)	3	1,572.00	\$25.93	\$14.72	56.78%	\$22.33	-13.86%	\$19.15	\$22.90
LAKE SUPERIOR STATE FOREST		1,572.00	\$25.93	\$14.72	56.78%	\$22.33	-13.86%	\$19.15	\$22.90
UPPER PENINSULA	16				59.45%		-0.19%	\$5.01	\$62.20
PIGEON RIVER FOREST MGT UNIT	1	95.00	\$29.16	\$21.85	74.93%	\$29.00	-0.55%	\$29.00	\$29.00
MACKINAW STATE FOREST		95.00	\$29.16	\$21.85	74.93%	\$29.00	-0.55%	\$29.00	\$29.00
NORTHERN LOWER PENINSULA	1	95.00	\$29.16	\$21.85	74.93%	\$29.00	-0.55%	\$29.00	\$29.00
STATEWIDE	17				59.74%		-0.20%	\$5.01	\$62.20
N. WHITE CEDAR	# 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	3	491.00	\$35.08	\$29.28	83.47%	\$32.62	7.00%	\$29.40	\$35.00
ESCANABA RIVER STATE FOREST	3	491.00	\$35.08	\$29.28	83.47%	\$32.62	-7.00%	\$29.40	\$35.00
SHINGLETON FOREST MGT UNIT	2	224.00	\$36.57	\$22.19	60.67%	\$24.73	-32.38%	\$20.95	\$28.00
LAKE SUPERIOR STATE FOREST	2	224.00	\$36.57	\$22.19	60.67%	\$24.73	-32.38%	\$20.95	\$28.00
UPPER PENINSULA	5				76.12%		-15.18%	\$20.95	\$35.00
STATEWIDE	5				76.12%		-15.18%	\$20.95	\$35.00
OTHER COMM. SP.	# 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	2	236.00	<u>\$15.49</u>	\$15.01	96.92%	\$21.43	38.38%	\$21.01	\$22.10
ESCANABA RIVER STATE FOREST	2	236.00	\$15.49	\$15.01	96.92%	\$21.43	38.38%	\$21.01	\$22.10
UPPER PENINSULA	2				96.92%		38.38%	\$21.01	\$22.10
STATEWIDE	2				96.92%		38.38%	\$21.01	\$22.10

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-6.22%

67.82%

\$10.60

\$40.70

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PULPWOOD (Cords, see general note 3)

