



Personal and Industrial Property Valuation Guidelines -- Trended Investment Method For January 1, 2024

If You Have Questions

For questions about these *Guidelines* or other personal and industrial property tax issues, contact:

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To access the *2024 Personal Property and Industrial Valuation Guidelines*:

- Go to the Department of Revenue's web site at www.dor.wa.gov.
- In the menu on the left select the *Taxes and rates* and then *Property tax*
- On that page select, under *Forms and publications* select *Property tax publications*.
- Scroll down and select either [Personal Property Tax Valuation Guidelines](#) or [Industrial Valuation Guidelines](#).
- Select *2024*.

Property Tax Division

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Valuation Tables – MS Excel Link



Double click on the MS Excel icon in the box below to access the “2024 Personal and Industrial Property Valuation Tables.”

In the link, you will find:

- 2024 Combined Tables (All)
- 2024 Trend I Table
- 2024 Trend II and III Tables
- 2024 Building and Land Improvements Table
- 2024 Title Plant (Supplemental B)
- Informational – 2024 Trend with Freeze
- Informational – Declining Balance Table



DOUBLE CLICK BELOW

“2024 Personal and Industrial Property Valuation Tables”



2024 Guideline
tables.xlsx

Purpose and Use of These Guidelines

The Department of Revenue (Department) publishes valuation guidelines to assist county assessor’s offices with estimating assessed values for tangible personal and industrial property. The Department recommends assessors consider the guidelines in the valuation process in order to promote and contribute to statewide uniformity and standardization for the assessment of personal property.

The guidelines are based on typical physical depreciation and functional obsolescence for assets that have been maintained in average condition. If the appraiser is aware of market conditions, or has other evidence, adjustments to the estimated market values can be made. When identified, the obsolescence should be considered separately. Data and information must be able to substantiate any excessive obsolescence not already considered in the indicators.

To use the guidelines:

*Step #1 – Find the class/type of property in the alphabetical index and note the indicated **Trend/Column** for that class/property type.*

*Step #2 – Find the corresponding **Trend/Column** the Index refers you to in the [Combined Table](#).*

*Step #3 – Using the **Combined Table**, locate the “percent good factor” at the intersection of the acquisition year row and the indicated table/column for the property being valued.*

Step #4 – Using the property owner’s personal property listing information; multiply the historical (or original) cost by the “percent good factor” to arrive at an estimated value as of January 1, 2024.

Example: Consider an Agricultural Tank (i.e. **Tanks** – Agricultural Tanks), **Purchased in 2014 for \$1,000**

Steps #1 & #2

- T -
Tanks
Agricultural Tanks 16
Beverage Canisters/Cylinders 10
(i.e., Pre-Mix Soda Pop)
Bulk Petroleum & Chemical B&LI / 6.5
CO2 Tanks/Cylinders (& Specialty Gasses) 10
Cryogenic Tanks (part of a M&E setting) 7.5
Gas Station Fuel Tanks B&LI / 6.5
Misc Tanks (i.e., above ground, non-com gas/oil) 16
Oxygen & Acetylene Tanks/Cylinders 10
Propane Tanks/Cylinders 12
Winery Tanks 7.5

Step #3

AGE	YEAR	Trend I	30.0%	24.0%	20.0%	19.0%	18.0%	16.0%	14.0%	12.0%	10.0%
Economic Life (Years)			5	6	7	8	8	9	11	13	15
1	2023	1.000	0.700	0.760	0.800	0.810	0.820	0.840	0.860	0.880	0.900
2	2022	1.068	0.523	0.617	0.684	0.701	0.718	0.754	0.790	0.827	0.865
3	2021	1.186	0.407	0.521	0.607	0.630	0.654	0.703	0.754	0.808	0.865
4	2020	1.248	0.300	0.416	0.511	0.537	0.564	0.621	0.682	0.748	0.819
5	2019	1.270	0.214	0.322	0.416	0.443	0.471	0.531	0.598	0.670	0.750
6	2018	1.306	0.154	0.252	0.342	0.369	0.397	0.459	0.528	0.606	0.694
7	2017	1.335	0.150	0.196	0.280	0.305	0.333	0.394	0.465	0.546	0.639
8	2016	1.352	0.150	0.150	0.227	0.251	0.276	0.335	0.405	0.486	0.582
9	2015	1.352	0.150	0.150	0.181	0.203	0.227	0.281	0.348	0.428	0.524
10	2014	1.369	0.150	0.150	0.150	0.166	0.188	0.239	0.303	0.381	0.477
11	2013	1.385	0.150	0.150	0.150	0.150	0.154	0.203	0.264	0.339	0.435
12	2012	1.409	0.150	0.150	0.150	0.150	0.150	0.171	0.231	0.304	0.398
13	2011	1.447	0.150	0.150	0.150	0.150	0.150	0.150	0.204	0.275	0.368
14	2010	1.471	0.150	0.150	0.150	0.150	0.150	0.150	0.178	0.246	0.337
15	2009	1.482	0.150	0.150	0.150	0.150	0.150	0.150	0.153	0.218	0.305

