

Section 10

Machinery and Tools Property Tax, 2004

Under § 58.1-3507 of the *Code of Virginia*, certain machinery and tools are segregated for local taxation. According to the *Code*, the classes of machinery and tools that are segregated are those that are used for “manufacturing, mining, processing and reprocessing [excluding food processing], radio or television broadcasting, dairy, and laundry or dry cleaning.” The tax rate on machinery and tools may not be higher than that imposed on other classes of tangible personal property.

According to § 58.1-3980, “... any person, firm, or corporation assessed by a commissioner of the revenue ... aggrieved by any such assessment, may, within three years from the last day of the tax year for which such assessment is made, or within one year from the date of the assessment, whichever is later, apply to the commissioner of the revenue or such other official who made the assessment for a correction thereof.” Thirty-five localities report accepting applications for review, while 3 report making a final local determination. Only one locality reported requiring a judicial appeal of its rates.

M&T: GENERAL PURPOSES

Table 10.1 presents the 2004 tax rates on machinery and tools for all of the cities, all but one of the counties, and 101 towns that reported imposing the tax. The machinery and tools tax is shown in the table according to the following categories: the basis of assessment, assessment type, the nominal tax rate per \$100, the assessment ratio, and the effective tax rate (computed by multiplying the nominal tax rate by the assessment ratio). *Effective tax rates among localities are only comparable if they use the same basis of assessment.* Most localities assess machinery and tools on the basis of original cost, fair market value, or book value.

Frequently, a sliding scale is used, with the effective tax rate varying according to the age of the property.

All the cities except Lexington and Staunton use original cost as the basis of assessment. Of the 94 counties imposing the tax, 88 use original cost. Rappahannock County does not impose the tax. Finally, 82 of the towns report basing their assessments on original cost. The remainder use fair market value or depreciated cost. In many cases it is accurate to say that towns follow the same method as the county in which they are located. However, some exceptions do exist. Pearisburg, for example, reports using fair market value while Giles County reports original cost.

Comparing localities using original cost as their basis, the unweighted mean effective rate for cities applying the tax during the first year is \$1.36 per \$100 of original cost. The median measure is \$1.05, while the first and third quartiles are \$0.71 and \$1.80, respectively. For counties, the unweighted mean effective rate in the first year is \$1.04 and the median \$0.90. The first quartile measure is \$0.63 and the third quartile measure \$1.29. Finally, the unweighted mean effective rate for reporting towns is \$0.39, the median is \$0.37, and the first and third quartiles are \$0.15 and \$0.55, respectively.

M&T: SEMICONDUCTOR & FOREST HARVESTING EQUIPMENT

Table 10.2 presents the 2004 tax rates on machinery and tools used in semiconductor manufacturing and harvesting forest products. The separate classification of this equipment as part of machinery and tools is permitted by § 58.1-3508 and § 58.1-3508.1. Currently, two cities, Bristol and Falls Church, and five counties charge a tax on semiconductor equipment. Eight counties report charging a tax on forest harvesting equipment.



**Table 10.1
Machinery and Tools Property Tax, 2004**

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Cities (Note: All cities responded to this survey.)						
Alexandria	OC	IN	4.50	<u>General</u>		
				1	80	3.60
				2	70	3.15
				3	60	2.70
				4	50	2.25
				5	40	1.80
				6	30	1.35
				7+	20	0.90
Bedford	OC	IN	1.30		60	0.78
Bristol	OC	IN	6.00		11	0.66
Buena Vista	OC	IN	4.25	0-10	20	0.85
				11-20	15	0.64
				21+	10	0.43
				Not in use for 1 year	1	0.04
Charlottesville	OC	IN	4.20	1	25	1.05
				2	22.5	0.95
				3	20	0.84
				4	17.5	0.74
				5	15	0.63
				6	12.5	0.53
Chesapeake	OC	IN	3.12 ^b		20	0.62
Colonial Heights	OC	IN	2.00	1	90	1.80
				2	80	1.60
				3	70	1.40
				4	60	1.20
				5	50	1.00
				6+	40	0.80
Covington	OC	IN	5.53		15	0.83
Danville	OC	IN	1.50	1-10	20	0.30
				11-15	10	0.15
				16+	2	0.03
Emporia	OC	IN	5.00		12.5	0.63
Fairfax	OC	IN	3.29	1	80	2.63
				2	70	2.30
				3	60	1.97
				4	50	1.65
				5	40	1.32
				6	30	0.99
				7	20	0.66
				8+	10	0.33
Falls Church	OC	IN	4.71	<u>General</u>		
				1	80	3.77
				2	70	3.30
				3	60	2.83
				4	50	2.36
				5	40	1.88
				6	30	1.41
				7+	20	0.94
				<u>Computer Equipment</u>		
				1	75	3.53
				2	50	2.36
				3	35	1.65
				4	15	0.71
				5	5	0.24

