



STATE BOARD OF EQUALIZATION  
 PROPERTY TAX DEPARTMENT  
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January 19, 2022

No. 2022/003

TO COUNTY ASSESSORS:

### VESSEL VALUATION FACTORS FOR LIEN DATE 2022

The attached vessel valuation factors and examples are for lien date 2022. These valuation factors may be applied to historic costs of vessels purchased during the 2021 calendar year, as appropriate, and to the 2021 lien date values for vessels that were previously determined by application of the State Board of Equalization (BOE) valuation factors.

Current data indicates that the average retail sale prices for powerboats, sailboats, and personal watercraft (jet skis) have all experienced a large appreciation in value as compared to last year. This may be largely due to the COVID-19 pandemic, where the popularity of outdoor boating activities has increased substantially and a decrease in production has caused the demand for vessels to exceed the supply.

While this large appreciation in value should not affect annual valuation factors for vessels that are already on the roll, it is important to note that when using first year valuation factors for newly enrolled vessels, the Assessor must take into consideration when the vessel was purchased during calendar year 2021. For example, if the vessel was purchased earlier in the year, then it may be appropriate to use the first year valuation factor when determining the value for the 2022 lien date, as the factor represents a full year of appreciation. However, if the vessel was purchased later in the year, using the first year valuation factor to determine the value for lien date 2022 may not be appropriate and may result in an overassessment.

The 2022 lien date valuation factor table includes categories for:

Powerboats  
     Inboard/Outboard/Stern Drive under 30'  
     Inboard/Outboard/Stern Drive 30' and over  
 Sailboats  
 Personal Watercraft (Jet Ski)

Based on data provided by County Assessors, the powerboat valuation factors were derived using the following types/makes of vessels:

Bass	Runabout	Utility Cruiser
Center Console	Sports Cruiser	Utility Runabout
Cruiser	Sports Fisher	Utility
Day Cruiser	Ski	Yacht
Fish and Ski	Sports Runabout	
Racer	Trawler	

The valuation factors are intended as a guide in the mass appraisal of vessels when determining value for property taxation purposes. However, relevant data pertinent to the assessment of specific property should always be reviewed and considered. We trust that the information presented will prove useful and promote uniformity in assessments.

As this is an annual study, your input and assistance are welcomed, so that we may provide you with the most representative and useful information possible.

If you have any questions regarding the vessel factors, please contact Mr. Dau Chieng at: [dau.chieng@boe.ca.gov](mailto:dau.chieng@boe.ca.gov) or 1-916-274-3435.

Sincerely,

/s/ David Yeung

David Yeung  
Deputy Director  
Property Tax Department

DY:pll  
Attachment

## VESSEL VALUATION FACTORS

### January 1, 2022 Lien Date

The valuation factors below may be applied to the prior year's assessed values or to reported costs of vessels purchased during the 2021 calendar year, as appropriate.

(See examples on following page.)

<b>POWERBOATS* – Inboard/Outboard/Stern Drive Under 30 Feet</b>	
First year valuation factor for new models purchased in 2021	1.22
Valuation factor for used models purchased in 2021	1.24
Annual valuation factor for all vessels currently on the roll	1.24
<b>POWERBOATS – Inboard/Outboard/Stern Drive 30 Feet and Over</b>	
First year valuation factor for new models purchased in 2021	1.21
Valuation factor for used models purchased in 2021	1.23
Annual valuation factor for all vessels currently on the roll	1.23

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|--|---|
| <ul style="list-style-type: none"> <li>*Bass</li> <li>Center Console</li> <li>Cruiser</li> <li>Day Cruiser</li> <li>Fish and Ski</li> <li>Racer</li> <li>Runabout</li> <li>Sports Cruiser</li> </ul> | <ul style="list-style-type: none"> <li>Sports Fisher</li> <li>Ski</li> <li>Sports Runabout</li> <li>Trawler</li> <li>Utility Cruiser</li> <li>Utility Runabout</li> <li>Utility</li> <li>Yacht</li> </ul> |
|--|---|

<b>SAILBOATS</b>	
First year valuation factor for new models purchased in 2021	1.20
Valuation factor for used models purchased in 2021	1.21
Annual valuation factor for all vessels currently on the roll	1.21
<b>PERSONAL WATERCRAFT (Jet Ski)</b>	
First year valuation factor for new models purchased in 2021	1.22
Valuation factor for used models purchased in 2021	1.25
Annual valuation factor for all vessels currently on the roll	1.25

### **Example 1**

A 36-foot powerboat was purchased used in 2009 for \$200,000. Trending the original historical purchase price and subsequent enrolled values by the valuation factors provided by the BOE for each year results in the following 2022 lien date value:

$$\$200,000 \times .80^1 = \$160,000 \text{ (2010 lien date value)}$$

$$\$160,000 \times 1.05^2 = \$168,000 \text{ (2011 lien date value)}$$

$$\$168,000 \times 1.00^3 = \$168,000 \text{ (2012 lien date value)}$$

$$\$168,000 \times .97^4 = \$162,960 \text{ (2013 lien date value)}$$

$$\$162,960 \times .86^5 = \$140,146 \text{ (2014 lien date value)}$$

$$\$140,146 \times .91^6 = \$127,533 \text{ (2015 lien date value)}$$

$$\$127,533 \times .93^7 = \$118,606 \text{ (2016 lien date value)}$$

$$\$118,606 \times .92^8 = \$109,118 \text{ (2017 lien date value)}$$

$$\$109,118 \times .98^9 = \$106,936 \text{ (2018 lien date value)}$$

$$\$106,936 \times 1.01^{10} = \$108,005 \text{ (2019 lien date value)}$$

$$\$108,005 \times .97^{11} = \$104,765 \text{ (2020 lien date value)}$$

$$\$104,765 \times 1.00^{12} = \$104,765 \text{ (2021 lien date value)}$$

$$\$104,765 \times 1.23^{13} = \$128,961 \text{ (2022 lien date value)}$$

### **Example 2**

A 28-foot powerboat was purchased new for \$300,000 during the 2021 calendar year. Trending the purchase price of this vessel by the appropriate BOE valuation factor results in the calculation of the following 2022 lien date value:

$$\$300,000 \times 1.22^{13} = \$366,000$$

<sup>1</sup> See Letter To Assessors 2010/004, *Vessel Depreciation Factors*.

<sup>2</sup> See Letter To Assessors 2010/076, *Vessel Valuation Factors*.

<sup>3</sup> See Letter To Assessors 2012/004, *Vessel Valuation Factors*.

<sup>4</sup> See Letter To Assessors 2013/009, *Vessel Valuation Factors*.

<sup>5</sup> See Letter To Assessors 2013/061, *Vessel Valuation Factors*.

<sup>6</sup> See Letter To Assessors 2014/064, *Vessel Valuation Factors*.

<sup>7</sup> See Letter To Assessors 2016/003, *Vessel Valuation Factors*.

<sup>8</sup> See Letter To Assessors 2016/048, *Vessel Valuation Factors*.

<sup>9</sup> See Letter To Assessors 2018/011, *Vessel Valuation Factors*.

<sup>10</sup> See Letter To Assessors 2019/004, *Vessel Valuation Factors*.

<sup>11</sup> See Letter To Assessors 2019/038, *Vessel Valuation Factors*.

<sup>12</sup> See Letter To Assessors 2021/005, *Vessel Valuation Factors*.

<sup>13</sup> See factor contained in this Letter To Assessors.