Step #4

Percent Good Factor x Historical Cost = Estimated Value

0.239 (or 23.9% Good) x \$1,000

\$239

Estimated Value for the 2024 Assessment Year

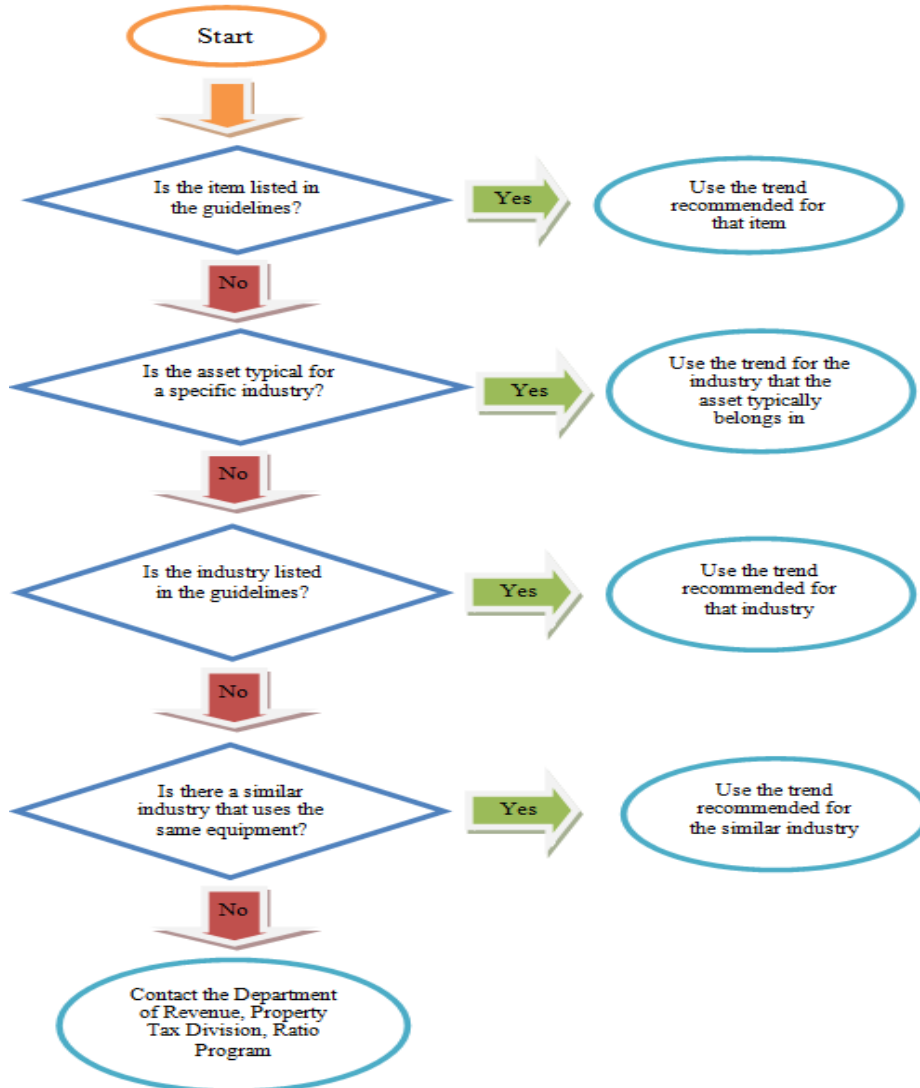
Note – The historical, or original costs, listed by the property owner need to include both hard and soft costs – such as interim financing during installation or construction, engineering, freight, installation, and any other costs necessary to put the equipment in to service. The only exclusion is sales (or use) tax, which is removed when valuing personal property.

Assets installed in a way that they become fixed to the real property, or their removal would cause significant damage to the real estate, might be regarded as real property. When valuing real property, sales (or use) tax should be included as a cost that adds value to the assets, except when there is a sales (or use) tax exemption that applies to qualifying manufacturing machinery and equipment as of the assessment date.

Determining the Appropriate Combined Trend Table

While the alphabetical index is comprehensive, instances occur when assets do not exist in the index. Therefore, use the following “*Decision Flow Chart*” as a guide to determine the appropriate combined trend table.

Decision Flow Chart



Minimum Value Percent Good Factors

Please note these guidelines are intended for estimating the value of property that is “in use.” The minimum value percent or factor is 15 percent, unless otherwise noted, as shown on the [Combined Table](#), and is intended to reflect the value of assets for as long as they are in use (*Fair Market Value In Continued Use*). For assets not in productive use (such as those in storage), freight and installation may be excluded from the cost basis to determine the value.

When the appraiser or auditor is aware of market conditions or other evidence (including, but not limited to, direction from court or board proceedings) to apply percent good factors below 15 percent, rates can be calculated and applied. Evidence must reflect the value in continued use at the retail trade level, as well as documented data and information must exist to substantiate a floor less than 15 percent.

Revisions and Clarifications to the 2024 Guidelines

Some “*Business Activity or Type of Business*” indexes may have been revised for 2024. The revisions provide clarification and update some terminology resulting from matters brought to the Department’s attention from stakeholders throughout the previous year. In some instances, revisions include updated studied industry information and available data. Revisions may also reflect, 1) advice the Department has provided for the assessment of particular equipment, 2) utilization of the best information available for the appropriate economic life, until additional information becomes available, or until further study of the equipment.

Additional Asset Valuation Topics

➤ **Specialized Tooling** used in the manufacturing of commercial airplanes, the following index can be utilized, taking into account guidance for specialized tooling unique to commercial airplane manufacturing that must be controlled for the lifetime of each commercial airplane model. Notably, FAA (*Federal Aviation Administration*) requires certification and inspection of specialized tooling used in the production of commercial airplanes for the entire lifecycle of the airplane program.

The term “tooling” here refers to articles of tangible personal property whether or not mechanized, including and similar to, but not limited to, dies, die blocks, fixtures, gages, molds, patterns, templates, jigs, and other manufacturing and inspection aids, specifically designed for use in manufacturing commercial airplanes or the components of commercial airplanes. Also, “tooling” encompasses an article(s) of tangible personal property, whether or not mechanized, that is part of a system that functions as a manufacturing and/or inspection aid if the article(s):

1. Is specifically designed for use in manufacturing commercial airplanes or components,
2. Cannot be used for purposes other than manufacturing commercial airplanes or components without substantial modification or alteration, and
3. Interacts with: a manufacturing or inspection aid, the system directly supporting such aids, or a commercial airplane or component worked on by the manufacturing or inspection aid.

