12.8 million registered boats
$\$ 33.6$ billion spent on boating
24.1\% decrease in traditional powerboat sales

# 2009 MARKET 

The Definitive Guide To Marine Business Statistics

# DATA <br> BOOK 

By the numbers, the marine industry has seen better days. When will the rebound occur? Two leading indicators may have the answer.


## Dealer Data

Looking at charts and graphs that track the fortunes of boat dealers in 2008, one can almost feel the roller-coaster-like drops many experienced throughout their operations.
Some of the metrics used by Spader Business Management to track the dealers it works with are a grim reminder of the situation many marine retailers find themselves in these days. And Boating Industry's Top 100 dealerships were not immune either, as the table below shows.

However, with the economic downturn, pre-owned sales have become an even more important focus for many dealers looking for income wherever they can. The NADA Wholesale Data Reports in this section list used boat trade-in values obtained from national auctions, NADA Dealer Advisory Board members and several other organizations in the boating industry.

The popularity of certain models and their survey price - the average of the results gathered for a given model - may provide some assistance in those efforts to sell used boats.

TOP 100 BENCHMARKING STATISTICS

|  | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: |
| Avg. revenue per dealer <br> (in millions) | $\$ 25.9$ | $\$ 28.8$ | $\$ 20.1$ | $\$ 17.9$ |
| Total number of locations | 342 | 357 | 289 | 278 |
| Revenue per store <br> (in millions) | $\$ 7.6$ | $\$ 8.1$ | $\$ 6.9$ | $\$ 6.5$ |
| Avg. CSI Score | 94.6 | 95.4 | 95.97 | 96.2 |
| Use computerized inventory | 91 | 98 | 95 | 95 |
| Avg. number of boat brands | 4.9 | 5.1 | 4.9 | 5.0 |



WAGE RATE SURVEY


This data on wage rates is taken from the American Boat Builders \& Repairers Association's annual Wage Rate Survey. The information was gathered by ABBRA through Web questionnaires sent to its members. For full results of the survey, including the aver age wages for additional positions broken down in six U.S. Regions, contact ABBRA at www.abbra.org.

## Dealer Metrics

The graphs representing the 11 business metrics on the following pages, not suprisingly, show just how grim results were in 2008 compared to the 12 years before. The metrics were down, sharply, in every category except personnel expense ratio and fixed expense ratio. Spader Business Management tracks the business metrics of all of its 20 Group members as well as other dealers it works with, and shares the key performance indicators with Boating Industry on a monthly basis.

To contact Spader, call 800-772-3377 or visit the company's Web site at www.spader.com.

NEW BOAT SALES


PERSONNEL

## ANNUAL NET PROFIT

EXPENSE RATIO



NEW BOAT INVENTORY


PRE-OWNED BOAT SALES


NEW INVENTORY TURNOVER


FLOOR PLAN INTEREST EXP. RATIO


NEW UNIT
GROSS MARGIN


SEMI-FIXED EXPENSE RATIO


ADVERTISING EXPENSE RATIO


## FIXED EXPENSE RATIO



## PRE-OWNED STERNDRIVE BOAT SALES

|  |  | $\begin{aligned} & \text { MODEL } \\ & \text { YEAR } \end{aligned}$ | COMPANY | MODEL | NUMBER OF SURVEYS | $\begin{aligned} & \text { SURVEY } \\ & \text { PRICE } \end{aligned}$ | $\begin{aligned} & \text { NADA } \\ & \text { USED TRADE-IN } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2007 | BAYLINER MARINE CORP | RUNABOUT 175 BR(*) | 11 | 5560 | 5470 |
|  | 2 | 2004 | SEA RAY BOATS | 180 SPORT(*) | 9 | 6870 | 6640 |
|  | 3 | 2007 | SEA RAY BOATS | 185 SPORT(*) | 8 | 10540 | 10860 |
|  | 4 | 2006 | BAYLINER MARINE CORP | 185 BR(*) | 6 | 6980 | 7120 |
|  | 5 | 2001 | CROWNLINE BOATS | 180 BR | 5 | 4410 | 4460 |
|  |  |  |  |  |  |  |  |
|  | 1 | 2006 | SEA RAY BOATS | 240 SUNDECK | 10 | 22470 | 21900 |
| O | 2 | 2005 | BAYLINER MARINE CORP | 265 SB | 9 | 20240 | 20000 |
| $\sum_{<}$ | 3 | 2007 | CHAPARRAL BOATS | 256 SSX/DB | 8 | 27780 | 28050 |
| \% | 4 | 2006 | RINKER BOAT CO | 246 CAPTIVA/BR | 7 | 17860 | 18000 |
| $\stackrel{\sim}{*}$ | 5 | 2000 | MAXUM MARINE | 2800/SCR | 5 | 22130 | 22500 |

$\left({ }^{*}\right)$ Includes the value of the trailer. $\quad$ Source: The information on this page and the next is provided by NADA Appraisal Guides; To learn more, contact Captain Troy D. Heidemann at 800-966-6362, ext. 261, or theidemann@nadaguides.com. Further info is also available at www.nada.com/b2b.

## PRE-OWNED PERSONAL WATERCRAFT SALES

|  | $\begin{aligned} & \text { MODEL } \\ & \text { YEAR } \end{aligned}$ | COMPANY | MODEL | $\begin{aligned} & \text { NUMBER OF } \\ & \text { SURVEYS } \end{aligned}$ | $\begin{aligned} & \text { SURVEY } \\ & \text { PRICE } \end{aligned}$ | $\begin{aligned} & \text { NADA } \\ & \text { USED TRADE-IN } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2005 | SEA DOO/BOMBARDIER | RTX | 15 | 4670 | 4790 |
| 1 | 2006 | KAWASAKI | STX-12F | 13 | 3880 | 3730 |
| 3 | 2004 | SEA DOO/BOMBARDIER | RXP | 11 | 3910 | 4050 |
| 4 | 2006 | HONDA | AQUA TRAX F-12X | 10 | 5120 | 4970 |
| 5 | 2002 | SEA DOO/BOMBARDIER | GTX 4-TEC | 8 | 3270 | 3190 |

PRE-OWNED OUTBOARD BOAT SALES

| $\begin{aligned} & \text { 年 } \\ & \stackrel{1}{3} \end{aligned}$ |  | $\begin{aligned} & \text { MODEL } \\ & \text { YEAR } \end{aligned}$ | COMPANY | MODEL | $\begin{aligned} & \text { NUMBER OF } \\ & \text { SURVEYS } \end{aligned}$ | SURVEY | $\begin{aligned} & \text { NADA } \\ & \text { USED TRADE-IN } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2005 | TRACKER MARINE | PRO TEAM 175 (***) | 12 | 4310 | 4170 |
| O | 2 | 2007 | TRACKER MARINE | PRO TEAM 175 TXW(***) | 11 | 5690 | 5540 |
|  | 3 | 2005 | CRESTLINER INC | 1850 SPORTFISH | 10 | 6325 | 6490 |
| W | 4 | 2004 | LUND BOAT CO | 1800 FISHERMAN | 8 | 5720 | 5890 |
| ~込 | 5 | 2006 | LOWE IND | 170W STINGER(***) | 6 | 9138 | 8080 |
|  |  |  |  |  |  |  |  |
|  | 1 | 2006 | SEA RAY BOATS | 185 SPORT(***) | 11 | 11170 | 10740 |
|  | 2 | 2004 | SEA RAY BOATS | 185 SPORT(***) | 10 | 8410 | 8360 |
|  | 3 | 2002 | RANGER BOATS/WOOD MFG | 520DVX(**) | 9 | 16890 | 17200 |
|  | 4 | 2005 | STRATOS BOATS | 285 XB/BS(***) | 8 | 9715 | 9820 |
|  | 5 | 2005 | TRITON BOATS | TR-186(***) | 6 | 11740 | 11950 |

