



STATE OF WASHINGTON  
DEPARTMENT OF REVENUE

December 22, 2004

**TO:** All County Assessors

**FROM:** David M. Saavedra, Program Coordinator, and  
Neal R. Cook, MAI, Personal Property Specialist  
Property Tax Division

**SUBJECT: 2005 PERSONAL PROPERTY VALUATION GUIDELINES  
FOR ASSESSING PROPERTY AS OF JANUARY 1, 2005**

The 2005 Personal Property Valuation Guidelines consist of this memo and the following documents:

- *Index to Personal Property Valuation Indicators*
- *Supplemental Valuation Table A*
- *Supplemental Valuation Table B (Title Plant Valuation Table)*
- *Combined Table*
- *Supplemental Valuation Table P*
- *Depreciation Table – Percent Good Factors (without trend)*

**Changes to the Guidelines for 2005**

- **Industrial Property now valued using Personal Property Guideline Tables**
  - Bottling & Soft Drinks Manufacturing M&E .....10
  - Brewing & Distilling.....10
  - Dairy Processing.....10
  - Extrusion M&E.....12
  - Food Processing
    - General Food Processing M&E* .....10
    - Frozen Food Processing M&E*.....10
    - Fruit & Veg. Processing M&E* .....10 (*not Packing & Sorting*)
    - Potato Processing M&E* .....10
    - Seafood Processing M&E*.....12
  - Plastic Extrusion M&E .....12
- **Changes to Valuation Rates**
  - Computers.....27 (Trend II) from 33
  - Copy Machines .....24 from 28
  - Digital Cameras & Recorders .....27 (Trend II) new
  - Network Computers & Servers.....25 (Trend II) from 30 Trend I
  - Notebooks & Laptops .....27 (Trend II) from 33

Property Tax Division

P O Box 47471 ♦ Olympia, Washington 98504-7471 ♦ (360) 570-5900 ♦ Fax (360) 586-7602

VCRs.....	24 from 28
Video Tapes and DVDs .....	24% of Documented Cost or \$12 from \$11

- **Changes to Industrial Valuation Rates**
  - Bakeries from 7.5 to 8.5
  - Foundries from 7.5 to 4.5 (correction of typographical error)
  - Meat Processing (Complex) from 7.5 to 8.5

### **Purpose and Use of These Guidelines**

These valuation indicators are published as a guide to assist counties in estimating 2005 assessed values for tangible personal property. The indicators may also be used to estimate the value of real property when machinery and equipment (M&E) is affixed to real property. Do not use these guidelines for industries and property having specific guidelines and trends contained in the **Industrial Valuation Guidelines**. The Department of Revenue recommends that these guidelines be considered in the valuation process in order to promote and improve statewide uniformity and standardization in the assessment of personal property.

To use these guidelines:

1. Find the class or type of property in the alphabetical Index.
2. Find the trend table and column the Index refers to in the Combined Table.
3. Locate the 'percent good factor' at the intersection of the acquisition year row and the rate column.
4. Multiply the historical or original cost by the 'percent good factor' to get an estimated value as of January 1, 2005. The historical or original cost listed by the taxpayer should include freight and installation, plus trade-in value, and any other cost related to putting the equipment into service, excluding sales tax.

The historical or original costs include both hard and soft costs (such as interim financing during installation or construction, engineering, freight, and installation) and are to be included as a part of the cost to which the factors are applied. The only exclusion is that the sales or use tax is removed when valuing personal property. Should assets be installed in such a way that they become fixed to the real property or their removal would cause significant damage to the real property, the assets should be regarded as real property. As real property, the sales 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.**

### **20 Percent Minimum Value In Use Percent Good Factors**

Please note that we intend the application of these guidelines to estimate the value of property that is "in use." The minimum value percent or factor is 20 percent, unless otherwise noted, as shown on the *Combined Table* and is intended to reflect the value of assets in use for as long as they are in use.

### **Exceptions to 20 Percent Minimum Value**

When the appraiser or auditor is aware of market conditions or has other evidence (including but not limited to direction from court or board proceedings) to apply percent good factors below 20 percent, rates can be calculated and applied. Evidence must reflect the value in continued use at the retail trade level.

### **Computers & Peripherals and Microchip Manufacturing M&E**

When deemed appropriate, percent good factors that are less than the rates listed on the Combined Table may be applied. Most of the columns indicate a minimum value of 20 percent good. However, the Computers & Peripherals and Microchip Manufacturing M&E columns with declining balance rates greater than 15 percent do go below the 20 percent minimum. Computers & Peripherals (including digital cameras and recorders) decline to 2 percent good, and two of the Microchip Manufacturing M&E categories decline to 5 percent good. Also Network computer equipment and Mainframes are now valued using the 25 percent Trend II table, which declines to 5 percent good.

### **Packing and Sorting Machinery & Equipment**

In the 2002 tables, several columns went below 20 percent: 24 percent, 12 percent, and 10 percent for Packing and Sorting M&E. In order to better illustrate this schedule, we have created a supplemental table for Packing and Sorting M&E entitled **Supplemental Valuation Table P**. As shown in that table, Packing and Sorting M&E has a minimum percent good of 10 percent. For assets other than Packing and Sorting M&E, Computers & Peripherals, and Microchip Manufacturing M&E, a minimum rate of 20 percent is recommended.

### **Additional Considerations**

If a percent good factor lower than the minimum percent good factor is deemed appropriate, a factor may be calculated by multiplying each sequential year preceding the 20 percent floor year by “1 minus the depreciation rate.”

Sample Calculations: Referring to the 2005 Personal Property Trend I Table, an asset acquired in 1993 for which a 16% depreciation rate is recommended would be calculated by multiplying sequential year preceding the “20 percent floor year,” 1996 in this case, by  $(1 - 16\%)$ , or 84%, until the appropriate acquisition year is reached, 1993 in this case. Therefore, 1995 would equal the 1996 rate of 22.2% multiplied by 84%, or 18.6%; 1994 would equal the 1995 rate of 18.6% multiplied by 84%, or 15.6%; and 1993 would equal the 1994 rate of 15.6% times 84%, or 13.1% (rounded).

### **Items Marked with Asterisks**

The Personal Property Valuation Indicators may not be applicable in all instances in achieving the statutory mandate of 100 percent true and fair value. These valuation indicators are published as a guide in estimating market value, but they do not include any consideration for abnormal or extraordinary obsolescence that may be relevant in specific circumstances or

markets. When unique situations are identified, these factors should be considered separately and in addition to the value indications of the tables. Based on information available to the Department at the time these tables were published, property classes listed in the *Index* which may require special consideration due to abnormal or extraordinary circumstances have been noted with a **single asterisk (\*)**.

It is our opinion that the properties in the Index with a **double asterisk (\*\*)** are best valued in their entirety using the **Industrial Valuation Guidelines**.

For properties with a **triple asterisk (\*\*\*)**, use the 7.5 percent column. This indicates the existence of more complex issues, such as determining which components are personal property, real property, or machinery & equipment that should be valued by using the 7.5 percent column from the **Personal Property Tables** or the **Industrial Valuation Tables**. The determinations made in using either table require the appraiser's or auditor's professional judgment and are based on the use and expected economic life of the equipment. Physical inspection of this machinery and equipment is highly recommended.

### **Recent Changes in the Guidelines Affecting 2005 Assessments**

We've made several other changes to the *Index to Personal Property Valuation Indicators* for 2005. These changes are based on internal Department studies, surveys, table and rate calibration analysis, and category reviews. In some cases, the previous recommendations are verified or confirmed as appropriate, and no change is recommended.