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STATEWIDE

PAPER BIRCH	# 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
CRYSTAL FALLS FOREST MGT UNI	(1)	(2)	(3) \$26.27	(4) \$13.20	(5) 50.25%	(6) \$13.50	(7) -48.61%	(8) \$13.50	(9) \$13.50
				•		•			
GWINN FOREST MGT UNIT	8	,	·	\$14.63	46.68%	\$23.93	-23.62%	\$9.50	\$35.45
ESCANABA FOREST MGT UNIT	$\frac{3}{44}$		. — — — — —	\$22.00	85.15%	\$22.21	-14.03%	\$20.75	\$27.10
ESCANABA RIVER STATE FOREST	11	· · · · · · · · · · · · · · · · · · ·	\$30.53	\$15.70	51.42%	\$23.68	-22.44%	\$9.50	\$35.45
SHINGLETON FOREST MGT UNIT	1	74.00	* -	\$10.20	56.01%	\$14.20	-22.02%	\$14.20	\$14.20
S STE MARIE FMU (NAUBINWAY)	2			\$11.07	61.56%	\$19.20 	6.75%	\$18.23	\$50.00
LAKE SUPERIOR STATE FOREST	3		\$18.00	\$11.03	61.26%	\$18.93	5.19%	\$14.20	\$50.00
UPPER PENINSULA	15				54.46%		-14.71%	\$9.50	\$50.00
STATEWIDE	15				54.46%		-14.71%	\$9.50	\$50.00
Q. 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)
BARAGA FOREST MGT UNIT	1	571.00	\$23.76	\$8.30	34.93%	\$10.60	-55.39%	\$10.60	\$10.60
CRYSTAL FALLS FOREST MGT UNI	12	9,688.30	\$30.79	\$19.75	64.16%	\$25.90	-15.87%	\$14.00	\$32.00
GWINN FOREST MGT UNIT	9	3,106.60	\$35.63	\$21.17	59.42%	\$29.09	-18.35%	\$21.00	\$36.10
ESCANABA FOREST MGT UNIT	11	4,049.00	\$26.96	\$23.41	86.85%	\$33.66	24.87%	\$20.35	\$40.70
ESCANABA RIVER STATE FOREST		7,155.60	\$30.72	\$22.44	73.04%	\$31.68	3.11%	\$20.35	\$40.70
UPPER PENINSULA	33				67.08%		-9.03%	\$10.60	\$40.70
GAYLORD FOREST MGT UNIT	2	209.00	\$26.69	\$19.05	71.38%	\$19.05	-28.62%	\$14.25	\$19.95
PIGEON RIVER FOREST MGT UNIT	1	190.00	\$24.67	\$18.50	74.99%	\$21.50	-12.85%	\$21.50	\$21.50
ATLANTA FOREST MGT UNIT	1	1,390.00	\$15.00	\$13.50	90.00%	\$23.09	53.93%	\$23.09	\$23.09
MACKINAW STATE FOREST	4	1,789.00	\$17.39	\$14.68	84.40%	\$22.45	29.07%	\$14.25	\$23.09
CADILLAC FOREST MGT UNIT	1	468.10	\$22.86	\$13.25	57.96%	\$13.25	-42.04%	\$13.25	\$13.25
PERE MARQUETTE STATE FORES	$\frac{1}{1}$	468.10	\$22.86	\$13.25	57.96%	\$13.25	-42.04%	\$13.25	\$13.25
ROSCOMMON FOREST MGT UNIT	2	384.00	\$15.50	\$10.70	69.03%	\$29.98	93.39%	\$29.00	\$31.53
GRAYLING FOREST MGT UNIT	1	177.00	\$21.73	\$13.20	60.75%	\$31.10	43.12%	\$31.10	\$31.10
AUSABLE STATE FOREST		561.00	\$17.47	\$11.49	65.78%	\$30.33	73.66%	\$29.00	\$31.53
NORTHERN LOWER PENINSULA	8	2,818.10	\$18.32	\$13.81	75.38%	\$22.49	22.79%	\$13.25	\$31.53

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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)
GWINN FOREST MGT UNIT	2	392.00	\$25.00	\$15.24	60.98%	\$21.86	-12.54%	\$21.00	\$22.16
ESCANABA RIVER STATE FOREST		392.00	\$25.00	\$15.24	60.98%	\$21.86	-12.54%	\$21.00	\$22.16
NEWBERRY FOREST MGT UNIT	1	51.00	\$28.97	\$6.95	23.99%	\$6.95	-76.01%	\$6.95	\$6.95
LAKE SUPERIOR STATE FOREST		51.00	\$28.97	\$6.95	23.99%	\$6.95	-76.01%	\$6.95	\$6.95
UPPER PENINSULA	3				56.13%		-20.86%	\$6.95	\$22.16
GAYLORD FOREST MGT UNIT	2	1,281.00	\$22.20	\$19.10	86.04%	\$26.34	18.67%	\$19.10	\$46.00
ATLANTA FOREST MGT UNIT	1	363.00	\$19.74	\$16.20	82.07%	\$16.20	-17.93%	\$16.20	\$16.20
MACKINAW STATE FOREST		1,644.00	\$21.66	\$18.46	85.24%	\$24.10	11.30%	\$16.20	\$46.00
TRAVERSE CITY FOREST MGT UNI	6	2,695.00	\$22.89	\$14.09	61.54%	\$14.76	-35.51%	\$12.00	\$25.00
CADILLAC FOREST MGT UNIT	5	2,363.20	\$17.94	\$13.38	74.55%	\$22.74	26.70%	\$12.00	\$51.82
PERE MARQUETTE STATE FORES	<u></u>	5,058.20	\$20.58	\$13.76	66.84%	\$18.49	-10.17%	\$12.00	\$51.82
GLADWIN FOREST MGT UNIT	7	2,676.00	\$12.81	\$9.22	71.99%	\$25.93	102.41%	\$10.00	\$31.88
AUSABLE STATE FOREST	<u> </u>	2,676.00	\$12.81	\$9.22	71.99%	\$25.93	102.41%	\$10.00	\$31.88
NORTHERN LOWER PENINSULA	21	9,378.20	\$18.55	\$13.29	71.62%	\$21.60	16.41%	\$10.00	\$51.82
STATEWIDE	24				70.68%		14.14%	\$6.95	\$51.82
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)
TRAVERSE CITY FOREST MGT UNI	1	275.00	\$14.10	\$8.20	58.16%	\$8.20	-41.84%	\$8.20	\$8.20