For purposes of this section the terms “commercial airplane” and “component” have the meaning given to those terms in RCW 82.32.550. Additionally, the guidance applies only to the tooling noted above – and does not include other general tools, machining tools, non-tooling M&E, etc. used to manufacture commercial airplanes.

- ✓ To value *Specialized Tooling*, the commercial airplane manufacturer needs to provide a percent good factor for each airplane model manufactured, utilizing the formula below (from publicly available data). Apply that percent good to the applicable airplane model specialized tooling asset costs.

$$\% \text{ Good} = 1 \text{ minus } \frac{\text{Number of Planes Actually Delivered}}{\text{Number of Planes Ordered}}$$

To a Value - In - Use ("Floor") Percent Good of 5%

- Trend II/S table remains unchanged for respective business indexes. However, **Microchip Manufacturing M&E** “*Process Support Equipment & Piping,*” utilizes an “in use” (floor) value of 10 percent. Given limited application statewide, the actual table reflecting a 10 percent floor is below rather than included as part of the guidelines.

Microchip Manufacturing M & E		
Percent Good Indicators - For January 1, 2024		
Valuation		
AGE	YEAR	Trend II / S - 10% Floor
1	2023	0.850
2	2022	0.765
3	2021	0.654
4	2020	0.542
5	2019	0.442
6	2018	0.374
7	2017	0.313
8	2016	0.255
9	2015	0.208
10	2014	0.173
11	2013	0.139
12	2012	0.100
13	2011	0.100
14	2010	0.100
15	2009	0.100

- **Renewable Energy**, in 2022 SSB 5910 was passed, which required DOR to publish guidance, to advise county assessors when appraising renewable energy facilities to include a cost-based appraisal method and industry specific valuation tables for Solar, Wind, and Energy Storage. This bill was particular to renewable energy production of at least 1 megawatt of nameplate capacity and all other equipment and materials that comprise the property – but did not include equipment or materials attached to a single-family residence. The two new trend columns, one for utility-scale solar and wind generation (Trend RG) and one for utility-scale battery storage (trend RS) are included in the attached tables. The original cost reported to the county should be less any tax credits that are received based on the initial capital that was invested into the project.
- **Short-Term Rentals**, all property used to furnish and equip a short-term rental, also known as a vacation rental, is subject to Personal Property Tax. This includes all furnishings, décor, kitchen accessories/appliances, linens, towels, supplies, etc. The household goods and effects exemption allowed in RCW 84.36.110 does not apply to the property used in short-term rentals because of its commercial use. This is backed up by WAC 458-16-115(2)(c) which states that all personal property used for “any business or commercial purpose does not qualify for the household goods exemption.” Thus, property used to equip and outfit a motel, hotel, apartment, sorority, fraternity, boarding house, rented home, duplex, or any other premises not used by the owner for his or her own personal residence or place of abode does not qualify for this exemption.”

The owners of the short-term rental may still qualify for the Head of Family exemption if they meet the requirements that are also laid out in WAC 458-16-115. The property tax statutes do not have a minimum use or minimum rental length requirement so ANY short-term rentals of a property in a year would necessitate a personal property tax return needing to be filed in the year following the rental(s).

Suggesting Updates to the Guidelines

We continually invite input to the guidelines and attempt to incorporate suggested ideas when updating the guidelines, keeping in mind the needs of all stakeholders and users of the guidelines.

- *What needs to be fixed, added, or deleted in the Guidelines? Why? What do you recommend?*
- *Are there any guideline business activities in the indexes or tables that need to be revised? Why? What do you recommend, and what data can you provide to substantiate the revision?*
- *Are there any types of assets, or business activities, not listed in the index, that should be listed? If so, which ones? Why?*
- *Do you have data about any assets, business activity, or type of business that might help recalibrate an existing guideline?*

Please provide any data or studies you have, as it is useful as we consider the information for updating the guidelines in the future. If you have any additional questions or comments, please contact the Department at (425) 984-6455 or CoreyG@dor.wa.gov.

INDEX TO TRENDED INVESTMENT VALUATION INDICATORS

For January 1, 2024 Valuations

BUSINESS ACTIVITY OR TYPE OF BUSINESS

Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [XYZ](#)

	Trend/Column		Trend/Column
- A -		Agriculture	
Agricultural M&E (not otherwise listed below)	18	Aircraft Manufacturing (cont)	
Aquaculture & Commercial fishing		Small Tools	24
Nets	30	Specialized Tooling (see Additional Comments)	
Pens, Support Structures, Pots, traps, etc.	18	Aircraft Parts Manufacturing	
Combines, incl headers	16	M&E	14
Dairy Milking M&E	14	Small Tools	24
Feed Mill M&E (production line)	7.5	Test Equipment	24
Feed Mill M&E (portable)	12	Amusement Games	
Fertilizer & Chemical Applicators		Electric (non-video) Games (i.e. prize cranes, pinball, etc.)	24
Dry Fertilizer Spreaders	18	Manual-Type Games (i.e. pool tables, foosball tables, shuffleboard, etc.)	14
Orchard & Farm sprayers	18	Video Arcade Games (i.e. those with a video component, monitor, joystick, etc.)	Supplemental A
Sprayer attachments (booms, nozzles, etc.)	24	Antiques	Value at Cost
Hand-held / Backpack sprayers	24	Apartment F&F	16
Tanks	16	Appliances	19
Manure Systems - Liquid	24	Coin-Op Washer & Dryer	24
GPS (Steering/Guidance System)	24	Appliances (Household Type i.e., refrig., dishwasher, range/oven, microwave, washer/dryer, etc.)	19
Hay Equipment, Hay Tarps	18	Apparel Manufacturing M&E	8.5
Mint Stills & Tubs	18	Aqua Farms	(see Agriculture)
Irrigation Systems		Archery Equipment Manufacturing	12
Circles	18	Artwork (i.e. limited production)	Value at Cost
Gated Pipe	18	Décor (i.e. mass-produced)	Value by industry
Wheel Moves & Handlines	16	Assisted Living Facilities	
Orchard Wind Machines	12	Furniture & Fixtures	16
Seed Cleaning M&E (stationary)	7.5	Mattresses	30
Seed Cleaning M&E (portable)	12	Automotive Repair	
Tanks (agricultural)	16	Diagnostic Equipment (electronic)	24
Tractors	12	M&E	18
Unlicensed & Licensed Farm Vehicles including trailers (permanently sited and/or not primarily designed for use on public streets and highways; see PTA 6.2.2011 "Property Taxability of Motor Vehicles")	16	Small Tools	24
Air Compressors (freestanding-not part of prod. line)	16	Welding Equipment	12
Air Conditioning (single room unit)	16	Average Manufacturing M&E	7.5
Aircraft Manufacturing		- B -	
Aircraft Manufacturing – M&E	7.5	Bakeries	
Aircraft Manufacturing – small parts mfg.	14	Industrial (i.e., wholesale bake goods mfg)	8.5
Testing Equipment	24	Commercial (i.e., grocery store bakery)	12