$\left(^{* *}\right)$ Includes the value of the outboard motor. $\left({ }^{* * *) I n c l u d e s ~ t h e ~ v a l u e ~ o f ~ t h e ~ o u t b o a r d ~ m o t o r ~ a n d ~ t r a i l e r . ~}\right.$
PRE-OWNED INBOARD BOAT SALES


[^0]
# Boats in Use 

Amid all the bleak economic numbers, there is some good news to report. The National Marine Manufacturers Assocation has estimated the number of adults who went boating last year was up almost 6 percent from the year before. And, although many Americans weren't in the mood to buy a boat, they were using the boats they already own, as the total number of recreational boats in use was almost flat year-over-year, falling just 0.5 percent.

Customer satisfaction levels were also high, as the chart on p. 24 , provided by Customer Service Intelligence, shows. A remarkable 99.1 percent of customers surveyed said they were satisfied with the treatment they received from marine retailers, and almost 98 percent said they would do business with those companies again.

Those are great results in any ecomonic conditions.

All of the information excerpted on this page and the next is from the NMMA's 2008 Statistical Abstract. For more information, contact Vicky Yu at 312-946-6261 or vyu@nmma.org. To order a copy, cmail orderdesk@nmma.org.

## TOP 20 STATES IN BOATING EXPENDITURES

| RANK COMPARED TO '07 | STATE |  |
| :--- | ---: | ---: |
|  |  |  |
| Same | FLORIDA | 1 |
| Same | TEXAS | 2 |
| Same | CALIFORNIA | 3 |
| Same | NEW YORK | 4 |
| Same | NORTH CAROLINA | 5 |
| Moved up 12 spots | DELAWARE | 6 |
| Moved up four spots | LOUISIANA | 7 |
| Fell two spots | WASHINGTON | 8 |
| Moved up six spots | MINNESOTA | 9 |
| Fell one spot | MICHIGAN | 10 |
| Moved up two spots | WISCONSIN | 11 |
| Dropped four spots | ALABAMA | 12 |
| Dropped three spots | SOUTH CAROLINA | 13 |
| Dropped seven spots | GEORGIA | 14 |
| Dropped three spots | VIRGINIA | 15 |
| Dropped two spots | ILLINOIS | 16 |
| Dropped one spot | NEW JERSEY | 17 |
| Dropped one spot | TENNESSEE | 18 |
| Moved up one spot | MISSOURI | 19 |