RED 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)
TRAVERSE CITY FOREST MGT UNI	1	275.00		\$8.20	58.16%		-41.84%		\$8.20
CADILLAC FOREST MGT UNIT	3	1,288.30	\$14.10	\$11.69	82.91%	\$12.70	-9.91%	\$9.35	\$18.35
PERE MARQUETTE STATE FORES		1,563.30	\$14.10	\$11.08	78.56%		-15.53%	\$8.20	\$18.35
GRAYLING FOREST MGT UNIT	1	528.00	\$9.44	\$7.65	81.04%	\$17.65	86.97%	\$17.65	\$17.65
AUSABLE STATE FOREST	1	528.00	\$9.44	\$7.65	81.04%	\$17.65	86.97%	\$17.65	\$17.65
NORTHERN LOWER PENINSULA	5	2,091.30	\$12.92	\$10.21	79.02%	\$13.36	3.38%	\$8.20	\$18.35
STATEWIDE	5				79.02%		3.38%	\$8.20	\$18.35

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\$9.10

\$30.45

42.61%

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PULPWOOD (Cords, see general note 3)

STATEWIDE

RED 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	765.00	\$48.35	\$31.70	65.57%	\$68.91	42.52%	\$56.10	\$85.00
GWINN FOREST MGT UNIT	1	35.50	\$70.86	\$29.05	41.00%	\$30.10	-57.52%	\$30.10	\$30.10
ESCANABA RIVER STATE FOREST		35.50	\$70.86	\$29.05	41.00%	\$30.10	-57.52%	\$30.10	\$30.10
SHINGLETON FOREST MGT UNIT	1	73.00	\$57.63	\$30.55	53.01%	\$31.05	-46.12%	\$31.05	\$31.05
NEWBERRY FOREST MGT UNIT	3	1,152.00	\$52.84	\$26.78	50.69%	\$37.19	-29.62%	\$36.00	\$38.57
S STE MARIE FMU (NAUBINWAY)	2	1,565.00	\$55.51	\$42.45	76.48%	\$45.00	-18.93%	\$45.00	\$45.00
S STE MARIE FMU (SOO MAINLAN	1	508.00	\$55.16	\$35.70	64.72%	\$35.70	-35.28%	\$35.70	\$35.70
LAKE SUPERIOR STATE FOREST	7	3,298.00	\$54.57	\$35.68	65.38%	\$40.53	-25.73%	\$31.05	\$45.00
UPPER PENINSULA	10				65.13%		-14.59%	\$30.10	\$85.00
GAYLORD FOREST MGT UNIT	12	13,681.00	\$54.38	\$38.89	71.53%	\$52.98	-2.57%	\$40.45	\$85.00
ATLANTA FOREST MGT UNIT	2	526.00	\$37.51	\$28.22	75.25%	\$38.52	2.71%	\$37.00	\$39.76
MACKINAW STATE FOREST	<u> </u>	14,207.00	\$53.75	\$38.50	71.63%	\$52.44	-2.44%	\$37.00	\$85.00
TRAVERSE CITY FOREST MGT UNI	5	2,891.40	\$69.90	\$47.02	67.26%	\$59.83	-14.41%	\$45.45	\$68.01
CADILLAC FOREST MGT UNIT	16	11,383.90	\$65.51	\$42.08	64.23%	\$52.47	-19.90%	\$30.00	\$61.05
PERE MARQUETTE STATE FORES	21	14,275.30	\$66.40	\$43.08	64.88%	\$53.96	-18.73%	\$30.00	\$68.01
ROSCOMMON FOREST MGT UNIT	3	641.00	\$47.60	\$33.82	71.05%	\$41.24	-13.36%	\$34.25	\$50.92
GRAYLING FOREST MGT UNIT	2	386.00	\$38.36	\$24.76	64.56%	\$29.39	-23.37%	\$18.50	\$33.00
GLADWIN FOREST MGT UNIT	4	1,318.00	\$48.38	\$42.04	86.89%	\$49.42	2.14%	\$30.00	\$68.00
AUSABLE STATE FOREST	9	2,345.00	\$46.52	\$36.95	79.43%	\$43.89	-5.66%	\$18.50	\$68.00
NORTHERN LOWER PENINSULA	44	30,827.30	\$59.06	\$40.50	68.58%	\$52.49	-11.12%	\$18.50	\$85.00
STATEWIDE	54				68.21%		-11.49%	\$18.50	\$85.00
SUGAR MAPLE	# 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	141.00	<u></u> \$14.45	\$7.70 	53.28%	\$20.61	42.61%	\$9.10	<u>\$30.45</u>
PERE MARQUETTE STATE FORES	2	141.00	\$14.45	\$7.70	53.28%	\$20.61	42.61%	\$9.10	\$30.45
NORTHERN LOWER PENINSULA	2	141.00	\$14.45	\$7.70	53.28%	\$20.61	42.61%	\$9.10	\$30.45