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BUSINESS ACTIVITY OR TYPE OF BUSINESS

Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
Banks			
Alarm Systems	24		
ATM/Cash Machines	24		
Furniture & Fixtures	14		
Portable Safes or Vaults	10		
Safety Deposit Boxes	10		
Vault Doors	Value at Cost		
Barber & Beauty Shop	16		
Bars & Taverns	19		
Antique Back Bars	Value at Cost		
Baseboard Heater Manufacturing M&E	12		
Beer Kegs	10		
Billboards	<u>Supplemental A</u>		
Bleach Manufacturing M&E	7.5		
Bleach Packaging M&E	14		
Blinds, Drapes, Curtains, etc.	14		
Blueprinting, Photostatting, Mimeographing, & Lithograph (non-electronic)	16		
Boat Molds (fiberglass)	24		
Book Bindery	12		
Bottling & Soft Drinks Manufacturing M&E			
Beverage Canisters/Cylinders (i.e., Pre-Mix Soda Pop)	10		
CO2 Tanks/Cylinders	10		
Free standing, not part of a production line	14		
Part of production line	10		
Bowling Alleys			
Electronic Scoring Machines	24		
Lanes & F & F	12		
Pinsetters & Others M&E	19		
Brewing & Distilling	10		
Building & Land Improvements			
Building Classes C, D, or S	B&LI / 4		
Chemical Buildings	B&LI / 6.5		
Office/Job Shack Type Trailers—temporarily sited	16		
Prefabricated, Portables, or Modular Bldgs – permanently sited or fixed	B&LI / 6.5		
Long-lived Imprv's (asphalt paving, fencing, etc)	10		
Short-lived Imprv's (carpet, fixtures, etc.)	16		
Butcher Shops	12		
- C -			
CATV / SATV (Cable & Satellite Systems)			
Converters, Decoders, Digital Boxes	Trend II/B		
Distribution Equipment – electronic	Trend II/S		
Distribution Equipment – non-electronic	14		
CATV / SATV (Cable & Satellite Systems) (cont)			
Electronic Testing Equipment and Small Tools	24		
Headend Equipment – electronic	Trend II/S		
Headend Equipment – non-electronic	16		
Modems & Routers	Trend II/N		
Signal Receiving Equipment	12		
Television Production Equipment	19		
Cabinet Shop M&E	12		
Campground Equipment			
(i.e. BBQ, Picnic Table, Playground Equipment)	16		
Candy & Confection Manufacturing M&E	12		
Car Wash (i.e. 5 Min. & Coin-Op)	18		
Cash Machines	24		
Cash Registers & Peripheral Equipment			
(i.e. Scanners, Credit Card & Signature Devices)	24		
Casino Equipment			
F & F	19		
Game Type (F&F, i.e., blackjack table, roulette wheel, etc.)	19		
Video Type	24		
Cell/Wireless Telephone – Tower Only	7.5		
Cell/Wireless Telephone – Tower & Antenna	12		
Cell/Wireless Telephone – Antenna Only	24		
Cement, Clay, & Brick Products Mfg.	7.5		
Chainsaws	18		
Chemical Products Manufacturing	8.5		
Clothing Manufacturing	8.5		
Coin-Op Lockers	16		
Coin-Op Machines	24		
Computer Equipment			
Canned & Custom Software	<u>Supplemental A</u>		
Lotto Machines	30		
Mainframe/Network Computers	Trend II/N		
Disk Array and other Storage Devices,			
Network Servers, Rack Mounted Equipment			
Uninterruptable Power Supply (UPS),			
Wireless Routers, Switches, Access Pts, etc			
Personal Computers	Trend II/C		
Desktop, Laptop Computers, Tablets, etc.			
Docking Station, Computer Components			
Peripheral/Connected Hardware			
(e.g., scanner, printer, & multifunction)			
Cabling & Adapters (to local peripheral i.e.. minor cabling)	Trend II/C		
Permanently installed major network cabling	16		