RECREATIONAL BOATS IN USE BY BOAT TYPE


## TOTAL RECREATIONAL BOATS IN USE



REGISTRATION AND EXPENDITURES SNAPSHOT


|  | POPULATION | REEISTERED <br> BOATS 2007 | $\begin{gathered} \% \text { of } \\ \text { REG. } \\ \text { BOATS } \end{gathered}$ | PEOPLE PER BOAT | SQ. MILES INLAND WATER | $\begin{array}{r} \text { MILES } \\ \text { COASTAL } \\ \text { SHORIINE } \end{array}$ | POWER BOATS | OUTBOARD MOTORS | Sales in | in thousands ACCESSORIES | U.S. Dollars TOTAL | $\begin{aligned} & \% \text { OF } \\ & \text { TOTAL } \\ & \text { SALES } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NEW ENGLAND |  | 542,261 | 4.24\% |  |  |  | \$481,694 | \$99,400 | \$6,433 | \$98,411 | \$685,935 | 5.30\% |
| Connecticut | 3,483,000 | 108,539 | 0.85\% | 32.09 | 698 | 618 | \$127,466 | \$22,027 | \$1,461 | \$22,592 | \$173,545 | 1.34\% |
| Maine | 1,306,000 | 112,818 | 0.88\% | 11.58 | 4,523 | 3,478 | \$83,400 | \$16,648 | \$1,216 | \$18,557 | \$119,821 | 0.93\% |
| Massachusetts | 6,433,000 | 145,496 | 1.14\% | 43.28 | 2,717 | 1,519 | \$147,863 | \$41,209 | \$1,936 | \$29,709 | \$220,717 | 1.70\% |
| New Hampshire | 1,288,000 | 100,261 | 0.78\% | 12.85 | 382 | 131 | \$62,295 | \$8,480 | \$1,070 | \$16,050 | \$87,894 | 0.68\% |
| Rhode Island | 1,076,000 | 43,665 | 0.34\% | 24.64 | 500 | 384 | \$44,669 | \$8,322 | \$434 | \$6,794 | \$60,219 | 0.47\% |
| Vermont | 619,000 | 31,482 | 0.25\% | 19.66 | 366 |  | \$16,001 | \$2,714 | \$316 | \$4,709 | \$23,739 | 0.18\% |
| SOUTH ATLANTIC |  | 2,735,963 | 21.37\% |  |  | \$2,500,091 |  | \$642,224 | \$41,216 | \$624,766 | \$3,808,298 | 29.41\% |
| Delaware | 817,000 | 61,569 | 0.48\% | 13.27 | 535 | 381 | \$409,014 | \$9,530 | \$1,214 | \$23,383 | \$443,142 | 3.42\% |
| District of Columbia | a 563,000 | 2,866 | 0.02\% | 196.44 | 7 |  | \$4,971 | \$3,469 | \$44 | \$683 | \$9,167 | 0.07\% |
| Florida | 17,019,000 | 991,680 | 7.75\% | 17.16 | 11,761 | 8,426 | \$960,345 | \$326,543 | \$16,606 | \$251,073 | \$1,554,568 | 12.01\% |
| Georgia | 8,685,000 | 344,597 | 2.69\% | 25.20 | 1,522 | 2,344 | \$198,817 | \$57,556 | \$4,946 | \$73,680 | \$334,998 | 2.59\% |
| Maryland | 5,509,000 | 202,892 | 1.58\% | 27.15 | 2,633 | 3,190 | \$172,470 | \$37,277 | \$2,379 | \$36,377 | \$248,503 | 1.92\% |
| North Carolina | 8,407,000 | 375,815 | 2.94\% | 22.37 | 5,103 | 3,375 | \$312,085 | \$88,102 | \$6,533 | \$97,557 | \$504,277 | 3.89\% |
| South Carolina | 4,147,000 | 442,040 | 3.45\% | 9.38 | 1,896 | 2,876 | \$201,745 | \$62,312 | \$4,545 | \$67,821 | \$336,423 | 2.60\% |
| Virginia | 7,386,000 | 251,440 | 1.96\% | 29.37 | 3,171 | 3,315 | \$208,122 | \$50,231 | \$4,027 | \$60,506 | \$322,886 | 2.49\% |
| West Virginia | 1,810,000 | 63,064 | 0.49\% | 28.70 | 145 | - | \$32,522 | \$7,204 | \$922 | \$13,686 | \$54,334 | 0.42\% |
| MIDDLE ATLANTIC |  | 1,019,594 | 7.96\% |  |  |  | \$690,561 | \$154,022 | \$12,256 | \$185,175 | \$1,042,015 | 8.05\% |
| New Jersey | 8,638,000 | 183,147 | 1.43\% | 47.16 | 1,303 | 1,792 | \$205,306 | \$40,084 | \$3,184 | \$48,464 | \$297,038 | 2.29\% |
| New York | 19,190,000 | 494,020 | 3.86\% | 38.84 | 7,251 | 1,850 | \$347,460 | \$69,399 | \$5,753 | \$87,115 | \$509,727 | 3.94\% |
| Pennsylvania | 12,365,000 | 342,427 | 2.67\% | 36.11 | 1,239 | 89 | \$137,795 | \$44,539 | \$3,319 | \$49,596 | \$235,250 | 1.82\% |
| EAST NORTH CENT | TRAL | 2,484,265 | 19.40\% |  |  |  | \$907,586 | \$232,415 | \$21,821 | \$325,976 | \$1,487,797 | 11.49\% |
| Illinois | 12,654,000 | 379,454 | 2.96\% | 33.35 | 2,324 |  | \$185,567 | \$45,440 | \$4,412 | \$65,961 | \$301,379 | 2.33\% |
| Indiana | 6,196,000 | 241,474 | 1.89\% | 25.55 | 550 |  | \$110,578 | \$29,145 | \$2,902 | \$43,153 | \$185,778 | 1.43\% |
| Michigan | 10,080,000 | 830,743 | 6.49\% | 12.13 | 40,001 |  | \$229,228 | \$59,270 | \$5,310 | \$79,396 | \$373,203 | 2.88\% |
| Ohio | 11,436,000 | 415,228 | 3.24\% | 27.54 | 3,875 |  | \$175,015 | \$34,556 | \$3,524 | \$52,975 | \$266,071 | 2.06\% |
| Wisconsin | 5,472,000 | 617,366 | 4.82\% | 8.86 | 11,190 |  | \$207,198 | \$64,004 | \$5,673 | \$84,491 | \$361,366 | 2.79\% |
| WEST NORTH CEN | NTRAL | 1,686,756 | 13.17\% |  |  |  | \$593,938 | \$180,992 | \$15,752 | \$234,619 | \$1,025,300 | 7.92\% |
| lowa | 2,944,000 | 213,767 | 1.67\% | 13.77 | 401 |  | \$74,922 | \$20,379 | \$1,922 | \$28,586 | \$125,809 | 0.97\% |
| Kansas | 2,724,000 | 93,900 | 0.73\% | 29.01 | 459 |  | \$48,800 | \$10,578 | \$1,174 | \$17,470 | \$78,021 | 0.60\% |
| Minnesota | 5,059,000 | 866,496 | 6.77\% | 5.84 | 7,326 |  | \$208,462 | \$76,426 | \$6,121 | \$91,024 | \$382,033 | 2.95\% |
| Missouri | 5,704,000 | 321,782 | 2.51\% | 17.73 | 811 |  | \$165,103 | \$42,173 | \$3,732 | \$55,941 | \$266,949 | 2.06\% |
| Nebraska | 1,739,000 | 83,722 | 0.65\% | 20.77 | 481 |  | \$35,673 | \$9,664 | \$1,021 | \$15,124 | \$61,482 | 0.42\% |
| North Dakota | 634,000 | 53,519 | 0.42\% | 11.85 | 1,710 |  | \$29,414 | \$12,649 | \$978 | \$14,495 | \$57,536 | 0.29\% |
| South Dakota | 764,000 | 53,570 | 0.42\% | 14.26 | 1,224 |  | \$31,564 | \$9,123 | \$804 | \$11,979 | \$53,470 | 0.26\% |
| EAST SOUTH CENT | ITRAL | 906,162 | 7.08\% |  |  |  | \$553,290 | \$171,348 | \$13,959 | \$207,732 | \$946,330 | 7.31\% |
| Alabama | 4,501,000 | 274,176 | 2.14\% | 16.42 | 1,673 | 607 | \$201,137 | \$62,094 | \$4,976 | \$74,076 | \$342,283 | 2.64\% |
| Kentucky | 4,118,000 | 176,716 | 1.38\% | 23.30 | 679 |  | \$87,557 | \$29,673 | \$2,346 | \$34,841 | \$154,416 | 1.19\% |
| Mississippi | 2,881,000 | 180,356 | 1.41\% | 15.97 | 1,520 | 359 | \$86,022 | \$33,788 | \$2,464 | \$36,593 | \$158,868 | 1.23\% |
| Tennessee | 5,842,000 | 274,914 | 2.15\% | 21.25 | 926 | - | \$178,574 | \$45,793 | \$4,173 | \$62,222 | \$290,763 | 2.25\% |
| WEST SOUTH CEN | NTRAL | 1,330,769 | 10.39\% |  |  |  | \$1,116,053 | \$347,992 | \$27,715 | \$411,976 | \$1,903,737 | 14.70\% |
| Arkansas | 2,726,000 | 206,195 | 1.61\% | 13.22 | 1,107 |  | \$98,482 | \$35,812 | \$2,791 | \$41,428 | \$178,512 | 1.38\% |
| Louisiana | 4,496,000 | 301,249 | 2.35\% | 14.92 | 8,277 | 7,721 | \$216,667 | \$116,047 | \$6,338 | \$94,106 | \$433,159 | 3.35\% |
| Oklahoma | 3,512,000 | 223,758 | 1.75\% | 15.70 | 1,224 |  | \$150,470 | \$27,012 | \$3,416 | \$50,872 | \$231,771 | 1.79\% |
| Texas | 22,119,000 | 599,567 | 4.68\% | 36.89 | 6,687 | 3,359 | \$650,434 | \$169,121 | \$15,170 | \$225,570 | \$1,060,295 | 8.19\% |
| MOUNTAIN |  | 615,760 | 4.81\% |  |  |  | \$510,293 | \$58,851 | \$8,766 | \$132,057 | \$709,966 | 5.48\% |
| Arizona | 5,581,000 | 144,570 | 1.13\% | 38.60 | 364 |  | \$100,762 | \$14,129 | \$2,085 | \$31,183 | \$148,159 | 1.14\% |
| Colorado | 4,551,000 | 98,055 | 0.77\% | 46.41 | 371 |  | \$73,788 | \$9,374 | \$1,384 | \$20,705 | \$105,251 | 0.81\% |
| Idaho | 1,366,000 | 91,612 | 0.72\% | 14.91 | 823 |  | \$113,961 | \$8,090 | \$1,058 | \$16,688 | \$139,797 | 1.08\% |
| Montana | 918,000 | 79,651 | 0.62\% | 11.53 | 1,490 |  | \$64,278 | \$9,439 | \$1,211 | \$18,189 | \$93,115 | 0.72\% |
| Nevada | 2,241,000 | 59,895 | 0.47\% | 37.42 | 761 | - | \$44,359 | \$4,444 | \$908 | \$13,597 | \$63,308 | 0.49\% |
| New Mexico | 1,875,000 | 38,100 | 0.30\% | 49.21 | 234 | - | \$26,529 | \$3,514 | \$594 | \$8,852 | \$39,489 | 0.30\% |
| Utah | 2,351,000 | 76,921 | 0.60\% | 30.56 | 2,736 |  | \$64,101 | \$5,634 | \$1,092 | \$16,337 | \$87,165 | 0.67\% |
| Wyoming | 501,000 | 26,956 | 0.21\% | 18.59 | 713 | - | \$22,515 | \$4,227 | \$434 | \$6,506 | \$33,682 | 0.26\% |
| PACIFIC |  | 1,482,459 | 11.58\% |  |  |  | \$930,378 | \$184,193 | \$13,767 | \$210,132 | \$1,338,471 | 10.34\% |
| Alaska | 649,000 | 47,548 | 0.37\% | 13.65 | 86,050 | 33,904 | \$84,266 | \$37,023 | \$843 | \$13,453 | \$135,585 | 1.05\% |
| California | 35,484,000 | 964,881 | 7.54\% | 36.78 | 7,734 | 3,427 | \$416,367 | \$61,942 | \$7,227 | \$109,204 | \$594,740 | 4.59\% |
| Hawaii | 1,258,000 | 15,094 | 0.12\% | 83.34 | 4,508 | 1,052 | \$14,182 | \$5,302 | \$217 | \$3,289 | \$22,990 | 0.18\% |
| Oregon | 3,506,000 | 184,147 | 1.44\% | 19.04 | 2,383 | 1,410 | \$127,261 | \$25,151 | \$1,832 | \$28,029 | \$182,274 | 1.41\% |
| Washington | 6,131,000 | 270,789 | 2.11\% | 22.64 | 4,720 | 3,026 | \$288,302 | \$54,775 | \$3,648 | \$56,157 | \$402,882 | 3.11\% |
| TOTALS 29 | 290,810,000 | 12,803,989 | 100.00\% | 22.82 | 251,084 | 88,633 | \$8,283,884 | \$2,071,440 | \$161,684 | \$2,430,842 \$ | \$12,947,850 | 100\% |