See the last page of table 10.1 for key to abbreviations.

^a Effective rates in different localities are not comparable unless they share the same basis of assessment and assessment schedule.

^b Chesapeake City adds an additional \$0.08 per \$100 mosquito district tax on its machinery and tools rate.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Cities (continued)						
Franklin	OC	IN	2.00		30	0.60
Fredericksburg	OC	IN	0.80	1	90	0.72
				2	80	0.64
				3	70	0.56
				4	60	0.48
				5	45	0.36
				6	30	0.24
				7+	20	0.16
Galax	OC	IN	1.42		50	0.71
Hampton	OC	IN	3.00		35	1.05
Harrisonburg	OC	IN	2.00	1	90	1.80
				2	80	1.60
				3	70	1.40
				4	60	1.20
				5	50	1.00
				6	40	0.80
				7+	30	0.60
Hopewell	OC	IN	3.05		25	0.76
Lexington	BV	IN	3.95		25	0.99
Lynchburg	OC	IN	3.00	1-5	30	0.90
				6+	25.35	0.76
Manassas	OC	IN	2.50	1	80	2.00
				2	70	1.75
				3	60	1.50
				4	50	1.25
				5	30	0.75
				6	20	0.50
				7+	15	0.38
Manassas Park	OC	IN	3.50	1	70	2.45
				2	60	2.10
				3	50	1.75
				4	40	1.40
				5	30	1.05
				6+	20	0.70
Martinsville	OC	IN	1.85	1	90	1.67
				2	80	1.48
				3	70	1.30
				4	60	1.11
				5	50	0.93
				6	40	0.74
				7	30	0.56
				8+	25	0.46
Newport News	OC	IN	3.50		33.3	1.17
Norfolk	OC	IN	4.00		40	1.60
Norton	OC	IN	1.85		10	0.19
Petersburg	OC	IN	3.80	1	40	1.52
				2	35	1.33
				3	30	1.14
				4	25	0.95
				5+	20	0.76
Poquoson	OC	IN	3.85		30	1.16
Portsmouth	OC	IN	3.00		50	1.50
Radford	OC	IN	1.76		30	0.53
Richmond	OC	IN	2.30	1	90	2.07
				2	80	1.84
				3	70	1.61
				4	60	1.38
				5	50	1.15
				6+	40	0.92

See the last page of table 10.1 for key to abbreviations.

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a		
				Year	Ratio (%)			
Cities (continued)								
Roanoke	OC	IN	3.45	1	60	2.07		
				2	50	1.73		
				3	40	1.38		
				4	30	1.04		
				5+	20	0.69		
Salem	OC	IN	3.20	1	70	2.24		
				2	60	1.92		
				3	50	1.60		
				4	40	1.28		
				5	30	0.96		
				6+	25	0.80		
Staunton	FMV	IN	1.24 ^c		100	1.24		
Suffolk	OC	IN	3.15	1-5	20	0.63		
				6+	10	0.32		
Virginia Beach	OC	IN	1.00		40	0.40		
Waynesboro	OC	IN	3.00	1	27	0.81		
				2	25	0.75		
				3	22	0.66		
				4	20	0.60		
				5	15	0.45		
				6+	12	0.30		
Williamsburg	OC	IN	3.50		30	1.05		
Winchester	OC	IN	1.30	1	80	1.04		
				2	70	0.91		
				3	60	0.78		
				4	50	0.65		
				5	40	0.52		
				6+	30	0.39		
City effective tax rates, one year old property:								
Unweighted mean						1.36		
Median						1.05		
First quartile						0.71		
Third quartile						1.80		
Counties (Note: All counties responded to this survey.)								
Accomack	OC	IN	3.24	1	45	1.30		
				2	35	0.97		
				3	30	0.81		
				4-10	20	0.65		
				11+	10	0.32		
				District 3	3.26	1	45	1.30
						2	35	0.98
						3	30	0.82
						4-10	20	0.65
						11+	10	0.33
				Districts 4 & 5	3.22	1	45	1.29
						2	35	0.97
						3	30	0.81
						4-10	20	0.64
						11+	10	0.32
				District 6	3.13	1	45	1.25
						2	35	0.94
						3	30	0.78
						4-10	20	0.63
						11+	10	0.31