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Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
Computer Equipment (cont)		- D -	
<i>Production Systems Computers (with direct electronic link to longer-lived equipment.)</i>	24	Dairy Milking M&E	14
<i>Server Racks</i>	18	Dairy Processing	10
<i>Wide Format Printer/Plotter</i>	24	Data Processing Equipment	30
<i>3-D Printers</i>	Trend III/MM	Day Care (excludes office, kitchen, & computer assets)	24
<i>3-D Printers (desktop)</i>	24	Décor (i.e. mass-produced)	Value by industry
Computer Numeric Controlled (CNC) Milling Machines, Lathes & Robotic Arms		Dental	
<i>(freestanding, not part of a production line & the CNC hardware component is integrated within the milling machine)</i>	Trend III/MM	<i>CAD/CAM dentistry equipment</i>	MM
Construction M&E		<i>Diagnostic Equipment (electronic)</i>	24
<i>Asphalt Plant Portable</i>	18	<i>Electronic equipment</i>	24
<i>Asphalt Plant Stationary</i>	12	<i>Equipment / Furniture & Fixtures</i>	14
<i>General Construction</i>	16	<i>Libraries</i>	12
<i>Land Clearing (i.e., backhoe, excavator crawler, grader, etc.)</i>	16	<i>X-Ray Equipment (Dental)</i>	18
<i>Marine Construction</i>		Department Store F&F	16
<i>Ships & Vessels (production line)</i>	7.5	Dies, Molds and Tooling	18
<i>Ships & Vessels (portable equipment)</i>	12	<i>Electronic Manufacturing</i>	24
<i>Pleasure Craft</i>	12	<i>Patterns</i>	24
<i>Boat Molds</i>	24	Digital Cameras and Recorders	Trend II/C
<i>Road Construction-Heavy (i.e., asphalt grinder, large off-highway truck, etc.)</i>	24	Dispensing Machinery (coin-op)	24
<i>Rock Crushing</i>		Distilling & Brewing	10
<i>Portable</i>	18	Doctor Offices & Health Clinics	
<i>Stationary</i>	12	<i>Electronic, diagnostic equipment</i>	24
<i>Sewer & Utilities</i>	16	<i>Equipment / Furniture & Fixtures</i>	14
<i>Unlicensed & Licensed Vehicles including Trailers (permanently sited and/or not primarily designed for use on public streets and highways; see, PTA 6.2.2011 "Property Taxability of Motor Vehicles")</i>	16	<i>Libraries</i>	12
<i>Well Drilling</i>	16	<i>X-Ray Equipment (Medical)</i>	12
Container Manufacturing M&E	7.5	Drapes, Curtains, Blinds, etc.	14
Convenience Store (see Grocery & Conv Stores/Gas St)		Drone (consumer level)	24
Coolers		Drug Store/Pharmacy F&F	16
<i>Box Coolers, Reach-in Coolers & Freezers</i>	16	<i>Med sorting machines</i>	24
<i>Walk-in Coolers & Freezers</i>	12	<i>Electronic machines, i.e. blood pressure</i>	24
Copy Machines (freestanding units)	30	Dry Cleaning & Laundry M&E	
Costumes (rental)	24	<i>Coin-Op</i>	24
Cranes		<i>Other than Coin-Op (excluding household type)</i>	14
<i>Bridge, Gantry, Jib, Tower, Container</i>	8.5	Dumpsters, Garbage	16
<i>Crawler</i>	10	E -	
Cranes (cont)		Electrical Generating	
<i>Mobile Telescopic</i>	16	<i>Gas & Diesel (portable)</i>	16
Curtains, Blinds, Drapes, etc.	14	<i>Solar Panels (Less than 1 Mega Watt)</i>	8.5
		<i>Steam & Gas fired (fixed equipment)</i>	7.5
		<i>Utility-Scale Wind Farm M&E</i>	RG
		<i>Utility-Scale Solar Farm M&E</i>	RG
		<i>Utility-Scale Battery Storage</i>	RS
		Electrical Manufacturing M&E	12
		Electric Vehicle (EV) Charging Stations	16
		Electronic Equipment	24
		Electronic Manufacturing M&E	24

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BUSINESS ACTIVITY OR TYPE OF BUSINESS

Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
Espresso Carts	24	GPS Receivers (<i>portable</i>)	30
Espresso Machines (<i>includes coffee grinders</i>)	19	Greenhouse & Nursery M&E	16
Extrusion M&E	12	Grocery & Convenience Stores / Gas Stations	
- F -		<i>Bakery (i.e., grocery store bakery department)</i>	12
Farm & Agricultural Equipment (<i>see Agriculture</i>)	(see Agriculture)	<i>Cash Registers, Scanners, Credit Card & Signature Devices</i>	24
Fax Machines	30	<i>Box Cooler, Reach-in Coolers & Freezers</i>	16
Feed Mill M&E (production line)	7.5	<i>Deli Equipment (incl. ice makers, dishwashers, salad bars)</i>	19
<i>Feed Mill M&E (portable)</i>	12	<i>Dispensers (gas)</i>	20
Fertilizer Manufacturing	7.5	<i>Fixtures & Equipment (e.g., electric carts, refrigeration, cases, tables)</i>	16
Fiberglass Molds	24	<i>Fuel Tanks</i>	B&LI / 6.5
Firearms (<i>rifle, pistol, etc.</i>)	16	<i>Meat Packing</i>	12
Fish Processing M&E (production line & portable)	12	<i>POS (Point of Sale computer systems)</i>	30
Fitness Equipment		<i>POS peripheral equip (scanners, pin pads, etc)</i>	24
<i>Electronic</i>	24	<i>Public Address & Background Sound Systems</i>	24
<i>Manual</i>	16	<i>Security Systems / Cameras / Fire Alarms</i>	24
Flour, Cereal & Grain Milling	7.5	<i>Walk-in Coolers & Freezers</i>	12
Food Processing		- H -	
<i>Candy & Confection Mfg M&E</i>	12	Hatchery M&E	16
<i>Coffee Mfg M&E (Industrial Roasters & Grinders)</i>	10	Health Spa / Day Spa Equipment	
<i>Coffee Mfg M&E (Packaging)</i>	12	<i>Manual</i>	16
<i>Frozen Food Processing M&E</i>	10	<i>Electronic</i>	24
<i>Fruit & Veg Processing M&E</i>	10	Hospitals	
<i>General Food Processing M&E</i>	10	<i>Diagnostic Equipment (CT, MRI, ultrasound, etc)</i>	24
<i>Meat Packing M&E</i>	12	<i>Electronic Equipment</i>	24
<i>Meat Processing (complex)</i>	8.5	<i>Equipment / Furniture & Fixtures</i>	16
<i>Potato Processing M&E</i>	10	<i>Laboratory Equip. (non-electronic)</i>	18
<i>Seafood Processing M&E</i>	12	<i>Laboratory Equip. (electronic & computerized)</i>	24
Forklifts	16	<i>Mattresses</i>	30
<i>Batteries and chargers</i>	16	<i>X-Ray Equipment</i>	12
Foundry	7.5	Hotels / Motels / Resorts	
Foundry Furnaces	6.5	<i>Furniture & Equipment (includes mattresses)</i>	19
Fraternal Lodges	14	<i>Office Equipment</i> (<i>see Office Equipment</i>)	19
- G -		<i>Restaurant & Bar Equipment</i>	30
Gambling Equipment		<i>Telephone Systems</i>	24
<i>Game Type (blackjack table, roulette wheel, etc.)</i>	19	<i>TVs, Game Consoles, DVD players, etc</i>	24
<i>Video Type (slot machines, etc.)</i>	24	- I -	
Game Consoles (Playstation, Wii, Xbox, etc.)	24	Ice Cream Cabinets	16
Garage M&E	18	Ice Making (industrial)	7.5
Garbage – Dumpsters	16	Iron & Steel Industry	7.5
Garbage – Plastic Waste & Recycle Containers	16		
Gas Stations (<i>see Grocery & Conv Stores/Gas St</i>)	(see Grocery & Conv Stores/Gas St)		
General Contractor M&E	16		
Generators (gas & diesel)	16		
Golf Course Equipment	18		
<i>Carts</i>	20		
<i>Tractors</i>	12		