The most significant change in recent years is the inclusion of two different trend factors, **Trend I** and **Trend II**, on the *Combined Table* and a "percent good" table that excludes any trend. These changes occurred in 2002 and were significant enough to repeat the 2002 explanation of those changes.

The *Combined Table* includes percent good and trend (Trend I) factors as developed in the past. However, the far right columns recommend the use of a different trend, Trend II, and column rate for Personal Computers and Peripherals, Network Computers, and Microchip Manufacturing M&E.

The **Trend II** factors are intended for use in valuing any asset or asset group in which the replacement or reproduction cost new (RCN) has declined from what it had been in past years. This includes, but may not be limited to, Computers and Peripherals, Laptops & Notebooks, Network Computers & Servers, Printed Circuit Board M&E, Silicon Wafer Fabrication M&E, Microchip Manufacturing Industry Product Assembly, and Process Support Equipment.

In order to utilize **Trend II**, the auditor or appraiser MUST determine that replacement or reproduction cost (RCN) of the property being appraised has been declining at a rate similar to that shown in **Trend II**. (See Trend II column for *Computers and Peripherals* and *Microchip*

*Manufacturing M&E.*) When the appropriate trend factor, **Trend I** or **Trend II**, is determined, the economic life of the asset must be estimated without regard to additional obsolescence factors. The *Combined Table* includes a row that shows the economic life applicable to each of the columns. Select the life that is most appropriate for the asset and utilize the percent good factor from the corresponding column and row to determine the estimated value. Extraordinary obsolescence that can be documented may be deducted from the value estimate to arrive at the market value. **Do not use Trend II to estimate the value of an asset when the cost of replacing the asset with a new asset is greater than it was in prior years. Only assets that have had a declining cost new may be valued using Combined Table Trend II. This Trend MUST NOT be used as a means to reduce the value because of any form of obsolescence other than a decline in the RCN.**

**Trend II** may also be applied to **Spare Parts for Computer and Microchip Manufacturing Equipment**. When the RCN of these parts is declining, the reduction in value should be recognized in the appraisal process. The historical cost times the trend factor will reduce the value from year to year due to the declining nature of the trend.

### **Valuation Studies and Changes to Guidelines**

Studies completed for the effective date of January 1, 2005, include copy machines, desktop computers and laptop/notebook computers, networks and mainframes, and digital cameras. **Supplemental Valuation Tables A & B** are pages 7-8 of the *Index* for video arcade games, wine barrels, video tapes, laser disks and DVDs, billboards and poster panels, title plants, and computer software. We have updated all supplemental valuation tables except the table for wine barrels.

#### **Changes to *Index*:**

- A study of desktop personal computers and laptop/notebooks determined a rate change from 33 percent to 27 percent, based on *Winter 2004 Orion Blue Book* prices for used equipment vs. MSRP.
- A study of network computers, mainframes, and servers determined a change from TREND I 30 percent to TREND II 25 percent for 2005.
- A study of copy machines determined a rate change from 28 percent to 24 percent, based on the *Winter 2004 Orion Blue Book* for used equipment vs. MSRP.
  - \* Please note: Because Xerox provides replacement cost new data, their accounts will continue to be valued using 24 percent no trend.
- A study of nearly 2000 digital cameras based on the *Winter 2004 Orion Blue Book* price vs. MSRP yields a rate of 27 percent Trend II and should be applied to digital camcorders as well.

## Questions & Answers

We were asked to clarify and define some terms used in these Guidelines. The following is a series of questions and answers pertaining to Electrical Manufacturing M & E, Electronic Manufacturing Equipment, and CNC devices. Although the content of the Q & A is not specifically a change to the guidelines for 2005, a new understanding may change the way the guidelines are applied by some users.

- Q.** The 2001 assessment year had indicators for Electrical Mfg. M&E and Electronic Mfg. Equip. What is the difference between the two?
- A.** We inadvertently deleted Electronic Manufacturing Equipment from the *Index* when we added the Microchip Manufacturing equipment a few years ago. The 2005 *Index* adds back the category so that it now reads as follows:

<b>Electrical Manufacturing M&amp;E</b>	<i>12</i>
<b>Electronic Equipment</b>	<i>24</i>
<b>Electronic Manufacturing Equipment</b>	<i>24</i>

- Q.** That's pretty clear, but how about a definition of Electrical Manufacturing M&E?
- A.** **Electrical Manufacturing M&E** is equipment that is used in the manufacturing of "electrical equipment." Things like toasters, radios, televisions, clocks, and other devices that use electricity to operate but are NOT "high tech" in nature.

**Electronic Manufacturing Equipment**, on the other hand, is used to manufacture items that have what some would call integrated circuitry (high tech). These items change often with technological advances. Examples include cell phones, PDAs, and computers, but exclude chip manufacturing equipment. Printed circuit boards would also be an example of "electronic equipment" manufactured by Electronic Manufacturing Equipment.

Electronic manufacturing equipment is the machinery that manufactures the product and that product is one that becomes obsolete quickly. This often makes the manufacturing equipment obsolete quickly too, hence the shorter life. Also this manufacturing equipment does not tend to have separate computer numeric control (CNC) units; it is all in one unit so the entire unit must be replaced when obsolete. You can't just update the CNC component.

- Q.** CNC equipment both runs on electricity and is computerized. From your statement it appears that all CNC equipment should now be a 24 schedule. Correct?
- A.** Wrong. The confusion comes from other computer-controlled equipment used in manufacturing to control heavy equipment that has a longer life than the computer equipment itself. Here we assign the same life to all the components as one economic unit,

the life of the machinery, not the life of the computer component. Machines valued using the 7.5 percent table often include computerized components but they are really just part of the same machine so we apply the same table to the whole (7.5 percent).

The 24 percent table is for equipment that is used to make electronic equipment and components where the equipment has a relatively short economic life and does not control other equipment.

**Q.** How does this relate to CNC Milling Machines?

**A.** A **milling machine** is a machine used for the complex shaping of metal (or possibly other materials). Milling machines can perform such operations as cutting, planing, drilling, routing, etc. They can be either manually controlled (table 12) or Computer Numerically Controlled (CNC) (table 14) and are not part of production lines, but they are associated with machine shops.

CNC milling machines or machine shop equipment are valued using the 14 percent table. Machine shop equipment without a CNC component is valued using the 12 percent table. Equipment used to manufacture electrical equipment with a CNC component are valued the same as the equipment or the production line, table 12 or 7.5. Electronic manufacturing equipment with or without CNC component are valued using the 24 percent table because the equipment becomes obsolete quickly.

**Q.** What about Production Systems Computers with links to longer lived equipment?

**A.** When this type of equipment is purchased separately from the longer lived equipment, it may be valued using a shorter life table, probably the 24 percent table. However, allocation of the purchase of the longer lived equipment to separate out the production systems computers should not be a basis to value those assets in this way. When these assets are part of a single unit with a longer life, they should be valued at the longer life.

### **Videotapes and Property Held or Owned for Short-Term Rental**

Videotapes and all other rental or assets rented for less than 30 days at a time are to be valued at their retail value (retail trade level). These may be new or used assets held for rent. For the 2005 assessment year, we are still recommending a value of 24 percent of the original cost—requires an itemized list, not just a lump sum—otherwise, use \$12.00 per tape or disk. Both methods disregard the acquisition year.