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^c Unless enterprise zone-then 50 percent of rate.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Albemarle	OC	IN	4.28	1	25	1.07
				2	22.5	0.96
				3	20	0.86
				4	17.5	0.75
				5	15	0.64
				6	12.5	0.54
Alleghany	OC	IN	5.95		15	0.89
Amelia	OC	...	1.00		100	1.00
Amherst	OC	IN	2.00		25	0.50
Appomattox	OC	IN	3.50		12.5	0.44
Arlington	OC	IN	4.40	1	80	3.52
				2	70	3.08
				3	60	2.64
				4	50	2.20
				5	40	1.76
				6	30	1.32
				7+	20	0.88
Augusta	OC	IN	1.90		20	0.38
Bath	B V	IN	0.20		100	0.20
Bedford	OC	IN	6.00	1	100	1.20
				2	95	1.14
				3	90	1.08
				4	85	1.02
				5	80	0.96
				6+	75	0.90
Bland	OC	IN	0.89	1	95	0.85
				2	90	0.80
				3	85	0.76
				4	80	0.71
				5	75	0.67
				6	70	0.62
				7	65	0.58
				8	60	0.53
				9	55	0.49
				10	50	0.45
				11	45	0.40
				12	40	0.36
				13	35	0.31
				14	30	0.27
				15	25	0.22
16+	20	0.18				
Botetourt	OC	IN	1.80	1-5	50	0.90
				6+	42	0.76
Brunswick	OC	IN	3.40		20	0.68
Buchanan	OC	IN	1.95	1-3	80	1.56
				4-6	60	1.17
				7-9	40	0.78
				10+	20	0.39
Buckingham	OC	IN	2.90	0-9	15	0.44
				10-19	10	0.29
				20+	5	0.15
Campbell	OC	IN	3.25		25	0.81
Caroline	OC	IN	3.50		20	0.70

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Carroll	OC	IN	1.30	1	90	1.17
				2	85	1.11
				3	80	0.98
				4	70	0.85
				5	60	0.72
				6	50	0.59
				7	40	0.52
				8	35	0.46
				9+	30	0.39
Charles City	OC	IN	2.50	1	50	1.25
				2	40	1.00
				3	30	0.75
				4	20	0.50
				5+	10	0.25
Charlotte	OC	IN	2.00	1	45	0.90
				2	40.5	0.81
				3	36.45	0.73
				4	32.8	0.66
				5+	29.52	0.59
Chesterfield	OC	IN	1.00	1-10	25	0.25
				11-20	20	0.20
				21+	15	0.15
				Idle	1	0.01
Clarke	OC	IN	1.25	1	50	0.63
				2	45	0.56
				3	40	0.50
				4	37.5	0.47
				5	35	0.44
				6	32.5	0.41
				7	30	0.38
				8	27.5	0.34
				9	25	0.31
				10	22.5	0.28
				11	20	0.25
				12	17.5	0.22
				13	15	0.19
				14	12.5	0.16
				15+	10	0.13
Craig	OC	IN	2.20	1	75	1.65
				2	70	1.54
				3	65	1.43
				4	60	1.32
				5	55	1.21
				6	50	1.10
				7	45	0.99
				8	40	0.88
				9	35	0.77
				10	30	0.66
				11	25	0.55
				12	20	0.44
				13	15	0.33
				14	10	0.22
				15+	5	0.11
Culpeper	OC	IN	2.00	1	70	1.40
				2	60	1.20
				3	50	1.00
				4	40	0.80
				5+	30	0.60