53.28%

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TAMARACK	# 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
	(1)	(2)	APPRAISAL (3)	PRICE (4)	COLUMN 3 (5)	(6)	TO COL. 6 (7)	PRICE (8)	(9)
ESCANABA FOREST MGT UNIT	3	1,281.00	\$25.04	\$19.89	79.44%	\$21.70	-13.32%	\$20.00	\$23.00
ESCANABA RIVER STATE FOREST	3	1,281.00	\$25.04	\$19.89	79.44%	\$21.70	-13.32%	\$20.00	\$23.00
SHINGLETON FOREST MGT UNIT	1	193.00	\$12.01	\$8.15	67.86%	\$11.01	-8.33%	\$11.01	\$11.01
LAKE SUPERIOR STATE FOREST		193.00	\$12.01	\$8.15	67.86%	\$11.01	-8.33%	\$11.01	\$11.01
UPPER PENINSULA	4				78.66%		-12.99%	\$11.01	\$23.00
STATEWIDE	4				78.66%		-12.99%	\$11.01	\$23.00
WHITE 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)
CADILLAC FOREST MGT UNIT	(1)	397.00		\$10.30	81.94%		21.72%	\$15.30	\$15.30
PERE MARQUETTE STATE FORES					- — — — — —	\$15.30 \$15.30		:	
NORTHERN LOWER PENINSULA	1	397.00 397.00	\$12.57 \$12.57	\$10.30 \$10.30	81.94% 81.94%	\$15.30	21.72% 21.72%	\$15.30 \$15.30	\$15.30 \$15.30
STATEWIDE	1	397.00	φ12.3 <i>1</i>	\$10.30	81.94%	\$15.30	21.72%	\$15.30	\$15.30
	# OF SALES	TOTAL VOLUME	AVG. PRICE	AVERAGE	RATIO OF	AVERAGE	% CHANGE	MINIMUM	MAXIMUM
WHITE PINE	# OF SALES SOLD		AT TIME OF APPRAISAL	ADVERTISED PRICE	COLUMN 4 TO COLUMN 3	SOLD PRICE	FROM COL. 3 TO COL. 6	SOLD PRICE	SOLD PRICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
NEWBERRY FOREST MGT UNIT	1	207.00	\$26.61	\$13.30	49.98%	\$15.30	-42.50%	\$15.30	\$15.30
LAKE SUPERIOR STATE FOREST	1	207.00	\$26.61	\$13.30	49.98%	\$15.30	-42.50%	\$15.30	\$15.30
UPPER PENINSULA	1				49.98%		-42.50%	\$15.30	\$15.30
PIGEON RIVER FOREST MGT UNIT	1	95.00	\$16.02	\$12.00	74.91%	\$15.00	-6.37%	\$15.00	\$15.00
MACKINAW STATE FOREST	1	95.00	\$16.02	\$12.00	74.91%	\$15.00	-6.37%	\$15.00	\$15.00
CADILLAC FOREST MGT UNIT	1	207.30	\$9.00	\$5.05	56.11%	\$10.00	11.11%	\$10.00	\$10.00
PERE MARQUETTE STATE FORES		207.30	\$9.00	\$5.05	56.11%	\$10.00	11.11%	\$10.00	\$10.00
NORTHERN LOWER PENINSULA	2	302.30	\$11.21	\$7.23	64.55%	\$11.57	3.26%	\$10.00	\$15.00
STATEWIDE	3				55.53%		-25.08%	\$10.00	\$15.30