### If You Have Questions

Any questions regarding these guidelines or other personal property tax issues may be directed to:

<b>Name</b>	<b>Title</b>	<b>Phone Number</b>	<b>E-Mail Address</b>
Neal Cook	Personal Property Specialist	(360) 570-5881	<a href="mailto:NealC@dor.wa.gov">NealC@dor.wa.gov</a>
Anja Pangborn	Personal Property Auditor	(360) 570-5883	<a href="mailto:AnjaP@dor.wa.gov">AnjaP@dor.wa.gov</a>

The **Personal Property Valuation Guidelines** are posted on the Department's web site at [www.dor.wa.gov](http://www.dor.wa.gov). The Indicators can be accessed by clicking the on **Taxes** tab at the top of the screen, on **Property** on the left-hand side of the screen under Washington Taxes, and then on **Publications**. Choose the **Personal Property Valuation Guidelines**, and select tables for 2005. The Guidelines are available in PDF format.

DMS/NRC:pjb  
Enclosures

**INDEX TO  
PERSONAL PROPERTY VALUATION INDICATORS**  
*For January 1, 2005 Valuations*

**BUSINESS ACTIVITY OR TYPE OF BUSINESS**

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
- A -			
<b>Agriculture</b>		<i>Diagnostic Equipment (Electronic)</i>	24
<i>Aqua Farms</i>		<i>M&amp;E</i>	18
<i>Nets</i>	30	<i>Small Tools</i>	24
<i>Pens &amp; Support Structures</i>	18	<i>Welding Equipment</i>	12
<i>Dairy Milking M&amp;E</i>	14	- B -	
<i>Feed Mill M&amp;E (production line)</i>	*** 7.5	<b>Bakeries</b>	
<i>Feed Mill M&amp;E (portable)</i>	12	<i>Industrial (i.e., Wonder Bread)</i>	** 8.5
<i>Seed Cleaning M&amp;E</i>	*** 7.5	<i>Commercial (i.e., Safeway)</i>	12
<i>Seed Cleaning M&amp;E (portable)</i>	12	<b>Banks</b>	
<i>Fertilizer Applicators &amp; Manure Systems-Liquid</i>	24	<i>Alarm Systems</i>	24
<i>Dry Fertilizer Applicators</i>	18	<i>Cash Machines</i>	24
<i>Tanks</i>	16	<i>Furniture &amp; Fixtures</i>	14
<i>M&amp;E (Excluding Tractors &amp; Dairy)</i>	18	<i>Video Equipment</i>	24
<i>Mint Stills &amp; Tubs</i>	18	<i>Safety Deposit Boxes</i>	10
<i>Hay Equipment, Hay Tarps</i>	18	<i>Vault Doors</i>	(Value at Cost)
<i>Irrigation Systems</i>		<b>Barber &amp; Beauty Shop</b>	16
<i>Circles</i>	18	<b>Baseboard Heater Mfg. M&amp;E</b>	12
<i>Gated Pipe</i>	18	<b>Beer Kegs</b>	10
<i>Wheel Moves &amp; Handlines</i>	16	<b>Billboards</b>	(See Signs)
<i>Tractors</i>	12	<b>Bleach Mfg. M&amp;E</b>	** 7.5
<i>Combines</i>	20	<b>Bleach Packaging M&amp;E</b>	14
<i>Unlicensed and licensed Farm Vehicles including Trailers</i>		<b>Blueprinting, Photostatting, Mimeographing &amp;</b>	
<i>(permanently sited and/or not primarily designed for use</i>		<b>Lithograph (Non-electronic)</b>	16
<i>on public streets and highways)</i>	16	<b>Boat Molds (Fiberglass)</b>	22
<b>Air Conditioning (Single Room Unit)</b>	16	<b>Book Bindery</b>	12
<b>Aircraft Manufacturing M&amp;E</b>	*** 7.5	<b>Bottling &amp; Soft Drinks Mfg. M&amp;E</b>	10
<i>Aircraft Manufacturing (small parts mfg.)</i>	14	<b>Bowling Alleys</b>	12
<i>Testing Equipment</i>	24	<i>Electronic Scoring Machines</i>	24
<i>Small Tools (Perishable)</i>	24	<i>Pinsetters &amp; Others</i>	19
<i>Patterns</i>	24	<b>Brewing &amp; Distilling</b>	10
<b>Aircraft Parts Manufacturing</b>		<b>Butcher Shops</b>	12
<i>M&amp;E</i>	14	- C -	
<i>Test Equipment</i>	24	<b>C.A.T.V. &amp; S.A.T.V. Equipment</b>	
<i>Small Tools</i>	24	<i>Signal Receiving Equipment</i>	12
<b>Amusement Devices (Music Machines, Etc.)</b>	24	<i>Distribution Equipment</i>	14
<i>VCRs</i>	24	<i>Headend Equipment</i>	16
<i>Video Games</i>	Supp. A	<i>Converters, Decoders, Digital Boxes, Modems</i>	30
<i>Video Tapes</i>	Supp. A	<i>Electronic Testing Equipment and Small Tools</i>	24
<b>Antique F&amp;F</b>	(Value at Cost)	<i>Television Production Equipment</i>	19
<b>Apartment F&amp;F</b>	16	<b>Cabinet Shop M&amp;E</b>	12
<b>Apparel Mfg. M&amp;E</b>	8	<b>Campground Equipment</b>	16
<b>Aqua Farms</b>		<b>Candy &amp; Confection Mfg. M&amp;E</b>	12
<i>Nets</i>	30	<b>Car Wash (5 Min. &amp; Coin-Op)</b>	18
<i>Pens &amp; Support Structures</i>	18	<b>Cash Machines</b>	24
<b>Archery Equipment Mfg.</b>	12	<b>Cash Registers &amp; Scanners</b>	24
<b>Artwork</b>	(Value at Cost)	<b>Cell/wireless telephone tower (tower only)</b>	**7.5
<b>Auto Repair</b>	(also see Service Stations)		