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Cumberland	OC	IN	4.50		30	1.35
Dickenson	OC	IN	1.59	1-3	80	1.27
				4-6	60	0.95
				7-9	40	0.64
				10+	20	0.32
Dinwiddie	OC	IN	3.30		20	0.66
Essex	OC	IN	3.50		10	0.35
Fairfax	OC	IN	4.57	<u>General</u>		
				1	80	3.66
				2	70	3.20
				3	60	2.74
				4	50	2.29
				5	40	1.83
				6	30	1.37
				7+	20	0.91
				<u>Computer Equipment</u>		
				1	50	2.29
				2	35	1.60
				3	20	0.91
				4	10	0.46
				5	2	0.09
Fauquier	OC	IN	4.65	1	70	3.26
				2	60	2.80
				3	50	2.33
				4	40	1.86
				5	30	1.40
				6	20	0.93
				7+	10	0.47
Floyd	OC	IN	1.55	1	60	0.93
				2	50	0.78
				3	40	0.62
				4	30	0.47
				5+	20	0.31
Fluvanna	OC	IN	2.00	1	20	0.40
				2+	13	0.26
Franklin	OC	IN	0.54	1	100	0.54
				2	90	0.49
				3	80	0.43
				4	70	0.38
				5	60	0.32
				6	50	0.27
				7+	40	0.22
Frederick	OC	IN	2.00	1	60	1.20
				2	50	1.00
				3	40	0.80
				4+	30	0.60
Giles	OC	IN	0.90		100	0.90
Gloucester	OC	IN	4.00		30	1.12
Goochland ^d	OC	IN	3.75(M)	1-5	20	0.75
			4.00(O)	6-10	15	0.56
				11+	10	0.38
Grayson	OC	IN	1.60	1	100	1.60
				2	90	1.44
				3	80	1.28
				4	70	1.12
				5	60	0.96
				6	50	0.80
				7	40	0.64
				8+	30	0.48

See the last page of table 10.1 for key to abbreviations.

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^d In Goochland County, (M) applies to manufacturing only; (O) applies to non-manufacturing businesses or professions.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Greene	BV	IN	2.00		100	2.00
Greensville	OC	IN	3.50		20	2.45
Halifax	OC	IN	1.26	1-18	50	0.63
				19+	20	0.25
				Idle & unused	5	
Hanover	OC	IN	3.64		10	0.36
Henrico	OC	IN	1.00 ^e	1	75	0.75
				2	70	0.60
				3	65	0.50
				4	60	0.40
				5	50	0.30
				6-10	25	0.20
				11-12	20	0.15
				13-14	15	0.10
				15+	8	0.05
Henry	OC	IN	1.19		71	0.85
Highland	OC	IN	1.00		5	0.05
Isle of Wight	OC	IN	0.95		100	0.95
James City	OC	IN	4.00		25	1.00
King & Queen	OC	IN	0.99	1	70	0.69
				2	60	0.57
				3	50	0.50
				4	40	0.40
				5	30	0.30
				6	20	0.20
				7+	10	0.10
King George	OC	IN	2.50		20	0.50
King William	OC	IN	2.30		25	0.58
Lancaster	BV	IN	1.52	1	100	1.52
				2	90	1.37
				3	80	1.22
				4	70	1.06
				5	60	0.91
				6	50	0.76
				7	40	0.61
				8	30	0.46
				9+	20	0.30
Lee	OC	IN	1.41	1	90	1.27
				2	80	1.13
				3	70	0.99
				4	60	0.85
				5	50	0.71
				6	40	0.56
				7	30	0.42
				8+	20	0.28
Loudoun	OC	IN	2.75	1	50	1.38
				2	40	1.10
				3	30	0.83
				4	20	0.55
				5+	10	0.28
Louisa	OC	IN	1.90		10	0.19
Lunenburg	OC	IN	1.80	1-5	50	0.90
				6-10	40	0.72
				11-15	30	0.54
				16-20	20	0.36
				21+	10	0.18