[^1]Source: NMMA 2008 Abstract

## MARINE CUSTOMER SATISFACTION AVERAGES 2008



The information in the graphs above and to the right are the results of a recent survey conducted by Customer Service Intelligence Inc. for its marine
clients. The responses are taken from the sales and service customers of those clients. For more information on CSI Programs and industry statistics contact Fran Olsen at folsen@tellcsi.com or 800.835.5274; www.tellcsi.com.

WHO OR WHAT PROMPTED YOUR VISIT?

U.S. BOATING PARTICIPATION SINCE 1990


PARTICIPATION IN BOATING AND RELATED RECREATIONS

|  |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |

[^2]
# The Retail Boat Market 

After year-over-year unit sales fell by 70,310 from 2006 to 2007, their largest drop in a decade, they nearly doubled that plunge from 2007 to 2008, falling by another 137,000 units.

The unit sales declines, as you will see in the charts and graphs on the following
pages, were measured across all of the boat segments.

However, the average unit cost was more varied amongst the different segments. It rose more than 30 percent in the cruisers segment while falling more than 20 percent in the sailboats segment.

Data on the following pages has been excerpted from the NMMA's 2008 Recreational Boating Abstract. For more information, contact Vicky Yu at 312-946-6261 or vyu@nmma.ors. To order a copy of the Abstract, contact the NMMA Fulfillment Coordinator at orderdesk@nmma.org.

YEAR OVER YEAR NEW BOATS

| YEAR | UNITS SOLD | POWERBOATS |
| :---: | :---: | :---: |
| 1997 | 593,000 | 291,200 |
| 1998 | 571,400 | 309,000 |
| 1999 | 582,500 | 328,900 |
| 2000 | 576,800 | 343,500 |
| 2001 | $880,300^{*}$ | 311,700 |
| 2002 | 844,100 | 303,600 |
| 2003 | $837,900^{* *}$ | 295,500 |
| 2004 | 870,650 | 307,900 |
| 2005 | 864,450 | 306,000 |
| 2006 | 912,130 | 291,900 |
| 2007 | 841,820 | 267,300 |
| 2008 | 704,820 | 203,000 |

RETAIL EXPENDITURE ESTIMATES FOR RECREATIONAL BOATING


RETAIL EXPENDITURES (IN MILLIONS)

|  | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Boat Retail Dollars | \$10,027 | \$10,754 | \$11,574 | \$11,891 | \$11,739 | \$9,177 |
| Used Boat Retail Dollars | \$7,362 | \$7,901 | \$9,112 | \$10,535 | \$9,641 | \$9,451 |
| New Outboard Engine Retail Dollars | \$2,555 | \$2,879 | \$3,155 | \$3,255 | \$2,689 | \$2,071 |
| Used Outboard Engine Retail Dollars | \$1,566 | \$1,765 | \$1,934 | \$1,947 | \$1,741 | \$1,479 |
| New Boat Trailer Retail Dollars | \$202 | \$228 | \$247 | \$296 | \$232 | \$162 |
| Subtotal: <br> Boat/Motor/Trailer Dollars | \$21,711 | \$23,526 | \$26,022 | \$27,925 | \$26,042 | \$22,341 |
| Estimated Accessory Aftermarket Sales | \$2,124 | \$2,421 | \$2,905 | \$2,760 | \$2,608 | \$2,431 |
| Estimated Other (fuel, finance, insurance, docking, maintenance etc.) | \$6,448 | \$7,006 | \$8,389 | \$8,808 | \$8,766 | \$8,853 |
| Total Expenditures | \$30,283 | \$32,953 | \$37,317 | \$39,493 | \$37,416 | \$33,624 |


| OUTBOARD BOATS 9-YEAR REVIEW OF SALES \& AVERAGE PRICE |  |  |  |
| :---: | :---: | :---: | :---: |
| YEAR | UNITS SOLD | RETAIL | AVERAGE UNIT COST |
| 2000 | 241,200 | \$2,306,577,000 | \$9,563 |
| 2001 | 217,800 | \$2,195,859,600 | \$10,082 |
| 2002 | 212,000 | \$2,280,908,000 | \$10,759 |
| 2003 | 207,100 | \$2,742,825,960 | \$13,244 |
| 2004 | 216,600 | \$2,867,571,600 | \$13,239 |
| 2005 | 213,300 | \$3,200,861,700 | \$15,006 |
| 2006 | 204,200 | \$3,215,742,200 | \$15,748 |
| 2007 | 188,700 | \$3,358,540,400 | \$17,798 |
| 2008 | 151,400 | \$2,803,000,000 | \$18,513 |