# INDEX TO PERSONAL PROPERTY VALUATION INDICATORS

For January 1, 2005 Valuations

---

## BUSINESS ACTIVITY OR TYPE OF BUSINESS

---

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
Cell/wireless telephone tower (with antennae)	12	Coolers (walk-in)	12
Cell/wireless telephone antennae (antennae only)	24	Copy Machines (Purchased)	24
Cement, Clay & Brick Products Mfg.	** 7.5	Costumes (Rental)	24
Chemical Products Mfg.	** 7.5	Cranes	
Clothing Mfg.	8	Bridge	8
Cocktail Bars & Taverns	19	Container	*8
Antique Back Bars	(Value at Cost)	Crawler	10
Coin-Op Lockers	16	Mobile Telescopic	16
Coin-Op Machines	24		
Computer Systems (Business)		- D -	
Lotto Machines	30		
Main Frame Computers, Disk Array and other Storage Devices, and Network servers	Trend II/25	Dairy Milking M&E	14
Personal Computers (Including desktop and/or laptop computers and peripheral/connected hardware. E.g. Scanner, printer and multifunction digital printer/scanner/fax machine combo., Etc.)	Trend II/27	Dairy Processing	10
Canned Software	Supp. A	Data Processing Equipment	30
Custom Software	Supp. A	Day Care (Exclude office, kitchen & computer assets)	22
Production Systems Computers (with direct electronic link to longer lived equipment.)	24	Dental	
Computer Numeric Controlled (CNC) Milling Machines (free-standing machine shop equip.)	14	Equipment	14
Construction M&E		Furniture & Fixtures	14
Cranes		Libraries	12
Bridge	8	X-Ray Equipment	18
Crawler	10	Department Store F&F	16
Mobile Telescopic	16	Dies & Molds	18
General Construction	16	Electronic Mfg.	24
Asphalt Plants		Patterns	24
Portable	18	Digital Cameras and recorders	Trend II/27
Stationary	12	Dispensing Machinery (Coin-Op)	24
Land Clearing		Distilling & Brewing	10
backhoe, excavator, bull dozers, Etc.	16	Doctors	
Unlicensed and licensed Vehicles including Trailers (permanently sited and/or not primarily designed for use on public streets and highways)	16	Equipment	14
Marine Construction		Furniture	14
Ships & Vessels (production line)	*** 7.5	Libraries	12
Ships & Vessels (portable equipment)	12	Diagnostic Equipment (CT, MRI, Ultrasound, Etc.)	24
Pleasure Craft	12	X-Ray	12
Boat Molds	22	Drug Store F&F	16
Road Construction (Heavy)	22	Dry Cleaning & Laundry M&E	
Rock Crushing		Coin-Op	24
Portable	18	Other Than Coin-Op	14
Stationary	12	Dumpsters, Garbage	16
Sewer & Utilities	16		
Well Drilling	16	- E -	
Container Mfg. M&E	** 7.5	Electrical Generating	
		Gas & Diesel	16
		Steam	** 7.5
		Electrical Manufacturing M&E	12
		Electronic Equipment	24
		Electronic Manufacturing M&E	24
		Microchip Manufacturing M & E	
		Printed Circuit Board M&E	Trend II/30
		Silicon Wafer Fabrication M&E	Trend II/25

**INDEX TO  
PERSONAL PROPERTY VALUATION INDICATORS**  
*For January 1, 2005 Valuations*

**BUSINESS ACTIVITY OR TYPE OF BUSINESS**

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
<i>Product Assembly M&amp;E</i>	<i>Trend II/25</i>	<i>Cash Registers &amp; Scanners</i>	24
<i>Process Support Equipment &amp; Piping</i>	<i>Trend II/15</i>	<i>Fixtures &amp; Equipment</i>	16
<b>Espresso Carts</b>	24	<i>Meat Packing</i>	12
<b>Extrusion M&amp;E</b>	12	<i>POS (Point of Sale Computer Systems)</i>	30
<b>- F -</b>		<i>Walk-in Coolers</i>	12
<b>Farm Equipment</b>	<i>(See Agriculture)</i>	<b>- H -</b>	
<b>Fax Machines</b>	30	<b>Hardware Store F&amp;F</b>	16
<i>Fax/Phone/Copier Units</i>	30	<b>Hatchery M&amp;E</b>	16
<b>Feed Mill M&amp;E (production line)</b>	*** 7.5	<b>Health Spa Equip.</b>	
<b>Feed Mill M&amp;E (portable)</b>	12	<i>Manual</i>	16
<b>Fertilizer Applicators</b>	24	<i>Electronic</i>	24
<b>Fertilizer Mfg.</b>	** 7.5	<b>Hospitals</b>	
<b>Fiberglass Molds (other than boats)</b>	22	<i>Equipment</i>	16
<b>Fish Processing M&amp;E (production line &amp; portable)</b>	12	<i>Diagnostic Equipment (CT, MRI, Ultrasound, Etc.)</i>	24
<b>Fitness Equipment</b>		<i>Laboratory Equip. (Non electric)</i>	18
<i>Manual</i>	16	<i>Laboratory Equip. (Electronic &amp; Computerized)</i>	24
<i>Electronic</i>	24	<i>Mattresses</i>	30
<b>Flour, Cereal &amp; Grain Milling</b>	** 7.5	<i>X-Ray</i>	12
<b>Food Processing</b>		<b>- I -</b>	
<i>General Food Processing M&amp;E</i>	10	<b>Ice Cream Cabinets</b>	16
<i>Frozen Food Processing M&amp;E</i>	10	<b>Ice &amp; Refrigeration Machinery</b>	** 7.5
<i>Fruit &amp; Veg Processing M&amp;E (not Packing &amp; Sorting)</i>	10	<b>Iron &amp; Steel Industry</b>	** 7.5
<i>Meat Packing M&amp;E</i>	12	<b>- J -</b>	
<i>Meat Processing (Complex)</i>	**8.5	<b>Janitorial Service Equipment</b>	20
<i>Potato Processing M&amp;E</i>	10	<b>Jewelry Store F&amp;F and Equip.</b>	16
<i>Seafood Processing M&amp;E</i>	12	<b>- K -</b>	
<b>Forklifts</b>		<b>Key Duplication</b>	16
<i>Inside</i>	14	<b>- L -</b>	
<i>Outside</i>	16	<b>Laboratories</b>	
<b>Foundry</b>	** 4.5	<i>Diagnostic</i>	24
<b>Fraternal Lodges</b>	14	<i>Equipment (Non electric)</i>	18
<b>- G -</b>		<i>Equipment (Electronic &amp; Computerized)</i>	24
<b>Garage M&amp;E</b>	18	<b>Landscaping M&amp;E</b>	16
<b>Garbage Dumpsters</b>	16	<b>Laundry &amp; Dry Cleaning</b>	
<b>Gambling Equipment</b>		<i>Coin-Op</i>	24
<i>Video Type</i>	24	<i>Other Than Coin-Op</i>	14
<i>Game Type (Blackjack Table, Roulette Wheel, Etc.)</i>	19	<b>Law Libraries</b>	12
<b>General Contractor M&amp;E</b>	16	<b>Leather Products Mfg. M&amp;E</b>	8
<b>Golf Courses</b>		<b>Libraries (Professional)</b>	12
<i>Carts</i>	20	<b>Lift Trucks</b>	<i>(See Forklift)</i>
<i>Equipment</i>	18	<b>Lotto Machines</b>	30
<i>Tractors</i>	12		
<b>GPS Receivers (not affixed)</b>	30		
<b>Greenhouse &amp; Nursery M&amp;E</b>	16		
<b>Grocery Stores</b>			