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^e Henrico's rate includes \$.001/\$100 sanitary district tax.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Madison	OC	IN	5.50		20	1.10
Mathews	FMV	IN	2.14		100	2.14
Mecklenburg	OC	IN	0.66		80	0.53
Middlesex	OC	IN	3.50		10	0.35
Montgomery	OC	IN	1.82	1-4	60	1.09
				5-7	50	0.91
				8+	40	0.73
Nelson	OC	IN	1.25	1-5	40	0.50
				6-10	30	0.38
				11-15	20	0.25
				16+	10	0.13
New Kent	OC	IN	3.00	1-3	35	1.05
				4-6	30	0.90
				7-10	25	0.75
				11+	20	0.60
				Idle	5	0.15
Northampton	OC	IN	2.25	1	70	1.58
				2	60	1.35
				3	50	1.13
				4	40	0.90
				5	25	0.57
				6+	10	0.23
Northumberland	OC	IN	3.60		25	0.90
Nottoway	OC	IN	1.25	1-3	70	0.88
				4-7	60	0.75
				8+	30	0.38
Orange	OC	IN	1.83	1	80	1.46
				2	76	1.39
				3	72	1.32
				4	68	1.24
				5	64	1.17
				6	60	1.10
				7	56	1.02
				8	52	0.95
				9	48	0.88
				10	44	
				11+	40	
Page	OC	IN	2.00		40	0.80
Patrick	OC	IN	1.36	1	95	1.29
				2	85.5	1.16
				3	77	1.05
				4	69.3	0.94
				5	62.3	0.85
				6	56.1	0.76
				7	50.5	0.69
				8	45.4	0.62
				9	40.9	0.56
				10	36.8	0.50
				11	33.1	0.45
				12	29.8	0.41
				13	26.8	0.37
				14+	25	0.34
Pittsylvania	OC	IN	4.50		10	0.45
Powhatan	FMV	IN	3.60	1	60	2.16
				2	45	1.44
				3	37.5	1.35
				4	30	1.08
				5+	20	0.72
Prince Edward	OC	IN	3.20		10	0.32

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Prince George	OC	IN	1.50	1	60	0.90
				2	50	0.75
				3	40	0.60
				4	30	0.45
				5+	20	0.30
Prince William ^f	OC	IN	2.00	1	85	1.70
				2	75	1.50
				3	65	1.30
				4	55	1.10
				5	45	0.90
				6	35	0.70
				7	25	0.50
				8	15	0.30
				9+	10	0.20
Pulaski	OC	IN	1.50		48	0.72
Rappahannock	N/A	N/A	N/A		N/A	N/A
Richmond	BV	IN	0.50		100	0.50
Roanoke	OC	IN	3.00	1-5	25	0.75
				6-10	20	0.60
				11+	15	0.45
Rockbridge	OC	IN	2.35		10	0.24
Rockingham	OC	IN	2.55	1	90	2.30
				2	80	2.04
				3	70	1.79
				4	60	1.53
				5	50	1.28
				6	40	1.02
				7	30	0.77
				8+	20	0.51
Russell	OC	IN	2.45	0-1	90	2.21
				2-3	80	1.96
				4-5	70	1.72
				6-7	60	1.47
				8-10	50	1.23
				11-14	40	0.98
15+	30	0.49				
Scott	OC	IN	0.72		100	0.72
Shenandoah	OC	IN	2.86	1	55	1.57
				2	50	1.43
				3	45	1.29
				4	40	1.14
				5	25	0.72
				6+	10	0.29
Smyth	OC	IN	1.20	1	90	1.08
				2	80	0.96
				3	70	0.84
				4	60	0.72
				5	50	0.60
				6	40	0.48
				7	30	0.36
				8+	20	0.24

N/A Not applicable

See the last page of table 10.1 for key to abbreviations.

