

Section 10

Machinery and Tools Property Tax, 2005

In fiscal year 2004, the machinery and tools property tax accounted for 2.3 percent of the total tax revenue for cities, 1.6 percent for counties, and 2.7 percent for large towns. These are averages; the relative importance of taxes in individual cities, counties, and towns may vary significantly. For information on individual localities, see Appendix C.

Under § 58.1-3507 of the *Code of Virginia*, certain machinery and tools (m&t) 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.” Forty-one localities report that in 2004 they accepted applications for review, while four report filing a final local determination. Three localities reported requiring a judicial appeal of its rates in this time period.

M&T: GENERAL PURPOSES

Table 10.1 presents the 2005 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, 83 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 \$1.37 per \$100 of original cost. The median measure is \$1.11, while the first and third quartiles are \$0.75 and \$1.70, respectively. For counties, the unweighted mean effective rate in the first year is \$1.09 and the median \$0.90. The first quartile measure is \$0.63 and the third quartile measure \$1.35. Finally, the unweighted mean effective rate for reporting towns is \$0.39, the median is \$0.38, and the first and third quartiles are \$0.17 and \$0.56, respectively.

M&T: SEMICONDUCTOR AND FOREST HARVESTING EQUIPMENT

Table 10.2 presents the 2005 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 four counties charge a tax on semiconductor equipment. Nine counties report charging a tax on forest harvesting equipment.



**Table 10.1
Machinery and Tools Property Tax, 2005**

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Cities (Note: All cities responded to this survey.)						
Alexandria	O C	I N	\$4.50	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	O C	I N	\$1.30		60	\$0.78
Bristol	O C	I N	\$6.00		11	\$0.66
Buena Vista	O C	I N	\$4.25	0-10	20	\$0.85
				11-20	15	\$0.64
				21+	10	\$0.43
				Not in use	1	\$0.04
Charlottesville	O C	I N	\$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	O C	I N	\$3.12 ^a		20	\$0.62
Colonial Heights	O C	I N	\$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	O C	I N	\$5.53		15	\$0.83
Danville	O C	I N	\$1.50	1-10	20	\$0.30
				11-15	10	\$0.15
				16+	2	\$0.03
Emporia	O C	I N	\$5.00		12.5	\$0.63
Fairfax	O C	I N	\$3.79	1	80	\$3.03
				2	70	\$2.65
				3	60	\$2.27
				4	50	\$1.90
				5	40	\$1.52
				6	30	\$1.14
				7	20	\$0.76
				8+	10	\$0.38
Falls Church	O C	I N	\$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.

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

^a 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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Cities (continued)						
Franklin	O C	I N	\$2.00		30	\$0.60
Fredericksburg	O C	I N	\$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	O C	I N	\$1.42		50	\$0.71
Hampton	O C	I N	\$3.50		35	\$1.23
Harrisonburg	O C	I N	\$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	O C	I N	\$3.05		25	\$0.76
Lexington	BV	I N	\$3.95		25	\$0.99
Lynchburg	O C	I N	\$3.00	1-5	30	\$0.90
				6+	25.35	\$0.76
Manassas	O C	I N	\$1.90	1	80	\$1.52
				2	70	\$1.33
				3	60	\$1.14
				4	50	\$0.95
				5	40	\$0.76
				6	30	\$0.57
				7+	20	\$0.38
Manassas Park	O C	I N	\$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	O C	I N	\$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	O C	I N	\$3.50		33.3	\$1.17
Norfolk	O C	I N	\$4.00		40	\$1.60
Norton	O C	I N	\$1.85		10	\$0.19
Petersburg	O C	I N	\$3.80	1	40	\$1.52
				2	35	\$1.33
				3	30	\$1.14
				4	25	\$0.95
				5+	20	\$0.76
Poquoson	O C	I N	\$3.85		30	\$1.16
Portsmouth	O C	I N	\$3.00		50	\$1.50
Radford	O C	I N	\$1.76		30	\$0.53
Richmond	O C	I N	\$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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†	
				Year	Ratio (%)		
Cities (continued)							
Roanoke	O C	I N	\$3.45	1	60	\$2.07	
				2	50	\$1.73	
				3	40	\$1.38	
				4	30	\$1.04	
				5+	20	\$0.69	
Salem	O C	I N	\$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	I N	\$1.24 ^b		100	\$1.24	
Suffolk	O C	I N	\$3.15	1-5	20	\$0.63	
				6+	10	\$0.32	
Virginia Beach	O C	I N	\$1.00		40	\$0.40	
Waynesboro	O C	I N	\$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	O C	I N	\$3.50		30	\$1.05	
Winchester	O C	I N	\$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	\$1.37						
Median	\$1.11						
First quartile	\$0.75						
Third quartile	\$1.70						
Counties (Note: All counties responded to this survey.)							
Accomack	O C	I N	District 2	\$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					

* See the last page of Table 10.1 for key to abbreviations.