Source: NMMA 2008 Abstract

## 2009 FIBERGLASS OUTBOARD BOATS MARKET SHARE

FIBERGLASS 16' - 20'

|  | MAKE |  | 2008 MARKETSHARE |  |
| :--- | :--- | :--- | :--- | :--- |
|  | MAKE |  |  |  |


| MAKE |  | 2008 MARKETSHARE |  |
| :---: | :---: | :---: | :---: |
| 1. | RANGER | 1. | RANGER |
| 2. | HURRICANE | 3. | TRITON BOATS |
| 3. | TRACKER MARINE | 4. | CAROLINA SKIFF |
| 4. | CAROLINA SKIFF | 5. | SEA HUNT BOATS |
| 5. | TRITON BOATS | 6. 7. | TRACKER MARINE SEAFOX |
| 6. | SEA HUNT BOATS | 8. | nautic star |
| 7. | NAUTIC STAR | 9. | PRO LINE |
| 8. | SEA PRO | $\frac{10}{\text { con }}$ | PATHFINDER |
| 9. | SKEETER |  |  |
| 10. | PATHFINDER |  |  |

FIBERGLASS $\mathbf{> 2 4}{ }^{\prime}$

| COMBINED SHARE: 44.0\% | 2008 MARKtishare |
| :---: | :---: |
|  | 1. GRADY White |
| MAKE | 2. Boston whaler |
| 1. GRADY WHITE |  |
| 2. BOSTON WHALER | 5. HYORA SPORTS |
| 3. CONTENDER | PROLINE |
| 4. SEAFOX | 7. PURSUUT |
| 5. REGULATOR MARINE | 8. SALLISH |
| 6. INTREPID | 10. PARKER MARINE |
| 7. PURSUIT | COMBINED SHARE 40.4 |

8. EVERGLADES
9. HYDRA SPORTS
10. CENTURY

OUTBOARD ENGINES 9-YEAR REVIEW
OF SALES \& AVERAGE PRICE

| YEAR | UNITS SOLD | RETAIL <br> VALUE | AVERAGE <br> UNIT COST |
| :---: | :---: | :---: | :---: |
| 2000 | 348,700 | $\$ 2,901,881,400$ | $\$ 8,322$ |
| 2001 | 299,100 | $\$ 2,411,045,100$ | $\$ 8,061$ |
| 2002 | 302,100 | $\$ 2,478,838,900$ | $\$ 8,205$ |
| 2003 | 305,400 | $\$ 2,554,533,600$ | $\$ 8,365$ |
| 2004 | 315,300 | $\$ 2,879,002,858$ | $\$ 9,131$ |
| 2005 | 312,000 | $\$ 3,154,904,900$ | $\$ 10,112$ |
| 2006 | 301,700 | $\$ 3,255,410,900$ | $\$ 10,790$ |
| 2007 | 275,500 | $\$ 2,689,037,900$ | $\$ 9,761$ |
| 2008 | 227,000 | $\$ 2,071,000,000$ | $\$ 9,125$ |

Source: NMMA 2008 Abstract

## 2009 ALUMINUM OUTBOARD BOATS MARKET SHARE

ALUMINUM 16' - 20'

|  |  |
| :--- | :--- |
| 1. | MAKE |
| 2. | ALUCKMACRAFT |
| 3. | G3 |
| 4. | LUND |
| 5. | LOWE |
| 6. | CRESTLINER |
| 7. | TRITON BOATS |
| 8. | XPRESS |
| 9. | SMOKER CRAFT |
| 10. | BENNINGTON |

## 2008 MARKETSHARE

1. TRACKER MARINE
alumacraft
G3
LUND
LOWE
CRESTLINER
TRITON BOATS
XPRESS
SMOKER CRAFT
2. BENNINGTON

COMBINED SHARE: $65.3 \%$

## ALUMINUM 21' - 24'

|  | MAKE | 2008 MARKETSHARE |
| :---: | :---: | :---: |
| 1. | TRACKER MARINE | MAKE |
| 2. | BENNINGTON | 1. TRACKER MARINE |
| 3. | GODFREY | 3. GODFREY |
| 4. | PREMIER | 4. BENTLEY |
| 5. | BENTLEY | 5. CREST |
| 6. | CREST | 6. PREMIER 7. LOWE |
| 7. | AVALON \& TAHOE | 8. AVALON \& TAHOE |
| 8. | LOWE | 9. HARRIS KAYOT |
| 9. | HARRIS KAYOT | 10. FOREST RIVER |
| 10. | FOREST RIVER | COMBINED SHARE: $\mathbf{6 7 . 2 \%}$ |

ALUMINUM > $\mathbf{2 4}^{\prime}$

|  | MAKE |  | $\mathbf{2 0 0 8}$ |  | MARKETSHARE |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | MAKE |  |  |  |  |

SKI WAKEBOARD BOATS
15-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR | TOTAL UNITS SOLD | $\begin{aligned} & \text { RETAIL } \\ & \text { VALUE } \end{aligned}$ | AVERAGE <br> UNIT COST |
| :---: | :---: | :---: | :---: |
| 1994 | 7,200 | \$142,776,000 | \$19,830 |
| 1995 | 6,900 | \$147,660,000 | \$21,400 |
| 1996 | 6,000 | \$126,234,000 | \$21,039 |
| 1997 | 6,100 | \$136,408,200 | \$22,362 |
| 1998 | 10,900 | \$253,348,700 | \$23,243 |
| 1999 | 12,100 | \$308,429,000 | \$25,490 |
| 2000 | 13,600 | \$366,438,400 | \$26,944 |
| 2001 | 11,100 | \$352,569,300 | \$31,763 |
| 2002 | 10,500 | \$398,811,000 | \$37,982 |
| 2003 | 11,100 | \$403,289,600 | \$36,332 |
| 2004 | 11,600 | \$435,382,800 | \$37,533 |
| 2005 | 12,600 | \$507,742,200 | \$40,297 |
| 2006 | 13,100 | \$568,357,200 | \$43,386 |
| 2007 | 12,000 | \$566,804,600 | \$47,234 |
| 2008 | 8,900 | \$449,000,000 | \$50,400 |

Source: NMMA 2008 Abstract

SAILBOATS 15-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR | TOTAL UNITS SOLD | $\begin{aligned} & \text { RETAIL } \\ & \text { VALUE } \end{aligned}$ | AVERAGE UNIT COST |
| :---: | :---: | :---: | :---: |
| 1994 | 13,000 | \$266,680,000 | N/A |
| 1995 | 13,560 | \$287,520,000 | N/A |
| 1996 | 14,310 | N/A | N/A |
| 1997 | 10,500 | N/A | N/A |
| 1998 | 14,500 | N/A | N/A |
| 1999 | 18,850 | N/A | N/A |
| 2000 | 22,500 | \$760,622,900 | \$33,805 |
| 2001 | 18,600 | \$638,640,300 | \$34,336 |
| 2002 | 15,800 | \$567,782,400 | \$35,936 |
| 2003 | 15,000 | \$539,744,700 | \$35,983 |
| 2004 | 14,300 | \$603,381,900 | \$42,195 |
| 2005 | 14,400 | \$646,928,417 | \$44,926 |
| 2006 | 12,900 | \$652,186,900 | \$50,557 |
| 2007 | 11,800 | \$716,350,100 | \$60,708 |
| 2008 | 9,300 | \$448,000,000 | \$48,157 |