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Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
- J -			
Janitorial Service Equipment	20	Meat Processing (Complex)	8.5
Jewelry Store F&F and Equipment	16	Metal Fabrication & Extrusion Mfg.	7.5
- K -			
Key Duplication Equipment	16	Metal Sheet Fabrication (production line)	7.5
- L -			
Laboratories		Metal Sheet Fabrication (not part of prod. line)	12
<i>Diagnostic</i>	24	Microchip Manufacturing M&E	
<i>Equipment (non-electronic)</i>	18	<i>Integrated Circuit Production M&E</i>	Trend II/B
<i>Equipment (electronic & computerized)</i>	24	<i>Printed Circuit Board M&E</i>	Trend II/B
Landscaping M&E	16	<i>Product Assembly M&E</i>	Trend II/N
Laundry & Dry Cleaning		<i>Process Support Equipment & Piping</i>	**Trend II/S
<i>Coin-Op</i>	24	<i>(**All Process Support Equip & Piping continue to depreciate to an "in use" (floor) value of 10%)</i>	
<i>Other Than Coin-Op (excluding household type)</i>	14	<i>Silicon Wafer Fabrication M&E</i>	Trend II/N
Leather Products Manufacturing M&E	8.5	Mining & Milling	8.5
Libraries (including law and other professions)	12	Mobile & Prefabricated Buildings	
Lift Trucks	16	<i>Office/Job Shack Type Trailers—temporarily sited</i>	16
Lottery Machines and Kiosks	30	<i>Prefabricated, Portables, or Modular</i>	B&LI / 6.5
Lumber & Wood Products		<i>Bldgs – permanently sited or fixed</i>	
<i>Corrugated & Paperboard Box Manufacturing</i>	8.5	Mobile Yard Equipment	16
<i>Logging M&E</i>	18	Mortuary Service Equipment	14
<i>Log Stackers</i>	18	Motels	(see Hotels /Motels)
<i>Pulp, Paper, & Paperboard Manufacturing</i>	7.5	Music Instruments -- Rental	24
<i>Plywood & Veneer Manufacturing</i>	8.5	Music Studio Recording Equipment	24
<i>Scarifying M&E</i>	18	Music Systems (background)	24
<i>Sawmills – Portable</i>	14	- N -	
<i>Sawmills - Stationary</i>	8.5	Neon Signs	19
- M -			
Machine Shop M&E		Newspaper M&E	14
<i>Computer Numeric Controlled (CNC)</i>		<i>Press</i>	10
<i>Milling Machines & Lathes</i>	Trend III/MM	<i>Photographic</i>	16
<i>Freestanding M & E</i>	12	<i>Computer (production)</i>	24
<i>Manual Milling Machines and</i>		Nursing Home	(see Assisted Living Facility)
<i>and Lathes (non-CNC)</i>	12	- O -	
<i>Production Line M&E</i>	7.5	Office Equipment	
Mailing Machines	20	<i>Antiques</i>	Value at Cost
Marijuana Equipment (Value by Type)		<i>Copy Machines</i>	30
<i>Production – consider “Greenhouse & Nursery</i>		<i>Electric & Electronic Machines</i>	24
<i>M&E” and “Agricultural”</i>		<i>Furniture & Fixtures</i>	14
<i>Processing – consider “Food Processing – General</i>		<i>Mailing Machines</i>	20
<i>Food Processing M&E”</i>		<i>Safes</i>	10
<i>Retail – consider “Retail Stores”</i>		<i>Sound Systems (background)</i>	24
Meat Packing M&E	12	<i>Water Coolers/Dispensers & Bottles</i>	19
P -			
		Oxygen & Acetylene Tanks	10
		PA (Public Address) Systems	24