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^f The base effective tax rate in Prince William County is \$2.00, but several district levies range from \$0.0033 to \$0.16.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Counties (continued)						
Southampton	OC	IN	2.40	1	80	1.92
				2	70	1.68
				3	60	1.44
				4	50	1.20
				5	40	0.96
				6	30	0.72
				7	20	0.48
				8+	10	0.24
Spotsylvania	OC	IN	2.50	1	50	1.25
				2	45	1.13
				3	40	1.00
				4	30	0.75
				5+	20	0.50
Stafford	OC	IN	0.75	1	90	0.68
				2	80	0.60
				3	65	0.49
				4	50	0.38
				5	35	0.26
				6+	20	0.15
Surry	OC	IN	1.00	1	60	0.60
				2	50	0.50
				3	40	0.40
				4	30	0.30
				5+	20	0.20
Sussex	OC	IN	4.85	1-5	50	2.43
				6-15	40	1.94
				16-25	25	1.21
				26+	10	0.49
Tazewell	OC	IN	2.00		100	2.00
Warren	OC	IN	2.25	1-6	25	0.56
				7-15	15	0.34
				16+	12.5	0.28
Washington	OC	IN	1.55	0	100	1.55
				1	90	1.40
				2	80	1.24
				3	70	1.09
				4	60	0.93
5+	50	0.78				
Westmoreland	OC	IN	1.50		100	1.50
Wise	OC	IN	1.15	1	85	0.98
				2	80	0.92
				3	75	0.86
				4	70	0.81
				5	65	0.75
				6	60	0.69
				7	40	0.46
				8	30	0.35
				9	20	0.23
				10+	15	0.17
Wythe	OC	IN	1.50	1-5	50	0.75
				6+	20	0.30
York	OC	IN	4.00		25	1.00
County effective tax rates, one year old property:						
Unweighted mean						1.04
Median						0.90
First quartile						0.63
Third quartile						1.29

See the last page of table 10.1 for key to abbreviations.

^a Effective rates in different localities are not comparable unless they share the same basis of assessment and assessment schedule.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
City and county effective tax rates, one year old property:						
Unweighted mean						1.13
Median						0.93
First quartile						0.65
Third quartile						1.43
Towns (Note: Towns that answered "not applicable" to all items are excluded. For a list of respondent and non-respondent towns, see Appendix B.)						
Abingdon	OC	C	0.55		100	0.55
Accomac	BV	IN	0.10		100	0.10
Alberta	OC	...	1.90		20	0.38
Altavista	OC	...	2.00		25	0.50
Amherst	OC	...	0.35		25	0.088
Appomattox	FMV	IN	0.55		12.5	0.07
Ashland	OC	G	0.77		10	0.077
Berryville	OC	IN	0.90	1	50	0.45
				2	45	0.405
				3	40	0.36
				Depreciates 2.5 percentage points annually, after year 3 to a minimum of 10%.		
Big Stone Gap	OC	C	0.62		100	0.62
Blackstone	OC	C	0.65		100	0.65
Bluefield	0.60		100	0.60
Boones Mill	OC	...	1.00	1	10	0.10
				2	9	0.09
				3	8	0.08
				4	7	0.07
				5	6	0.06
				6	5	0.05
				7+	4	0.04
Bowling Green	OC	IN	1.20		20	0.24
Boydton	OC	...	0.88		100	0.88
Branchville	OC	...	0.61		100	0.61
Bridgewater	OC	...	0.75	1	90	0.675
				2	80	0.60
				3	70	0.525
				4	60	0.45
				5	50	0.375
				6	40	0.30
				7	30	0.225
				8+	20	0.15
Broadway	N/A	G	0.40		100	0.40
Brodnax	OC	G	0.30		80	0.24
Brookneal	OC	...	1.70	1-10	20	0.34
				11-20	15	0.26
				21+	10	0.17
Buchanan	OC	IN	0.10		20	0.02
Burkeville	OC	...	0.68		100	0.68
Cape Charles	OC	...	1.00		100	1.00
Cedar Bluff	OC	...	0.35		100	0.35
Chase City	N/A	G	0.61		80	0.49
Chilhowie	FMV	...	0.20 (\$5 min)		100	0.20
Chincoteague	OC	IN	0.85		100	0.85
Christiansburg	OC	C	0.45		100	0.45
Claremont	OC	...	0.60		100	0.60
Clarksville	OC	IN	0.38		80	0.304
Clintwood	OC	...	0.30		100	0.30
Coeburn	BV	IN	0.40		100	0.40
Culpeper	OC	IN	0.80		50	0.40

See the last page of table 10.1 for key to abbreviations.

... No response provided.

^a Effective rates in different localities are not comparable unless they share the same basis of assessment and assessment schedule.

Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Towns (continued)						
Damascus	OC	G	0.54		100	0.54
Dillwyn	OC	G	0.28		100	0.28
Drakes Branch	OC	...	0.37		100	0.37
Dublin	OC	IN	0.50		100	0.50
Eastville	FMV	...	0.25		100	0.25
Exmore	OC	IN	0.45		25	0.113
Floyd	OC	IN	0.25	1	60	0.15
				2	50	0.125
				3	40	0.10
				4	30	0.075
				5+	20	0.05
Fries	OC	C	1.74		10	0.174
Front Royal	OC	C	0.60	1-6	25	0.15
				7-15	15	0.09
				16	12.5	0.075
Glasgow	OC	...	0.60		10	0.06
Glen Lyn	OC	C	0.90		100	0.90
Gordonsville	OC	IN	0.17		26.64	0.05
Gretna	N/A	G	2.00		10	0.20
Hallwood	OC	C	0.45		100	0.45
Hamilton	OC	IN	1.10	1	50	0.55
				2	40	0.44
				3	30	0.33
				4	20	0.22
				5+	10	0.11
Haymarket	OC	C	0.60	1	85	0.51
				2	75	0.45
				3	65	0.39
				4	55	0.33
				5	45	0.27
				6	35	0.21
				7	25	0.15
				8	15	0.09
9+	10	0.06				
Haysi	BV	IN	0.15	1-3	80	0.12
				4-6	60	0.09
				7-9	40	0.06
				10+	20	0.03
Hillsville	OC	IN	0.70		100	0.70
Hurt	OC	IN	2.50		10	0.25
Independence	N/A	N/A	0.63		10	0.063
Iron Gate	FMV	C	1.00		10	0.10
Ivor	OC	C	0.50		100	0.50
Jonesville	OC	N/A	0.25		100	0.25
Keysville	N/A	G	0.60		100	0.60
La Crosse	OC	C	0.24		80	0.192
Lawrenceville	OC	...	1.80		20	0.36
Lebanon	OC	...	0.75		100	0.75
Leesburg	OC	C	1.00	1	50	0.50
				2	40	0.40
				3	30	0.30
				4	20	0.20
				5+	10	0.10
Luray	OC	IN	0.40		100	0.40
Marion	OC	C	0.29		100	0.29

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... No response provided.

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Towns (continued)						
Middleburg	OC	C	1.00	1	50	0.50
				2	40	0.40
				3	30	0.30
				4	20	0.20
				5+	10	0.10
Monterey	OC	IN	1.00		10	0.10
Narrows	OC	...	0.94		12.50	0.12
New Market	OC	C	0.80	New	100	0.80
				1	80	0.64
				2	70	0.56
				3	55	0.44
				4	40	0.32
				5	25	0.20
Onancock	OC	C	2.00	6+	10	0.08
				1	25	0.50
				2-3	15	0.30
				4+	9	0.18
Onley	OC	...	0.15		100	0.15
Orange	OC	...	0.07	1	80	0.056
				2	76	0.053
				3	72	0.050
				4	68	0.048
				5	64	0.045
				6	60	0.042
				7	56	0.039
				8	52	0.036
				9	48	0.034
				10	44	0.031
				11+	40	0.028
Pearisburg	FMV	C	3.75		25	0.94
Pennington Gap	OC	...	0.25		100	0.25
Pound	OC	IN	0.44		100	0.44
Rocky Mount	OC	G	0.17	1	100	0.17
				2	90	0.153
				3	80	0.136
				4	70	0.119
				5	60	0.102
				6	50	0.085
				7+	40	0.068
Rural Retreat	OC	IN	0.10	1-5	50	0.05
				6+	20	0.02
Saint Paul	OC	IN	0.31		100	0.31
Saltville	OC	...	0.65		100	0.65
Saxis	OC	...	0.27	1	25	0.068
				2-3	15	0.041
				4+	9	0.024
Shenandoah	OC	...	0.33		100	0.33
Smithfield	OC	G	0.15		100	0.15
South Boston	OC	IN	0.31		15	0.047
South Hill	N/A	G	0.38		80	0.304
Stanley	OC	IN	0.45		100	0.45
Stephens City	OC	N/A	0.50		30	0.15
Stony Creek	BV	N/A	0.60		100	0.60
Strasburg	BV	G	0.86	1	80	0.688
				2	70	0.602
				3	55	0.473
				4	40	0.344
				5	25	0.215
				6+	10	0.086

See the last page of table 10.1 for key to abbreviations.