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WHITE SPRUCE	# 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)
CRYSTAL FALLS FOREST MGT UNI	1	104.00	\$45.00	\$17.60	39.11%	\$17.60	-60.89%	\$17.60	\$17.60
GWINN FOREST MGT UNIT	1	586.20	\$32.00	\$19.50	60.94%	\$38.00	18.75%	\$38.00	\$38.00
ESCANABA RIVER STATE FOREST	<u> </u>	586.20	\$32.00	\$19.50	60.94%	\$38.00	18.75%	\$38.00	\$38.00
NEWBERRY FOREST MGT UNIT	1	66.00	\$34.15	\$17.10	50.07%	\$17.10	-49.93%	\$17.10	\$17.10
S STE MARIE FMU (SOO MAINLAN	1	522.00	\$30.80	\$16.65	54.06%	\$16.75	-45.62%	\$16.75	\$16.75
LAKE SUPERIOR STATE FOREST		588.00	\$31.18	\$16.70	53.57%	\$16.79	-46.15%	\$16.75	\$17.10
UPPER PENINSULA	4				55.26%		-18.65%	\$16.75	\$38.00
GAYLORD FOREST MGT UNIT	1	285.00	\$9.25	\$8.80	95.14%	\$17.97	94.27%	\$17.97	\$17.97
MACKINAW STATE FOREST		285.00	\$9.25	\$8.80	95.14%	\$17.97	94.27%	\$17.97	\$17.97
NORTHERN LOWER PENINSULA	1	285.00	\$9.25	\$8.80	95.14%	\$17.97	94.27%	\$17.97	\$17.97
STATEWIDE	5				57.63%		-11.95%	\$16.75	\$38.00

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PULPWOOD EXCLUSION (Cords, see general note 3)

PULPWOOD EXCLUSION	l (Cords, se	e general not	e 3)	
MIXED HARDWOOD	# OF SALES SOLD	TOTAL VOLUME	MIN PRICE	MAX PRICE
	(1)	(2)		
CRYSTAL FALLS FOREST MGT UNI	2	595.00	\$66.51	\$102.18
UPPER PENINSULA	2		\$66.51	\$102.18
STATEWIDE	2		\$66.51	\$102.18
MIXED OAK	# OF SALES SOLD (1)	TOTAL VOLUME (2)	MIN PRICE	MAX PRICE
GAYLORD FOREST MGT UNIT	1	216.00	\$63.91	\$63.91
MACKINAW STATE FOREST	$\frac{1}{1}$		\$63.91	\$63.91
NORTHERN LOWER PENINSULA	1	216.00	\$63.91	\$63.91
STATEWIDE	1		\$63.91	\$63.91
MIXED	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
SOFTWOOD	SOLD (1)	(2)		
CRYSTAL FALLS FOREST MGT UNI	1	154.00	\$106.84	\$106.84
UPPER PENINSULA	1		\$106.84	\$106.84
STATEWIDE	1		\$106.84	\$106.84
RED	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
MAPLE	SOLD			
	(1)	(2)		
TRAVERSE CITY FOREST MGT UNI	1	427.00	\$93.00	\$93.00
PERE MARQUETTE STATE FORES		427.00	\$93.00	\$93.00
GRAYLING FOREST MGT UNIT	1	157.00	\$65.30	\$65.30
AUSABLE STATE FOREST	${1}$	157.00	\$65.30	\$65.30
NORTHERN LOWER PENINSULA	2	584.00	\$65.30	\$93.00
STATEWIDE	2		\$65.30	\$93.00
SCOTCH	# OF SALES	TOTAL VOLUME	MIN PRICE	MAX PRICE
PINE	SOLD (1)	(2)		
GRAYLING FOREST MGT UNIT	1	58.00	\$101.00	\$101.00
AUSABLE STATE FOREST	<u> </u>		\$101.00	\$101.00
NORTHERN LOWER PENINSULA	1	58.00	\$101.00	\$101.00
STATEWIDE	1		\$101.00	\$101.00

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