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^b In the City of Staunton, the rate is \$1.24, unless enterprise zone-then 50 percent of rate.

Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Albemarle	O C	I N	\$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	O C	I N	\$5.95		15	\$0.89
Amelia	O C	...	\$1.00		100	\$1.00
Amherst	O C	I N	\$2.00		25	\$0.50
Appomattox	O C	I N	\$3.50		12.5	\$0.44
Arlington	O C	I N	\$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	O C	I N	\$1.90		20	\$0.38
Bath	B V	I N	\$0.20		100	\$0.20
Bedford	O C	I N	\$1.20	1	100	\$1.20
				2	95	\$1.14
				3	90	\$1.08
				4	85	\$1.02
				5	80	\$0.96
				6	75	\$0.90
				7	70	\$0.84
				8+	65	\$0.78
Bland	O C	I N	\$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	O C	I N	\$1.80	1-5	50	\$0.90
				6+	42	\$0.76
Brunswick	O C	I N	\$3.40		20	\$0.68
Buchanan	O C	I N	\$1.95	1-3	80	\$1.56
				4-6	60	\$1.17
				7-9	40	\$0.78
				10+	20	\$0.39
Buckingham	O C	I N	\$2.90	0-9	15	\$0.44
				10-19	10	\$0.29
				20+	5	\$0.15
Campbell	O C	I N	\$3.25		25	\$0.81
Caroline	O C	I N	\$3.50		20	\$0.70

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Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Carroll	O C	I N	\$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	O C	I N	\$2.50	1	50	\$1.25
				2	40	\$1.00
				3	30	\$0.75
				4	20	\$0.50
				5+	10	\$0.25
Charlotte	O C	I N	\$3.00	1	45	\$1.35
				2	40.5	\$1.22
				3	36.45	\$1.09
				4	32.8	\$0.98
				5+	29.52	\$0.89
Chesterfield	O C	I N	\$1.00	1-10	25	\$0.25
				11-20	20	\$0.20
				20+	15	\$0.15
				Idle	1	\$0.01
Clarke	O C	I N	\$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	O C	I N	\$2.20	1	80	\$1.76
				2	70	\$1.54
				3	60	\$1.32
				4	50	\$1.10
				5	40	\$0.88
				6	30	\$0.66
				7	20	\$0.44
Culpeper	O C	I N	\$2.00	1	70	\$1.40
				2	60	\$1.20
				3	50	\$1.00
				4	40	\$0.80
				5+	30	\$0.60
Cumberland	O C	I N	\$4.50		30	\$1.35
Dickenson	O C	I N	\$1.69	1-3	80	\$1.35
				4-6	60	\$1.01
				7-9	40	\$0.68
				10+	20	\$0.34
Dinwiddie	O C	I N	\$3.30		20	\$0.66
Essex	O C	I N	\$3.50		10	\$0.35

* See the last page of Table 10.1 for key to abbreviations.

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Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Fairfax	O C	I N	\$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	O C	I N	\$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	O C	I N	\$1.55	1	60	\$0.93
				2	50	\$0.78
				3	40	\$0.62
				4	30	\$0.47
				5+	20	\$0.31
Fluvanna	O C	I N	\$2.00	1	20	\$0.40
				2+	13	\$0.26
Franklin	O C	I N	\$0.60	1	100	\$0.60
				2	90	\$0.54
				3	80	\$0.48
				4	70	\$0.42
				5	60	\$0.36
				6	50	\$0.30
				7+	40	\$0.24
Frederick	O C	I N	\$2.00	1	60	\$1.20
				2	50	\$1.00
				3	40	\$0.80
				4+	30	\$0.60
Giles	O C	I N	\$0.90		100	\$0.90
Gloucester	O C	I N	\$2.20	1-7	30	\$0.66
				8+	10	\$0.22
Goochland ^c	O C	I N	\$3.75(M) \$4.00(O)	1-5	20	\$0.75
				6-10	15	\$0.56
				11+	10	\$0.38
Grayson	O C	I N	\$1.50	1	100	\$1.50
				2	90	\$1.35
				3	80	\$1.20
				4	70	\$1.05
				5	60	\$0.90
				6	50	\$0.75
				7	40	\$0.60
				8+	30	\$0.45
Greene	BV	I N	\$2.00		100	\$2.00
Greenville	O C	I N	\$3.50		20	\$0.70
Halifax	O C	I N	\$1.26	1-18	50	\$0.63
				19+	25	\$0.32
				Idle	5	\$0.06
Hanover	O C	I N	\$3.64		10	\$0.36

* See the last page of Table 10.1 for key to abbreviations.