... No response provided.

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Table 10.1 Machinery and Tools Property Tax, 2004 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate (\$) Per \$100	Assessment		Effective Rate (\$) Per \$100 ^a
				Year	Ratio (%)	
Towns (continued)						
Stuart	OC	G	0.33		30	0.099
Surry	N/A	G	0.60		100	0.60
Tangier	OC	...	1.25		100	1.25
Tappahannock	OC	C	1.00		10	0.10
Tazewell	OC	...	0.50		100	0.50
Timberville	OC	IN	0.30		100	0.30
Victoria	OC	...	0.75		33.3	0.25
Vinton	OC	IN	1.00	1-5	25	0.25
				6-10	20	0.20
				11+	15	0.15
					100	0.86
Wakefield	OC	C	0.86		100	0.86
Warrenton	OC	...	1.00	1	70	0.70
				2	60	0.60
				3	50	0.50
				4	40	0.40
				5	30	0.30
				6	20	0.20
				7+	10	0.10
					100	0.60
Warsaw	BV	C	0.60		100	0.60
Waverly	OC	IN	1.06	1-5	50	0.53
				6-15	40	0.44
				16-25	25	0.27
				26+	10	0.11
					100	0.10
Windsor	OC	G	0.10		100	0.10
Wise	OC	IN	0.53		100	0.53
Woodstock	OC	IN	0.90	1	80	0.72
				2	70	0.63
				3	55	0.495
				4	40	0.36
				5	25	0.225
				6+	10	0.09
					100	0.09
Wytheville	OC	IN	0.28	1-5	50	0.14
				6+	20	0.056
Town effective tax rates, one year property:						
Unweighted mean						0.39
Median						0.37
First quartile						0.15
Third quartile						0.55

Key to abbreviations:

Basis of Assessment: BV - Book Value FMV - Fair Market Value OC - Original Cost
 Assessment Type: C - Contracted Out G - County Government IN - In-House

... No response provided.

^a Effective rates in different localities are not comparable unless they share the same basis of assessment and assessment schedule.

**Table 10.2
Machinery and Tools Tax: Semiconductor and Forestry Harvest Equipment, 2004**

Locality	Semiconductor				Harvest Equipment			
	District	Rate	Year	Percentage	District	Rate	Year	Percentage
Cities (Note: All cities responded to the survey. Those that answered "not applicable" for all items in this table are excluded.)								
Falls Church	All	4.71	1 2 3 4 5 6 7+	80 70 60 50 40 30 20	N/A	N/A	N/A	N/A
Counties (Note: All counties responded to the survey. Those that answered "not applicable" for all items in this table are excluded.)								
Accomack	N/A	N/A	N/A	N/A	District 2	3.24	1 2 3 4	25 20 20 15
					District 3	3.26	1 2 3 4	25 20 20 15
					District 4 & 5	3.22	1 2 3 4	25 20 20 15
					District 6	3.13	1 2 3 4	25 20 20 15
Alleghany	N/A	N/A	N/A	N/A	All	5.95	All	15
Augusta	All	1.90	All	20	All	1.90	1 2 3	40 30 20
Buckingham	N/A	N/A	N/A	N/A	All	2.90	1 to 9 10 to 19 20+	15 10 5
Charles City	All	2.50	1 2 3 4 5+	50 40 30 20 10	All	2.50	1 2 3 4 5+	50 40 30 20 10
Chesterfield	All	1.00	1 to 10 11 to 20 20+ Idle + unused	25 20 15 1	All	1.00	1 to 10 11 to 20 20+ Idle + unused	25 20 15 1
Fairfax	All	4.57	1 2 3 4 5 6 7+	80 70 60 50 40 30 20	All	4.57	N/A	0
Gloucester	N/A	N/A	N/A	N/A	All	4.00	All	30
Stafford	N/A	N/A	N/A	N/A	All	0.75	1 2 3 4 5 6+	90 80 65 50 35 20

Towns (No towns answered having equipment from semiconductor and forest product harvesting companies.)

N/A Not applicable.