**INDEX TO  
PERSONAL PROPERTY VALUATION INDICATORS**  
*For January 1, 2005 Valuations*

**BUSINESS ACTIVITY OR TYPE OF BUSINESS**

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
<b>Lumber &amp; Wood Products</b>		<i>Computer (Production)</i>	24
<i>Logging M&amp;E</i>	18	<i>Other M&amp;E</i>	14
<i>Log Stackers</i>	18	<b>Nursing Homes</b>	
<i>Pulp, Paper &amp; Paperboard</i>	** 7.5	<i>Furniture &amp; Fixtures</i>	16
<i>Plywood &amp; Veneer</i>	** 8.5	<i>Mattresses</i>	30
<i>Scarifying M&amp;E</i>	18		
<i>Sawmills</i>		- O -	
<i>Portable</i>	14		
<i>Stationary</i>	** 8.5	<b>Office Equipment</b>	
- M -		<i>Antiques</i>	<i>(Value at Cost)</i>
		<i>Copy Machines (Purchased)</i>	24
<b>Machine Shop M&amp;E (production)</b>	*** 7.5	<i>Electric &amp; Electronic Machines</i>	24
<b>Machine Shop M&amp;E (not part of production line, such as lathes)</b>	12	<i>Furniture &amp; Fixtures</i>	14
<b>Mailing Machines</b>	20	<i>Mailing Machines</i>	20
<b>Meat Packing M&amp;E</b>	12	<i>Safes</i>	10
<b>Meat Processing (Complex)</b>	**8.5	<i>Sound Systems (Background)</i>	24
<b>Medical Equipment</b>	14	<b>Oxygen &amp; Acetylene Tanks</b>	10
<b>Metal Fabrication &amp; Extrusion Mfg.</b>	*** 7.5		
<b>Metal Sheet Fabrication (production line)</b>	*** 7.5	- P -	
<b>Metal Sheet Fabrication (not part of prod. line)</b>	12	<b>P.A. Systems</b>	20
<b>Microchip Manufacturing M&amp;E</b>		<b>Packing &amp; Sorting M&amp;E (Fruit, Vegetable, Etc.) Supp. P 12</b>	
<i>Printed Circuit Board M&amp;E</i>	<i>Trend II/30</i>	<i>The following rates may be applied if the taxpayer can document costs to mechanical vs. electronic equipment</i>	
<i>Silicon Wafer Fabrication M&amp;E</i>	<i>Trend II/25</i>	<i>Mechanical portion of the line equipment</i>	<i>Supp. P 10</i>
<i>Product Assembly M&amp;E</i>	<i>Trend II/25</i>	<i>Electronic portion of the line equipment</i>	<i>Supp. P 24</i>
<i>Process Support Equipment &amp; Piping</i>	<i>Trend II/15</i>	<b>Paint &amp; Varnish Mfg. M&amp;E</b>	12
<b>Milling Machines—Computer</b>		<b>Pallets, Crates, Lugs, Bins, Etc.</b>	18
<b>Numeric Controlled (CNC) (free-standing equip)</b>	14	<b>Petroleum Products</b>	
<b>Mining &amp; Milling</b>	** 7.5	<i>Bulk Station Equipment</i>	14
<b>Mobile Yard Equipment</b>	16	<i>Refining</i>	** 7.5
<b>Mobile Trailer Units</b>	16	<i>Service Station Equipment</i>	<i>(See Service Stations)</i>
<b>Mortuary Service Equip.</b>	14	<b>Photography Equipment</b>	16
<b>Motels</b>		<i>Digital Cameras &amp; recorders</i>	<i>Trend II/27</i>
<i>Furniture &amp; Equipment</i>	19	<i>One Hour Photo Equipment</i>	16
<i>Office</i>	<i>(See Office)</i>	<i>Computerized</i>	<i>Trend II/25</i>
<i>Restaurant &amp; Bar Equipment</i>	19	<i>Electronic</i>	24
<i>Telephone Systems</i>	30	<b>Plastic Extrusion M&amp;E</b>	12
<i>TV's</i>	24	<b>Plumbing Shop Equipment</b>	16
<i>VCRs</i>	24	<b>Plywood &amp; Veneer Mfg.</b>	** 8.5
<b>Music Instruments -- Rental</b>	22	<b>Pool Hall Equipment</b>	14
<b>Music Studio Recording Equip.</b>	24	<b>Power &amp; Generation M&amp;E</b>	
<b>Music Systems (Background)</b>	24	<i>Gas &amp; Diesel</i>	16
- N -		<i>Steam</i>	** 7.5
		<b>Printing &amp; Publishing Equipment</b>	<i>(See Newspaper)</i>
<b>Neon Signs</b>	19	<b>Professional Equipment</b>	
<b>Newspaper M&amp;E</b>		<i>Scientific, Doctors, Dentists, Etc.</i>	14
<i>Press</i>	10	<i>Libraries</i>	12
<i>Photographic</i>	16	<b>Propane Tanks</b>	12
		<b>Pulp &amp; Paper Mfg.</b>	** 7.5

**INDEX TO  
PERSONAL PROPERTY VALUATION INDICATORS**  
*For January 1, 2005 Valuations*

**BUSINESS ACTIVITY OR TYPE OF BUSINESS**

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
<b>- R -</b>			<i>Supp. A</i>
<b>Radio &amp; Television Equipment</b>		<i>Poster Panels</i>	
<i>Broadcasting Equipment</i>	19	<b>Ski Areas</b>	
<i>C.A.T.V. (Cable System)</i>	(See C.A.T.V. Equipment)	<i>Snow Cats &amp; Packers</i>	24
<i>Service &amp; Repair Equip.</i>	19	<i>Tows &amp; Lifts</i>	** 7.5
<i>Towers</i>	12	<b>Ski Mfg. Equipment</b>	12
<b>Radio-Telephone Equipment 2-Way</b>	24	<b>Small Tools - Perishable</b>	24
<b>Railroad Rolling Stock-Private</b> <i>(Except Logging Cars)</i>	12	<b>Smelting</b>	** 7.5
<b>Railroad Car Conversions</b>	16	<b>Soft Drink Mfg. M&amp;E (Batch)</b>	14
<b>Rental Equipment</b>		<b>Sound Systems (Background)</b>	24
<i>Costumes</i>	24	<b>Supermarkets</b>	
<i>Public U-Rent (Excluding Heavy Equipment)</i>	22	<i>Cash Registers &amp; Scanners</i>	24
<i>Heavy Equipment</i>	(Value by type)	<i>Fixtures &amp; Equipment</i>	16
<i>Telephones (Residential)</i>	30	<i>Meat Packing</i>	12
<i>Tuxedos</i>	30	<i>POS Computer Systems</i>	30
<b>Research &amp; Development M&amp;E</b>	* 20	<i>Public Address Systems</i>	20
<b>Restaurants, Soda Fountains &amp; Drive-Ins</b>	19	<i>Walk-in Coolers</i>	12
<i>Walk-in Coolers</i>	12	<b>Surveying Equipment</b>	14
<b>Retail Stores</b>		<b>- T -</b>	
<i>Fixtures</i>	16	<b>Tanning Salon Equip.</b>	16
<i>Office F&amp;F</i>	(See Office Equip.)	<b>Tavern &amp; Bar Equipment</b>	19
<i>POS Computer Systems</i>	30	<i>Antique Back Bars</i>	(Value at Cost)
<i>Public Address Systems</i>	20	<b>Television &amp; Radio Equipment</b>	(See Radio)
<i>Sound Systems (Background)</i>	24	<b>Television (for entertainment)</b>	24
<b>Rock Crushers</b>	(See Construction)	<b>Telephones</b>	
<b>- S -</b>		<i>Cellular</i>	30
<b>Sawmills</b>	(See Lumber)	<i>Pagers</i>	24
<b>Scaffolding (Rental)</b>	22	<i>Rentals (Commercial &amp; Residential)</i>	30
<b>Search Lights</b>	18	<i>Systems (Customer Owned)</i>	30
<b>Service Stations</b>		<i>Fax/Phone/Copier Units</i>	30
<i>Dispensers (Gas)</i>	20	<i>Cell/wireless telephone tower (tower only)</i>	7.5
<i>Equipment</i>	18	<i>Cell/wireless telephone tower (with antennae)</i>	12
<i>Store F&amp;F</i>	16	<i>Cell/wireless telephone antennae (antennae only)</i>	24
<b>Sewing Equipment</b>	12	<b>Textile Tent &amp; Awning Mfg. M&amp;E</b>	8
<b>Sewer Construction Equipment</b>	16	<b>Theater</b>	
<b>Sheet Metal Fabrication (production line)</b>	*** 7.5	<i>Projection Equipment</i>	16
<b>Sheet Metal Fabrication (not part of prod. line)</b>	12	<i>F&amp;F</i>	18
<b>Shipbuilding</b>	(See Construction)	<b>Tire Recapping</b>	14
<b>Shoes &amp; Leather Products Mfg. M&amp;E</b>	8	<b>Title Plants</b>	Supp. B
<b>Shipyards</b>	(See Construction)	<b>Tuxedo Rentals</b>	30
<b>Signs</b>		<b>Toilets, Portable</b>	14
<i>Bulletin Boards</i>	14	<b>- U -</b>	
<i>Billboards</i>	Supp. A	<b>Unlicensed and licensed Vehicles including Trailers</b>	
<i>Electronic</i>	16	<i>(permanently sited and/or not primarily designed for use on public streets and highways)</i>	16
<i>Neon</i>	19	<b>Upholstery Equipment</b>	16
<i>Plastic Illuminated</i>	19		