Source: NMMA 2008 Abstract; The Sailing Company's Annual Sailing Business Review

STERNDRIVE BOATS 15-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR <br> YNITS SOLD |  | RETAIL <br> VALUE | AVERAGE <br> UNIT COST |
| :---: | :---: | :---: | :---: |
| 1994 | 90,000 | $\$ 1,668,780,000$ | $\$ 18,542$ |
| 1995 | 93,600 | $\$ 1,791,310,000$ | $\$ 19,138$ |
| 1996 | 94,500 | $\$ 1,925,248,500$ | $\$ 20,373$ |
| 1997 | 92,000 | $\$ 2,068,528,000$ | $\$ 22,484$ |
| 1998 | 77,700 | $\$ 1,746,696,000$ | $\$ 22,480$ |
| 1999 | 79,600 | $\$ 2,054,476,000$ | $\$ 25,810$ |
| 2000 | 78,400 | $\$ 2,253,843,200$ | $\$ 28,748$ |
| 2001 | 72,000 | $\$ 2,216,448,000$ | $\$ 30,784$ |
| 2002 | 69,300 | $\$ 2,192,929,200$ | $\$ 31,644$ |
| 2003 | 69,200 | $\$ 2,221,115,600$ | $\$ 32,097$ |
| 2004 | 71,100 | $\$ 2,368,085,700$ | $\$ 33,306$ |
| 2005 | 72,300 | $\$ 2,573,331,420$ | $\$ 35,592$ |
| 2006 | 67,700 | $\$ 2,724,065,700$ | $\$ 40,237$ |
| 2007 | 60,400 | $\$ 2,671,928,300$ | $\$ 44,238$ |
| 2008 | 38,500 | $\$ 1,789,000,000$ | $\$ 46,459$ |

Source: NMMA 2008 Abstract

## 2009 FIBERGLASS STERNDRIVE

 BOATS MARKET SHARE| FIBERGLASS 16' - 20' |  |
| :---: | :---: |
| MAKE | 2008 MARKETSHARE |
| 1. BAYLINER | 1. BAYLINER |
| 2. SEA RAY | 2. SEA RAY |
| 3. TRACKER MARINE | 3. GLASTRON <br> 4. TRACKER MARINE |
| 4. GLASTRON | 5. FOUR WINNS |
| 5. FOUR WINNS | 6. STINGRAY |
| 6. STINGRAY | 7. MAXUM |
| 7. CHAPARRAL | 9. LARSON |
| 8. CROWNLINE | 10. CHAPARRAL |
| 9. MAXUM | COMBINED SHARE 82.7\% |
| 10. LARSON |  |
| COMBINED SHARE: $84.2 \%$ |  |
| FIBERGLASS 21' - 24' |  |
| MAKE | $\begin{gathered} 2008 \text { MARKETSHARE } \\ \text { MAKE } \\ \hline \end{gathered}$ |
| 1. SEA RAY |  |
| 2. CHAPARRAL | 1. SEA RAY <br> 2. CHAPARRAL |
| 3. FOUR WINNS | 3. TRACKER MARINE |
| 4. COBALT | 4. FOUR WINNS |
| 5. TRACKER MARINE | 5. CROWNLINE |
| 6. CROWNLINE | 6. COBALT <br> 7. BAYLINER |
| 7. GLASTRON | 8. GLASTRON |
| 8. BAYLINER | 9. LARSON |
| 9. MONTEREY | 10. MONTEREY |
| 10. LARSON | COMBINED SHARE 72.4\% |
| COMBINED SHARE: $75.3 \%$ |  |

INBOARD CRUISERS 15-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR | TOTAL UNITS SOLD | $\begin{aligned} & \text { RETAIL } \\ & \text { VALUE } \end{aligned}$ | AVERAGE <br> UNIT COST |
| :---: | :---: | :---: | :---: |
| 1994 | 4,200 | \$890,681,400 | \$212,067 |
| 1995 | 5,460 | \$1,169,504,700 | \$214,195 |
| 1996 | 5,350 | \$1,215,268,550 | \$227,153 |
| 1997 | 6,300 | \$1,669,103,100 | \$264,937 |
| 1998 | 6,700 | \$1,704,245,500 | \$254,365 |
| 1999 | 7,000 | \$1,799,420,000 | \$257,060 |
| 2000 | 10,300 | \$2,925,756,200 | \$284,054 |
| 2001 | 10,800 | \$3,758,475,600 | \$348,007 |
| 2002 | 10,200 | \$3,748,551,000 | \$367,505 |
| 2003 | 8,100 | \$3,019,926,200 | \$372,830 |
| 2004 | 8,600 | \$3,334,830,600 | \$387,771 |
| 2005 | 7,800 | \$3,118,557,000 | \$399,815 |
| 2006 | 6,900 | \$3,069,614,900 | \$444,872 |
| 2007 | 6,200 | \$2,888,122,600 | \$465,826 |
| 2008 | 4,200 | \$2,548,000,000 | \$606,621 |

Source: NMMA 2008 Abstract

## 2009 ALUMINUM STERNDRIVE BOATS MARKET SHARE

## ALUMINUM 16' - 20'

|  |  |
| :--- | :--- |
| 1. MAKE |  |
| 2. | CRESTLINER |
| 3. | ARACKER MARINE |
| 4. | STARCRAFT |
| 5. LUND |  |
| 6. | LOWE |
| 7. | BENNINGTON |
| 8. | SMOKER CRAFT |
| 9. | AVALON \& TAHOE |
| 10. | GODFREY |
| COMBINED SHARE: $91.0 \%$ |  |

2008 MARKETSHARE MAKE

CRESTLINER TRACKER MARINE alumaweld LUND bennington STARCRAFT LOWE GODFREY
9. SMOKER CRAFT
10. AVALON \& TAHOE

COMBINED SHARE 88.6\%

ALUMINUM 21' - 24'


[^3]
## INFLATABLES 6-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR | UNITS SOLD | RETAIL <br> VALUE | AVERAGE <br> UNIT COST |
| :---: | :---: | :---: | :---: |
| 2003 | 30,500 | $\$ 67,417,200$ | $\$ 2,210$ |
| 2004 | 31,600 | $\$ 64,677,300$ | $\$ 2,047$ |
| 2005 | 30,100 | $\$ 57,551,200$ | $\$ 1,912$ |
| 2006 | 25,100 | $\$ 48,229,600$ | $\$ 1,921$ |
| 2007 | 29,400 | $\$ 117,961,200$ | $\$ 4,012$ |
| 2008 | 28,300 | $\$ 84,000,000$ | $\$ 2,952$ |