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Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
Packing & Sorting M&E (fruit, vegetable, etc.)	12	Railroad Rolling Stock-Private (except logging cars)	12
<i>The following may be applied if owner can document costs to mechanical vs. electronic equipment:</i>		Railroad Car Conversions	16
<i>Mechanical portion of the line</i>	10	Refrigeration & Cold Storage	8.5
<i>Electronic portion of the line</i>	24	Rental Equipment	
Paint & Varnish Manufacturing M&E	12	<i>Costumes</i>	24
Pallets, Crates, Lugs, Bins, Etc.	18	<i>Public U-Rent (excluding Heavy Equipment)</i>	24
Pet Grooming & Boarding	16	<i>Rented Heavy Equipment</i> (Value by Type)	
Petroleum Products		<i>Rented Medical Equipment</i> (Value by Type)	
<i>Bulk Station Equipment</i>	14	<i>Telephones (Residential)</i>	30
<i>Petroleum (Bulk Storage) Tank</i>	B&LI / 6.5	<i>Tuxedos</i>	30
<i>Refining</i>	8.5	Research & Development M&E	20
<i>Service & Gas Station Equip (see Auto Repair and/or Grocery & Conv Stores/Gas St)</i>		Restaurants, Soda Fountains, & Drive-Ins	19
Photography Equipment	16	<i>Reach-in Coolers & Freezers</i>	16
<i>Computerized</i>	Trend II/N	<i>Walk-in Coolers & Freezers</i>	12
<i>Digital Cameras & recorders</i>	Trend II/C	Retail Stores	
<i>Electronic</i>	24	<i>Cash Registers, Scanners, Credit Card & Signature Devices</i>	24
<i>One Hour Photo Equipment</i>	16	<i>Furniture and Fixtures</i>	16
Plastic Manufacturing M&E	12	<i>Office F&F</i> (see Office Equipment)	
<i>Plastic Extrusion M&E</i>	12	<i>POS Computer Systems</i>	30
<i>Plastic Injection M&E</i>	12	<i>Public Address & Sound Systems (Background)</i>	24
Plumbing Shop Equipment	16	<i>Security Systems / Cameras / Fire Alarms</i>	24
Plywood & Veneer Manufacturing	8.5	<i>Sprinkler Systems</i>	16
Pool Hall Equipment	14	Rock Crushers (see Construction)	
Power & Generation M&E		- S -	
<i>Gas & Diesel (portable)</i>	16	Sawmills (see Lumber & Wood Products)	
<i>Solar Panels (Less than 1 Mega Watt)</i>	8.5	Scaffolding (including rental)	24
<i>Steam & Gas fired (fixed equipment)</i>	7.5	Search Lights	18
<i>Utility-Scale Wind Farm M&E</i>	RG	Security Systems/Cameras	24
<i>Utility-Scale Solar Farm M&E</i>	RG	Sewing Equipment	12
<i>Utility-Scale Battery Storage</i>	RS	Sewer Construction Equipment	16
Pressure Washers (i.e. portable)	16	Sheet Metal Fabrication (production line)	7.5
Printing & Publishing Equipment (see Newspaper)		Sheet Metal Fabrication (not part of prod. line)	12
Professional Equipment		Shipbuilding (see Construction)	
<i>Libraries</i>	12	Shipyards (see Construction)	
<i>Scientific, Doctors, Dentists, Etc.</i>	14	Shoes & Leather Products Mfg. M&E	8.5
Propane Tanks/Cylinders	12	Signs	
Pulp & Paper Manufacturing	7.5	<i>Bulletin Boards</i>	14
- R -		<i>Billboards, Poster Panels</i>	Supplemental A
Radio & Television Equipment		<i>Electronic</i>	16
<i>Broadcasting Equipment</i>	19	<i>Neon</i>	19
<i>CATV (cable system)</i> (see CATV/SATV Equip)		<i>Plastic Illuminated & Exterior Signage</i>	19
<i>Service & Repair Equipment</i>	19	Ski Areas	
<i>Towers</i>	12	<i>Snow Cats & Packers</i>	24
Radio Equipment (2-Way)	24	<i>Tows & Lifts</i>	7.5
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Use Trend I from Combined Table unless Trend II, Trend III, Supplemental A, or Supplemental B indicated