**INDEX TO  
PERSONAL PROPERTY VALUATION INDICATORS**  
*For January 1, 2005 Valuations*

---

**BUSINESS ACTIVITY OR TYPE OF BUSINESS**

---

Use Trend I from Combined Table unless Trend II, Supp. A, Supp. B, or Supp. P are indicated below

	Trend/Column		Trend/Column
- V -			
VCRs	24	Winery Equipment (portable, such as pumps)	14
Vending Machines	24	Aging Barrels	Supp. A
Video Arcade Games	Supp. A	Innerstaves	Supp. A
Video Tapes	Supp. A	Wireless/Cell telephone tower (tower only)	7.5
Video Cameras/Camcorder (not digital)	24	Wireless /Cell telephone tower (with antennae)	12
		Wireless/Cell telephone antennae (antennae only)	24
		Wholesale Store	14
- W -		Woodworking Shops M&E	12
Warehouse Equipment (Including Lifts)	14	- X -	
Pallets, Crates, Lugs, Bins, Etc.	18	X-Ray Equip. (Other Than Dental)	* 12
Water Softeners	14		
Water Systems	12		
Welding Shop Equip.	12		
Well Drilling	16		
Winery Equipment (production line, incl. Tanks & bottling line)	*** 7.5		

\* – May Require Special Consideration Due to Functional or Economic Conditions.

\*\* – Use Industrial Valuation Tables on all Plant M&E.

\*\*\* – Major Items of Equipment - Use Industrial Valuation or Personal Property % Column/Schedule. The determination to use this schedule requires judgement from Appraiser or Auditor based on the use and Expected Economic Life of the equipment/property. Inspection of M&E is highly recommended.

A – Use appropriate category in Supplemental Valuation Schedule ‘A’.

B – Use appropriate rate in Supplemental Valuation Schedule ‘B’.

P – Use Appropriate Rate(s) in Supplemental Valuation Schedule ‘P’ –Packing and Sorting (Fruit Packing Lines).

## SUPPLEMENTAL VALUATION TABLE 'A'

<b>VIDEO ARCADE GAMES</b> (Apply the following percent good to the un-trended historical cost)		
Year 1	Year 2	Year 3
60%	37%	20%

<b>VIDEO TAPES, LASER DISKS &amp; DVD's</b>
(Value property in rental inventory only at retail trade level, used tapes held only for sale are exempt business inventory. Price of used tapes for sale reflects liquidation value; retail trade level value must be greater than liquidation value.)
Value at 24% of cost regardless of year—itemized list required, <u>not</u> just lump sum—otherwise \$12 per tape/disk.

<b>WOODEN (Oak) WINE BARRELS AND INNERSTAVES</b> (Reference BTA Docket 54989, 2/1/2001) (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

<b>BILLBOARDS &amp; POSTER PANELS</b>	
Type of Sign	Current Replacement Cost Per Lineal Foot
Unlighted	\$133
Externally Lighted	\$166
Internally Lighted	\$319
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'	\$1,062
Lighted / Unlighted 14 x 48'	\$2,675
Lighted / Unlighted 20 x 60'	\$4,140
Signs smaller than 12 x 25' use 40% of above deduction.	
DEPRECIATION -- 4% straight line per year based on effective age to 20% of replacement cost.	

<b>TITLE PLANTS</b> (Tract Indexes)
(Value each title plant physically located within each county, including title plants for other counties.) <i>See Supplemental Valuation Table B for rates</i>

<b>COMPUTER SOFTWARE</b>
The 1991 Legislature defined computer software and established valuation methods. Custom Software is exempt. For the 2005 assessment year, canned software shall be assessed as illustrated in the following example:
<ul style="list-style-type: none"> <li>• Canned software acquired in 2004 shall be valued at 100% of its full acquisition cost.</li> <li>• Canned software acquired in 2003 shall be listed at 100% and valued at 50% of its full acquisition cost.</li> <li>• All software, canned or custom, purchased in 2002 and before is exempt.</li> <li>• 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.</li> </ul>

**2005 SUPPLEMENTAL VALUATION TABLE 'B'**  
**TITLE PLANT VALUATION TABLE**  
**as of 1/1/2005**

(Value all title plants that are physically located within county based on the number of Real Property Parcels for the county the Title Plant pertains to, as reported to DOR for Ratio purposes.)

<b># Parcels</b>		<b>\$/Parcel</b>
0	to 14,999	\$ 3.52
15,000	to 19,999	\$ 3.52
20,000	to 24,999	\$ 3.52
25,000	to 29,999	\$ 3.52
30,000	to 34,999	\$ 3.52
35,000	to 39,999	\$ 3.48
40,000	to 44,999	\$ 3.44
45,000	to 49,999	\$ 3.40
50,000	to 54,999	\$ 3.36
55,000	to 59,999	\$ 3.32
60,000	to 64,999	\$ 3.28
65,000	to 69,999	\$ 3.24
70,000	to 74,999	\$ 3.20
75,000	to 79,999	\$ 3.16
80,000	to 84,999	\$ 3.12
85,000	to 89,999	\$ 3.08
90,000	to 94,999	\$ 3.04
95,000	to 99,999	\$ 3.00
100,000	to 109,999	\$ 2.96
110,000	to 119,999	\$ 2.92
120,000	to 129,999	\$ 2.88
130,000	to 139,999	\$ 2.84
140,000	to 149,999	\$ 2.80
150,000	to 159,999	\$ 2.76
160,000	to 169,999	\$ 2.72
170,000	to 179,999	\$ 2.68
180,000	to 189,999	\$ 2.64
190,000	to 199,999	\$ 2.60
200,000	to 209,999	\$ 2.56
210,000	to 219,999	\$ 2.52
220,000	to 229,999	\$ 2.48
230,000	to 239,999	\$ 2.44
240,000	to 249,999	\$ 2.40
250,000	to 259,999	\$ 2.36
260,000	to 269,999	\$ 2.32
270,000	to 279,999	\$ 2.28
280,000	to 289,999	\$ 2.24
290,000	to 299,999	\$ 2.20
300,000	to 309,999	\$ 2.16
310,000	to 319,999	\$ 2.12
320,000	and greater	\$ 2.08

Rate per parcel is adjusted annually at 25% of the personal property trend from the base year of 2002, based on the Producer Price Index. Actual sales may be used as the basis for valuation; divide the price by the number of parcels to get the base rate then trend the rate every year. Actual sales must be confirmed as "arms length" transactions at a price representative of the Market Value of an entire title plant.