Source: NMMA 2008 Abstract

For more Market Data Book information, please visit www.boating-industry.com

PWC 15-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR |  | UNITS SOLD | RETAIL <br> VALUE |
| :---: | :---: | :---: | :---: |
| 1994 | 142,000 | $\$ 804,430,000$ | AVERAGE <br> UNIT COST |
| 1995 | 200,000 | $\$ 1,144,400,000$ | $\$ 5,722$ |
| 1996 | 191,000 | $\$ 1,208,648,000$ | $\$ 6,328$ |
| 1997 | 176,000 | $\$ 1,135,904,000$ | $\$ 6,454$ |
| 1998 | 130,000 | $\$ 868,530,000$ | $\$ 6,681$ |
| 1999 | 106,000 | $\$ 771,044,000$ | $\$ 7,274$ |
| 2000 | 92,000 | $\$ 720,176,000$ | $\$ 7,828$ |
| 2001 | 80,900 | $\$ 641,456,100$ | $\$ 7,929$ |
| 2002 | 79,300 | $\$ 697,681,400$ | $\$ 8,798$ |
| 2003 | 80,600 | $\$ 716,501,800$ | $\$ 8,890$ |
| 2004 | 79,500 | $\$ 733,454,700$ | $\$ 9,226$ |
| 2005 | 80,200 | $\$ 761,531,000$ | $\$ 9,495$ |
| 2006 | 82,200 | $\$ 792,079,200$ | $\$ 9,636$ |
| 2007 | 79,900 | $\$ 793,460,800$ | $\$ 9,931$ |
| 2008 | 62,600 | $\$ 558,000,000$ | $\$ 8,919$ |
| Source: NMMA 2008 Abstract |  |  |  |

JET BOATS 14-YEAR REVIEW OF SALES \& AVERAGE PRICE

| YEAR |  | UNITS SOLD | RETAIL <br> VALUE |
| ---: | ---: | ---: | ---: |
| 1995 | 14,700 | $\$ 141,796,000$ | AVERAGE <br> UNIT COST |
| 1996 | 14,100 | $\$ 143,280,000$ | $\$ 9,646$ |
| 1997 | 11,700 | $\$ 144,389,700$ | $\$ 12,162$ |
| 1998 | 10,100 | $\$ 167,033,800$ | $\$ 16,538$ |
| 1999 | 7,800 | $\$ 132,678,000$ | $\$ 17,010$ |
| 2000 | 7,000 | $\$ 123,641,000$ | $\$ 17,663$ |
| 2001 | 6,200 | $\$ 118,692,800$ | $\$ 19,144$ |
| 2002 | 5,100 | $\$ 107,997,600$ | $\$ 21,176$ |
| 2003 | 5,600 | $\$ 115,268,200$ | $\$ 20,584$ |
| 2004 | 5,600 | $\$ 130,368,000$ | $\$ 23,280$ |
| 2005 | 6,700 | $\$ 168,223,600$ | $\$ 25,108$ |
| 2006 | 6,200 | $\$ 151,549,100$ | $\$ 24,443$ |
| 2007 | 6,800 | $\$ 188,928,300$ | $\$ 27,784$ |
| 2008 | 4,900 | $\$ 138,000,000$ | $\$ 28,088$ |

Source: NMMA 2008 Abstract

TRAILERS 15-YEAR
REVIEW OF SALES

| YEAR | UNITS SOLD | $\begin{aligned} & \text { RETAIL } \\ & \text { VALUE } \end{aligned}$ | AVERAGE UNIT COST |
| :---: | :---: | :---: | :---: |
| 1994 | 176,000 | \$162,976,000 | \$926 |
| 1995 | 207,000 | \$194,994,000 | \$942 |
| 1996 | 194,000 | \$189,344,000 | \$976 |
| 1997 | 181,000 | \$190,050,000 | \$1,050 |
| 1998 | 174,000 | \$189,660,000 | \$1,090 |
| 1999 | 168,000 | \$190,008,000 | \$1,131 |
| 2000 | 158,500 | \$184,494,000 | \$1,164 |
| 2001 | 135,900 | \$181,698,300 | \$1,337 |
| 2002 | 141,200 | \$200,645,200 | \$1,421 |
| 2003 | 130,600 | \$202,012,100 | \$1,547 |
| 2004 | 133,400 | \$228,037,400 | \$1,709 |
| 2005 | 134,100 | \$247,548,600 | \$1,846 |
| 2006 | 130,900 | \$295,874,800 | \$2,260 |
| 2007 | 126,200 | \$232,088,000 | \$1,839 |
| 2008 | 92,400 | \$162,000,000 | \$1,750 |

[^4]
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## Boating

## insider.boating-industry.com

"Do you know what your employees are telling customers?," by Boating Industry's online editor Mike Davin, provoked the most discussion on our blog site over the last few weeks. Here's an excerpt: "...my wife called the marina where the boat was stored/repaired. An employee proceeded to tell her that whatever was wrong, she had caused it because she didn't know what she was doing ... Will that one interaction prevent us from buying a boat? Who knows, but these days you don't want interested buyers making any extra check marks in the 'cons' column." To read more of this blog and others from our editorial staff, please visit insider.boating-industry.com.

TOP 5 STORIES
In case you missed it.
Here are five recent top stories from Boating Industry's e-newsletter, according to traffic logs

1. Jacobs suggests floorplan financing solution
2. Dealer spending cuts not enough
3. Volvo Penta preparing for ramp-up
4. New show emerges to replace cancelled NMMA event
5. Classic boat builder shuts down


## AT THE HELM

In April 1974, 148 tornados ripped through the Eastern United States, tearing apart schools and churches, devastating entire towns, and killing a record number of Americans. As chronicled on The Weather Channel, these killer storms approached with little to no warning. Aside from a daring weatherman who piloted his own helicopter and broadcast a live report of an approaching F5 tornado, no one, not even the National Weather Service, could warn citizens of the looming threat.

Back in June, when explaining how his company, even a month prior, couldn't have fathomed the thought of filing for Chapter 11 bankruptcy protection, Genmar Holdings Chairman Irwin Jacobs likened the ravaging of the marine industry to a "perfect tsunami" of forces that have caused "some of the worst and most difficult business conditions" our industry has ever faced. I, however, would liken the circumstances more appropriately to The Super Outbreak of 1974. And here's why: Just like the National Weather Service back then, the marine industry of 2008, heck even of today, had no method in place to predict, forecast, cope with, warn its constituents about or protect any of its members from the catastrophic conditions of the past 18 months or so.

Now, we've got a tornado outbreak of unparalleled proportions on our hands. The market took a turn for the worst with derecho-like force. Lending institutions were bowled over and swept off their foundations, some disappearing altogether. Loans went with them. There were plenty of companies - suppliers, builders and dealers alike - in trouble before Genmar's issues became public. Now the troubles are cascading through the industry with a compounding effect, and few companies have been left unscathed. I guess you might now consider us - Boating Industry - the guy flying around in the helicopter.

If we look back, it becomes evident that the Weather Service learned a lot from the helpless predicament it found itself in that spring of '74. It learned how to read radar systems better to help predict weather patterns. It learned how to use satellite imagery to forecast storms. And it learned that it needed better protocols in place in order to properly warn civilians of a looming threat.

Like the tornadoes of 1974, the marine industry's perfect storm of 2008 and 2009 was rare, combining several critical - and deadly - factors to create devastation of a magnitude never seen before. But the now-critical question is: How will the marine industry react?

Will this seismic downturn go the way of past downturns, where we blame it on a luxury tax or gas prices or the lack of financing? Or will we react the way the Weather Service did and secure a better future for our constituents by enacting systems that will serve to fortify not only our economic strength, but also our future? \&


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# Home price trends and the boat market 

## How to use the information to your advantage.

By John L. Hughes, MarineMetrix

It's really important to be taking business actions now, based on reality, rather than wishful thinking. I don't think it's a secret that the performance of the boating market is connected to the performance of the housing market. Through tracking home prices, I have been able to document strong parallels to the performance of the boat market.