	Trend/Column		Trend/Column
Ski Manufacturing Equipment	12	Tuxedo Rentals	30
Small Tools	24	Toilets, Portable	14
Smelting	7.5		
Soft Drink Manufacturing M&E		- U -	
<i>Beverage Canisters/Cylinders (e.g., Pre-Mix Soda Pop)</i>	10	Upholstery Equipment	16
<i>CO2 Tanks/Cylinders</i>	10		
<i>Free standing, not part of a production line</i>	14	- V -	
<i>Part of production line</i>	10	Vehicles including Trailers	16
Sound Systems (background)	24	<i>(permanently sited and/or not primarily designed for use on public streets and highways; see PTA 6.2.2011 "Property Taxability of Motor Vehicles")</i>	
Surveying Equipment		Vending Machines	24
<i>Electronic</i>	24	Veterinarian	
<i>Other Survey M&E (non electronic)</i>	14	<i>Diagnostic Equipment (electronic)</i>	24
- T -		<i>Equipment, Furniture & Fixtures</i>	14
Tanks		<i>Kennels</i>	16
<i>Agricultural Tanks</i>	16	<i>Libraries</i>	12
<i>Beverage Canisters/Cylinders (i.e., Pre-Mix Soda Pop)</i>	10	<i>X-Ray Equipment</i>	12
<i>Bulk Petroleum & Chemical</i>	B&LI / 6.5	Videos (DVDs, Blu-ray Disc, etc)	Supplemental A
<i>CO2 Tanks/Cylinders (&Specialty Gasses)</i>	10	Video Arcade Games	<i>see Amusement Games</i>
<i>Cryogenic Tanks (part of a M&E setting)</i>	7.5	Video Cameras/Camcorders	24
<i>Gas Station Fuel Tanks</i>	B&LI / 6.5	Video Game Consoles (PlayStation, Wii, Xbox, etc.)	24
<i>Misc Tanks (i.e., above ground, non-com gas/oil)</i>	16		
<i>Oxygen & Acetylene Tanks/Cylinders</i>	10	- W -	
<i>Propane Tanks/Cylinders</i>	12	Warehouse Equipment	14
<i>Winery Tanks</i>	7.5	<i>Pallet Jacks (incl electric), hand trucks, etc.</i>	14
Tanning Salon Equipment	16	<i>Dock Bumpers</i>	16
Tattoo Parlor Machines	16	<i>Dock Levelers</i>	10
Tavern & Bar Equipment	19	<i>Pallets, Crates, Lugs, Bins, Totes, etc.</i>	18
<i>Antique Back Bars</i>	Value at Cost	<i>Production Systems Computers (with direct electronic link to longer-lived equipment.)</i>	24
Television & Radio Equip (<i>see Radio & Television</i>)		<i>Scales – platform, pallet, truck, etc.</i>	12
Television (for entertainment)	24	<i>Scales – freestanding electronic</i>	24
Telephones		<i>Thermal Label/Printers</i>	24
<i>Cellular</i>	Trend II/C	Water Coolers/Dispensers & Bottles	19
<i>Fax/Phone/Copier Units</i>	30	Water Softeners	14
<i>Rentals (commercial & residential)</i>	30	Water Systems (distribution, i.e. community)	12
<i>Systems (customer owned)</i>	30	Welding Shop Equipment	12
Textile, Tent & Awning Mfg. M&E	8.5	Well Drilling	16
Theatres / Movie & Cinema		Wind Turbines (Wind Farms) M&E	II/RG
<i>F&F</i>	18	<i>Utility Scale Battery Storage</i>	II/RS
<i>Digital Projection Equipment</i>	24	Winery Equipment – Production Line	
<i>Projection Equipment</i>	16	<i>(including tanks & bottling line)</i>	7.5
Time/Attendance Clocks	24	Winery Equipment– Portable (e.g., pumps)	14
Tire Recapping	14	<i>Aging Barrels</i>	Supplemental A
Title Plants	Supplemental B	<i>Innerstaves</i>	Supplemental A
Truck Scales (installed)	12		- Return to Index -

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	Trend/Column			Trend/Column
Wireless/Cell Telephone – Tower Only	7.5	- X -		
Wireless/Cell Telephone – Tower & Antenna	12	X-Ray Equipment (<i>other than Dental</i>)		12
Wireless/Cell Telephone – Antenna Only	24	X-Ray Equipment - Dental		18
Wholesale Store	14			
Woodworking Shops M&E	12			
				- Return to Index -

When valuing a manufacturing plant using the trended investment method and you do not see the plant specifically identified in the index, it is suggested that you use an Average Manufacturing M&E – 7.5 table.

SUPPLEMENTAL VALUATION TABLE 'A'

VIDEO ARCADE GAMES (Coin Operated) (Apply the following percent good to the un-trended historical cost.)		
Year 1	Year 2	Year 3 (or older)
60%	37%	20%

DVD VIDEOS, BLU-RAY VIDEOS, VIDEO GAMES, & VHS VIDEOS			
Value video rental inventories at retail trade level. Videos held exclusively for sale are exempt business inventory. The 2024 values are intended to reflect an average per video value for video rental inventory. Individual video values could be less for older ones or much more for new releases purchased just prior to assessment date.			
Year Placed in Service	DVDs	Blu-ray Disc	Video Games
2023	\$11	\$16	\$36
2022	\$7	\$10	\$22
2021 (or earlier)	\$3	\$4	\$9
Use of liquidation prices or volume purchases of videos, such as wholesale purchases, do not reflect retail trade level. Market value for videos must be greater than liquidation value or value established using volume/wholesale costs. <i>Value all VHS tapes at \$1 each.</i>			

WOODEN (Oak) WINE BARRELS AND INNERSTAVES (Apply the following percent good to the un-trended historical cost.)					
	Year 1	Year 2	Year 3	Year 4	Year 5 or more
Barrels (purchased for storage)	55%	25%	15%	8%	5%
Barrels (purchased for flavoring)	Exempt	Exempt	Exempt	Exempt	Exempt
Innerstaves (purchased for flavoring)	Exempt	Exempt	Exempt	Exempt	Exempt

BILLBOARDS & POSTER PANELS	
Type of Sign	Current Replacement Cost Per Lineal Foot
Unlighted	\$232
Externally Lighted	\$290
Internally Lighted	\$556

The above replacement costs include one support structure and one face. Multiple-faced signs should be adjusted to eliminate a support structure for each additional face as follows:	
Type of Sign	Deduction From Replacement Cost
Lighted / Unlighted 12 x 25'	\$1,852
Lighted / Unlighted 14 x 48'	\$4,667
Lighted / Unlighted 20 x 60'	\$7,223
For signs smaller than 12 x 25', use 40% of above deduction.	
DEPRECIATION – 4% straight line per year, based on effective age, up to 15% of replacement cost.	

TITLE PLANTS
(Value each title plant physically located within each county, including title plants for other counties.)
See 2024 Title Plant (Supplement B) valuation table for rates

COMPUTER SOFTWARE
The 1991 Legislature defined computer software and established valuation methods. Custom software is exempt. For the 2024 assessment year, canned software shall be assessed as follows:
<ul style="list-style-type: none"> • Canned software acquired in 2023 shall be valued at 100% of its full acquisition cost. • Canned software acquired in 2022 shall be listed at 100% and valued at 50% of its full acquisition cost. • All software, canned or custom, purchased in 2021, and, before is exempt. • Embedded software is taxable and shall be valued as an integral part of the computer system, machinery, or equipment in which it is housed, at the established life of the equipment.