**COMBINED TABLE**  
**2005 PERSONAL PROPERTY VALUATION PERCENT GOOD INDICATORS**

		TREND I TABLE													TREND II TABLE					
		Declining Balance Rate													Laptop/Notebook, Desktop Computers & Peripherals incl. Digital Cameras	Microchip Manufacturing Machinery & Equipment - Computer Network Equipment @ 25%				
AGE	YEAR	TREND I	30.0%	24.0%	22.0%	20.0%	19.0%	18.0%	16.0%	14.0%	12.0%	10.0%	8.0%	7.5%	TREND II	27.0%	30.0%	25.0%	15.0%	
Economic Life (Years) →			4.5	6.0	6.5	7.0	7.5	8.0	9.0	10.5	12.5	15.5	19.5	20.5	Years	5.5	8.0	9.5	10.0	
1	2004	100.0	70.0	76.0	78.0	80.0	81.0	82.0	84.0	86.0	88.0	90.0	92.0	92.5	100.0	73.0	70.0	75.0	85.0	
2	2003	100.4	49.2	58.0	61.1	64.3	65.9	67.5	70.8	74.3	77.7	81.3	85.0	88.6	89.3	47.6	43.7	50.2	64.5	
3	2002	100.5	34.5	44.1	47.7	51.5	53.4	55.4	59.6	63.9	68.5	73.3	78.3	83.3	78.4	30.5	26.9	33.1	48.2	
4	2001	101.5	24.4	33.9	37.6	41.6	43.7	45.9	50.5	55.5	60.9	66.6	72.7	77.5	71.3	20.2	17.1	22.5	37.2	
5	2000	102.1	20.0	25.9	29.5	33.5	35.6	37.9	42.7	48.0	53.9	60.3	67.3	72.3	65.8	13.6	11.1	15.6	29.2	
6	1999	102.6		20.0	23.1	26.9	29.0	31.2	36.0	41.5	47.6	54.5	62.2	68.1	56.8	8.6	6.7	10.1	21.4	
7	1998	103.3			20.0	21.7	23.6	25.8	30.5	35.9	42.2	49.4	57.6	63.2	47.4	5.2	5.0	6.3	20.0	
8	1997	104.5				20.0	20.0	21.4	25.9	31.3	37.6	45.0	53.6	58.9	40.8	3.3		5.0		
9	1996	106.5						20.0	22.2	27.4	33.7	41.3	50.3	55.4	35.5	2.1				
10	1995	109.0							20.0	24.1	30.4	38.0	47.3	52.0	32.6	2.0				
11	1994	110.8								21.1	27.2	34.8	44.3	49.8	29.9					
12	1993	112.7								20.0	24.3	31.8	41.4	47.4	25.4					
13	1992	114.8									21.8	29.2	38.8	44.7	20.9					
14	1991	117.7									20.0	26.9	36.6	41.8	22.7					
15	1990	121.7										25.1	34.8	39.5	21.3					
16	1989	127.1	ALL BLANK SPACES REPRESENT A 20.0% FLOOR UNLESS OTHERWISE NOTED,										23.6	33.5	37.5	20.0				
17	1988	131.0										21.8	31.7	36.5	18.9					
18	1987	133.1										20.0	29.7	35.2	17.9					
19	1986	135.3											27.8	33.1	17.0					
20	1985	138.0											26.0	30.9						
21	1984	140.9											24.5	29.0						
22	1983	145.0											23.2	27.5						
23	1982	153.2											22.5	25.9						
24	1981	167.4											22.6	25.1						
25	1980	190.1											23.6	25.6						
26	1979	207.3											23.7	26.1						
27	1978	223.5											23.5	26.4						
28	1977	237.7											23.0	26.2						
29	1976	252.1											22.5	25.6						
30	1975	290.6											23.8	25.1						
31	1974	332.5											25.1	25.9						
32	1973	344.9											23.9	27.7						
33	1972	352.3											22.5	26.6						
34	1971	364.5											21.4	25.4						
35	1970	381.4											20.6	24.9						
36	1969	393.4											20.0	24.5						
37	1968	407.4												23.7						
38	1967	421.5												22.8						
39	1966	431.8												21.9						
40	1965	437.0												20.9						

For **Trend I** assets, use a minimum/floor valuation factor of 20% Good unless market conditions, appraisal judgment, or other considerations indicate that additional depreciation for obsolescence applies.

For **Trend II** assets, use 2% as minimum value for Personal Computers & Attached Peripherals, 5% or 20% for Microchip Manufacturing Machinery & Equipment - Computer Network Equipment that are **in use**, and 20% for all other assets unless otherwise indicated.

<b>2005 SUPPLEMENTAL VALUATION TABLE 'P'</b>					
<b>Packing and Sorting (Fruit Packing Lines)</b>					
When the taxpayer can segregate and document the electronic component's original cost from the rest of the packing and sorting line, Column 24 may be used for that portion. Column 10 is then used for the remainder of the line. Use Column 12 when electronic components can <b>not</b> be separated from other line assets.					
<b>AGE</b>	<b>YEAR</b>	<b>TREND I</b>	<b>24%</b>	<b>12%</b>	<b>10%</b>
			<b>24P</b>	<b>12P</b>	<b>10P</b>
1	2004	100.0	76.0	88.0	90.0
2	2003	100.4	58.0	77.7	81.3
3	2002	100.5	44.1	68.5	73.3
4	2001	101.5	33.9	60.9	66.6
5	2000	102.1	25.9	53.9	60.3
6	1999	102.6	19.8	47.6	54.5
7	1998	103.3	15.1	42.2	49.4
8	1997	104.5	11.6	37.6	45.0
9	1996	106.5	10.0	33.7	41.3
10	1995	109.0		30.4	38.0
11	1994	110.8		27.2	34.8
12	1993	112.7		24.3	31.8
13	1992	114.8		21.8	29.2
14	1991	117.7		19.7	26.9
15	1990	121.7		17.9	25.1
16	1989	127.1		16.4	23.6
17	1988	131.0		14.9	21.8
18	1987	133.1		13.3	20.0
19	1986	135.3		11.9	18.3
20	1985	138.0		10.7	16.8
21	1984	140.9		10.0	15.4
22	1983	145.0			14.3
23	1982	153.2			13.6
24	1981	167.4			13.4
25	1980	190.1			13.6
26	1979	207.3			13.4
27	1978	223.5			13.0
28	1977	237.7			12.4
29	1976	252.1			11.9
30	1975	290.6			12.3
31	1974	332.5			12.7
32	1973	344.9			11.8
33	1972	352.3			10.9
34	1971	364.5			10.1
35	1970	381.4			10.0
36	1969	393.4			
37	1968	407.4			
38	1967	421.5			
39	1966	431.8			
40	1965	437.0			

All blank spaces represent a 10.0% minimum /floor value.