The accompanying image shows the recent Case-Shiller Home Price Index data through March 31, 2009. The rate-ofchange view of home prices gives the best indication of the shifts occurring in the market, and as the chart indicates, home prices have been trending downward since the housing bubble of 2004-2005.

As you can see from the most recent Info-Link Bellwether Report on all powerboats, the linkage between home-price growth and boat sales is amazingly tight. The first and most obvious connection is the total national market volumes for most boat types grew and declined in sync with home prices.

When you compare the home-price trends to the Bellwether Report, you can see that boat market volume is flat (i.e. zero growth) in periods of normal home price appreciation. Similarly, the home-price bubble coincided with an increase in boat sales volume and the home-price bust coincided with the current decline of the boat market.

My personal belief is that home-price trends - not just home sales - drive growth and decline in the boat market. Home owners are far more likely to make a large discretionary purchase like a boat when they feel well-off, based on significant equity in their home.

As you can see from the chart, many city markets that were heavily impacted by the home-price bubble are finally reporting an upturn in the rate of change of prices. Bargain-hunting buyers are starting to proactively drive prices higher. The recovery will

## ANNUAL RATE OF CHANGE OF HOME PRICES BASED ON CASE-SHILLER HOME PRICE INDEX



Two heavy dashed lines show a composite of 10 cities (blue) and 20 cities (red). It took exactly two years for the composite home price indices to decline from zero growth to the maximum rate of decline. Over 70 percent of the decline occurred during the 15 months from October ' 07 through December '08. The appearance of both composite indices bottoming out a little above a rate of 20-percent-per-year decline suggests the downward trend may be coming to an end.
be driven by more home buyers, whereas the decline was driven by an absence of buyers. For that reason, the recovery from maximum rate of decline in home prices to zero growth is likely to occur in a somewhat shorter time than was taken for the declining phase.

Optimistically, if the upward trend holds and things stay on track, that will establish the bottom of the home-price bust at January 2009, and we could be looking at zero annual change in home prices sometime in the second quarter of 2010. Realistically, however, that zero crossover could drag out to the second half of 2010.

## So, what's it all mean?

The boat market is affected by many factors
and it's too simplistic to plan based on just this one. While home-price trends are a major driving force for the boat market, there are clearly others like the current unavailability of flooring financing. That said, the linkage between home-price trends and the performance of the boat market is very strong and well worth considering in planning your business. The following are a few planning actions you may want to consider.

First, track the Case-Shiller Home Price Index, which follows 20 major city markets on a monthly basis, to know how home prices sit in your market. While all 20 markets are currently experiencing a decline in home prices, expect every market to perform differently according to the strength of
its local economy. And that local economy, ultimately, will drive the recovery. The impact of the home-price bubble is not uniform across the country. (The cities moderately impacted by the homeprice bubble are the ones where boat markets are currently the strongest, for example.)

Next, for purposes of planning your business, anticipate declining home prices through the 2010 model year. Only the most optimistic projection would show home prices recovering to resume growth in the last quarter of the 2010 model year. The forecast section of the chart shows both optimistic and realistic recovery paths for the CaseShiller composite home indices.

As mentioned previously, there is strong correlation between the strongest boat markets and the markets that have been least impacted by the home-price bubble. I would recommend that you focus any marketing that you can afford on those opportunity markets.

The converse of that is that the fastest-declining boat markets are those most impacted by the home-price boom. It makes sense to curtail marketing spending in those areas until home prices there are well on the way to recovery.

CHANGE IN HOUSE PRICES


A comparison of California house prices, to California retail boat unit sales, demonstrates on a state level that changes in housing prices influence boat sales. This information was provided by Chris Hodges of Brothers Boats in California and was compiled for the Spader 20 Group that Hodges belongs to.

## Leading indicator may siǵnal turnaround

By Peter Houseworth, Info-Link

The recreational marine industry has been under unprecedented pressure, the majority of which actually began in late 2005. Initially, new boat sales declines were most pronounced in Florida and California, which are obviously two of the key boating states, but over time, weakness spread to other markets across the country as the national economic situation deteriorated.

While the current cycle has not been uniform - enthusiast segments and certain geographies have performed better than others - all boat sales have been hampered by consumers cutting back on discretionary spending.

At Info-Link, we are frequently asked when the current situation will return to "normal." To be certain, marine retailing is undergoing the most dramatic changes we have seen since we started following and reporting on the boat market some 13 years ago.

Predicting future boat sales is a daunting task, due in large part to the discretionary nature of boating. In terms of prediction, the fact of the matter is that no one knows for sure when or if retail boating markets will function as they used to.

Obviously, a sustained return to higher new boat sales levels would require improved consumer confidence as well as improved access to both wholesale and retail credit. While, in our view, it is highly unlikely that this will be a "dog leg" turnaround, we did want to share with the industry one of the factors we are following as a leading indicator of improving conditions.

The chart that accompanies this article provides a more indepth look at the current dislocation in the new boat market, and more importantly, will ultimately provide an advance measure of when our current inventory situation begins to improve.

In terms of new boat sales, the left-hand axis plots the percentage change in unit sales (based on a three-month moving average) for all Info-Link reporting states. The right-hand axis plots the average days in inventory for vessels that were retailed during that period. The average days in inventory is calculated based on when the boat was built and when it was retailed to the end consumer.

Despite the fact that many manufacturers have curtailed production for some time now, this information indicates that the curtailments have not been sufficient. The average "days in inventory" has increased from a "normal" state somewhere between 200 and 250 days and contin-


On the left vertical axis, sales trends, noted by the blue line, are charted by percentage of growth on a quarterly basis, dating back to January of 2003. On the right vertical axis, noted by the red line, those units sold are charted by the number of days each unit (on average) had been in a dealer's inventory. Info-Link believes that monitoring the red line on this graphic may help the marine industry recognize when the turnaround in unit sales has begun.
ues to deteriorate, rising to more than 360 days through March 2009.
When the average age of retailed vessels reverses direction and begins to decline, we believe that it will be an early indicator that conditions are beginning to improve and that supply and demand are, in fact, coming back into balance. While history indictates that days in inventory fluctuates somewhat, given the very sharp deterioration over the last year and a half, a consecutive three-month downward trend in days in inventory should be sufficient to confirm that the industry has turned the corner.

The information in this chart contains data for all 15 -foot-plus aluminum and fiberglass power vessels. Market dynamics can vary substantially for individual boat brands, boat types and market segments, and this information can be broken down by performance for specific categories and brands.


[^0]:    $\left(^{*}\right)$ Includes the value of the trailer. $\left({ }^{* * * *)}\right.$ Includes the value of the flight control tower, extended pylon and LCS (launch control system ballast tanks).

[^1]:    Numbers are rounded and may not reflect, in some cases, the exact actual numbers.

[^2]:    Source: National Sporting Goods Association (NSGA)

[^3]:    Source: Info-Link; 305/661-3030; info@info-link.com

[^4]:    Source: NMMA 2008 Abstract