**DEPRECIATION TABLE - PERCENT GOOD FACTORS (WITHOUT TREND)**

(Use this table when Reproduction or Replacement Cost New (RCN) is Known as of Assessment Year- Apply Trend and Depreciation when Original/Historical is Known or Use the Appropriate Combined Table)

AGE	YEAR	TREND I	TREND II	30.0%	27.0%	25.0%	24.0%	22.0%	20.0%	19.0%	18.0%	16.0%	15.0%	14.0%	12.0%	10.0%	8.00%	7.50%
1	2004	100.0	100.0	70.0%	73.0%	75.0%	76.0%	78.0%	80.0%	81.0%	82.0%	84.0%	85.0%	86.0%	88.0%	90.0%	92.0%	92.5%
2	2003	100.4	89.3	49.0%	53.3%	56.3%	57.8%	60.8%	64.0%	65.6%	67.2%	70.6%	72.3%	74.0%	77.4%	81.0%	84.6%	85.6%
3	2002	100.5	78.4	34.3%	38.9%	42.2%	43.9%	47.5%	51.2%	53.1%	55.1%	59.3%	61.4%	63.6%	68.1%	72.9%	77.9%	79.1%
4	2001	101.5	71.3	24.0%	28.4%	31.6%	33.4%	37.0%	41.0%	43.0%	45.2%	49.8%	52.2%	54.7%	60.0%	65.6%	71.6%	73.2%
5	2000	102.1	65.8	16.8%	20.7%	23.7%	25.4%	28.9%	32.8%	34.9%	37.1%	41.8%	44.4%	47.0%	52.8%	59.0%	65.9%	67.7%
6	1999	102.6	56.8	11.8%	15.1%	17.8%	19.3%	22.5%	26.2%	28.2%	30.4%	35.1%	37.7%	40.5%	46.4%	53.1%	60.6%	62.6%
7	1998	103.3	47.4	8.2%	11.0%	13.3%	14.6%	17.6%	21.0%	22.9%	24.9%	29.5%	32.1%	34.8%	40.9%	47.8%	55.8%	57.9%
8	1997	104.5	40.8	5.8%	8.1%	10.0%	11.1%	13.7%	16.8%	18.5%	20.4%	24.8%	27.2%	29.9%	36.0%	43.0%	51.3%	53.6%
9	1996	106.5	35.5	4.0%	5.9%	7.5%	8.5%	10.7%	13.4%	15.0%	16.8%	20.8%	23.2%	25.7%	31.6%	38.7%	47.2%	49.6%
10	1995	109.0	32.6	2.8%	4.3%	5.6%	6.4%	8.3%	10.7%	12.2%	13.7%	17.5%	19.7%	22.1%	27.9%	34.9%	43.4%	45.9%
11	1994	110.8	29.9	2.0%	3.1%	4.2%	4.9%	6.5%	8.6%	9.8%	11.3%	14.7%	16.7%	19.0%	24.5%	31.4%	40.0%	42.4%
12	1993	112.7	25.4	1.4%	2.3%	3.2%	3.7%	5.1%	6.9%	8.0%	9.2%	12.3%	14.2%	16.4%	21.6%	28.2%	36.8%	39.2%
13	1992	114.8	20.9	1.0%	1.7%	2.4%	2.8%	4.0%	5.5%	6.5%	7.6%	10.4%	12.1%	14.1%	19.0%	25.4%	33.8%	36.3%
14	1991	117.7	22.7	0.7%	1.2%	1.8%	2.1%	3.1%	4.4%	5.2%	6.2%	8.7%	10.3%	12.1%	16.7%	22.9%	31.1%	33.6%
15	1990	121.7	21.3	0.5%	0.9%	1.3%	1.6%	2.4%	3.5%	4.2%	5.1%	7.3%	8.7%	10.4%	14.7%	20.6%	28.6%	31.1%
16	1989	127.1	20.0	0.3%	0.7%	1.0%	1.2%	1.9%	2.8%	3.4%	4.2%	6.1%	7.4%	9.0%	12.9%	18.5%	26.3%	28.7%
17	1988	131.0	18.9	0.2%	0.5%	0.8%	0.9%	1.5%	2.3%	2.8%	3.4%	5.2%	6.3%	7.7%	11.4%	16.7%	24.2%	26.6%
18	1987	133.1	17.9	0.2%	0.3%	0.6%	0.7%	1.1%	1.8%	2.3%	2.8%	4.3%	5.4%	6.6%	10.0%	15.0%	22.3%	24.6%
19	1986	135.3	17.0	0.1%	0.3%	0.4%	0.5%	0.9%	1.4%	1.8%	2.3%	3.6%	4.6%	5.7%	8.8%	13.5%	20.5%	22.7%
20	1985	138.0		0.1%	0.2%	0.3%	0.4%	0.7%	1.2%	1.5%	1.9%	3.1%	3.9%	4.9%	7.8%	12.2%	18.9%	21.0%
21	1984	140.9		0.1%	0.1%	0.2%	0.3%	0.5%	0.9%	1.2%	1.5%	2.6%	3.3%	4.2%	6.8%	10.9%	17.4%	19.5%
22	1983	145.0			0.1%	0.2%	0.2%	0.4%	0.7%	1.0%	1.3%	2.2%	2.8%	3.6%	6.0%	9.8%	16.0%	18.0%
23	1982	153.2			0.1%	0.1%	0.2%	0.3%	0.6%	0.8%	1.0%	1.8%	2.4%	3.1%	5.3%	8.9%	14.7%	16.6%
24	1981	167.4			0.1%	0.1%	0.1%	0.3%	0.5%	0.6%	0.9%	1.5%	2.0%	2.7%	4.7%	8.0%	13.5%	15.4%
25	1980	190.1				0.1%	0.1%	0.2%	0.4%	0.5%	0.7%	1.3%	1.7%	2.3%	4.1%	7.2%	12.4%	14.2%
26	1979	207.3				0.1%	0.1%	0.2%	0.3%	0.4%	0.6%	1.1%	1.5%	2.0%	3.6%	6.5%	11.4%	13.2%
27	1978	223.5					0.1%	0.1%	0.2%	0.3%	0.5%	0.9%	1.2%	1.7%	3.2%	5.8%	10.5%	12.2%
28	1977	237.7						0.1%	0.2%	0.3%	0.4%	0.8%	1.1%	1.5%	2.8%	5.2%	9.7%	11.3%
29	1976	252.1						0.1%	0.2%	0.2%	0.3%	0.6%	0.9%	1.3%	2.5%	4.7%	8.9%	10.4%
30	1975	290.6						0.1%	0.1%	0.2%	0.3%	0.5%	0.8%	1.1%	2.2%	4.2%	8.2%	9.6%
31	1974	332.5							0.1%	0.1%	0.2%	0.4%	0.6%	0.9%	1.9%	3.8%	7.5%	8.9%
32	1973	344.9								0.1%	0.2%	0.4%	0.6%	0.8%	1.7%	3.4%	6.9%	8.3%
33	1972	352.3								0.1%	0.1%	0.3%	0.5%	0.7%	1.5%	3.1%	6.4%	7.6%
34	1971	364.5								0.1%	0.1%	0.3%	0.4%	0.6%	1.3%	2.8%	5.9%	7.1%
35	1970	381.4								0.1%	0.1%	0.2%	0.3%	0.5%	1.1%	2.5%	5.4%	6.5%
36	1969	393.4								0.1%	0.1%	0.2%	0.3%	0.4%	1.0%	2.3%	5.0%	6.0%
37	1968	407.4									0.1%	0.2%	0.2%	0.4%	0.9%	2.0%	4.6%	5.6%
38	1967	421.5									0.1%	0.1%	0.2%	0.3%	0.8%	1.8%	4.2%	5.2%
39	1966	431.8										0.1%	0.2%	0.3%	0.7%	1.6%	3.9%	4.8%
40	1965	437.0										0.1%	0.2%	0.2%	0.6%	1.5%	3.6%	4.4%

Note: Xerox Copiers are typically valued using this table because Xerox provides RCN data.