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

Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Henrico	O C	I N	\$1.00 ^d	1	80	\$0.80
				2	75	\$0.75
				3	67	\$0.67
				4	60	\$0.60
				5	53	\$0.53
				6-10	25	\$0.25
				11-12	20	\$0.20
				13-14	16	\$0.16
			15+	8	\$0.08	
Henry	O C	I N	\$1.19		71	\$0.85
Highland	O C	I N	\$1.00		5	\$0.05
Isle of Wight	O C	I N	\$0.95		100	\$0.95
James City	O C	I N	\$4.00		25	\$1.00
King & Queen	O C	I N	\$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	O C	I N	\$2.50		20	\$0.50
King William	O C	I N	\$2.30		25	\$0.58
Lancaster	BV	I N	\$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	O C	I N	\$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	O C	I N	\$2.75	1	50	\$1.38
				2	40	\$1.10
				3	30	\$0.83
				4	20	\$0.55
				5+	10	\$0.28
Louisa	O C	I N	\$1.90		10	\$0.19
Lunenburg	O C	I N	\$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
Madison	O C	I N	\$1.10		100	\$1.10
Mathews	FMV	I N	\$2.14		100	\$2.14
Mecklenburg	O C	I N	\$0.66		80	\$0.53
Middlesex	O C	I N	\$3.50		10	\$0.35

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^d Henrico's rate includes \$0.01/\$100 sanitary district tax.

Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Montgomery	O C	I N	\$1.82	1-4	60	\$1.09
				5-7	50	\$0.91
				8+	40	\$0.73
Nelson	O C	I N	\$1.25	1-5	40	\$0.50
				6-10	30	\$0.38
				11-15	20	\$0.25
New Kent	O C	I N	\$3.00	16+	10	\$0.13
				1-3	35	\$1.05
				4-6	30	\$0.90
Northampton	O C	I N	\$2.25	7-10	25	\$0.75
				11+	20	\$0.60
				Idle	5	\$0.15
Northumberland	O C	I N	\$3.60	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	O C	I N	\$3.60		25	\$0.90
Nottoway	O C	I N	\$1.25	1-3	70	\$0.88
				4-7	60	\$0.75
				8+	30	\$0.38
Orange	O C	I N	\$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	\$0.81
				11+	40	\$0.73
Page	O C	I N	\$2.00		40	\$0.80
Patrick	O C	I N	\$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	O C	I N	\$4.50		10	\$0.45
Powhatan	FMV	I N	\$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	O C	I N	\$4.20		10	\$0.42

* See the last page of Table 10.1 for key to abbreviations.

† 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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Prince George	O C	I N	\$1.50	1	60	\$0.90
				2	50	\$0.75
				3	40	\$0.60
				4	30	\$0.45
				5+	20	\$0.30
Prince William ^e	O C	I N	\$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	O C	I N	\$1.50		48	\$0.72
Rappahannock	N/A	N/A	N/A		N/A	N/A
Richmond	BV	I N	\$0.50		100	\$0.50
Roanoke	O C	I N	\$3.00	1-5	25	\$0.75
				6-10	20	\$0.60
				11+	15	\$0.45
Rockbridge	O C	I N	\$2.35		10	\$0.24
Rockingham	O C	I N	\$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	O C	I N
2-3	80	\$1.96				
4-5	70	\$1.72				
6-7	60	\$1.47				
8-9	50	\$1.23				
10-14	40	\$0.98				
15+	30	\$0.49				
Scott	O C	I N	\$0.72		100	\$0.72
Shenandoah	O C	I N	\$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	O C	I N	\$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.

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

^e The base effective tax rate in Prince William County is \$2.00, but several district levies range from \$0.0025 to \$0.23.

Table 10.1 Machinery and Tools Property Tax, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Counties (continued)						
Southampton	O C	I N	\$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	O C	I N	\$2.50	1	50	\$1.25
				2	45	\$1.13
				3	40	\$1.00
				4	30	\$0.75
				5+	20	\$0.50
Stafford	O C	I N	\$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	O C	I N	\$1.00	1	60	\$0.60
				2	50	\$0.50
				3	40	\$0.40
				4	30	\$0.30
				5+	20	\$0.20
Sussex	O C	I N	\$4.85	1-5	50	\$2.43
				6-15	40	\$1.94
				16-25	25	\$1.21
				26+	10	\$0.49
Tazewell	O C	I N	\$2.00		100	\$2.00
Warren	O C	I N	\$2.25	1-6	25	\$0.56
				7-15	15	\$0.34
				16+	12.5	\$0.28
Washington	O C	I N	\$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	O C	I N	\$1.50		100	\$1.50
Wise	O C	I N	\$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	O C	I N	\$1.50	1-5	50	\$0.75
				6+	20	\$0.30
York	O C	I N	\$4.00		25	\$1.00
County effective tax rates, one year old property:						
Unweighted mean						\$1.09
Median						\$0.90
First quartile						\$0.63
Third quartile						\$1.35

* See the last page of Table 10.1 for key to abbreviations.

† 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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
City and county effective tax rates, one year old property:						
Unweighted mean						\$1.17
Median						\$0.99
First quartile						\$0.66
Third quartile						\$1.50
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	O C	C	\$0.55		100	\$0.55
Accomac	BV	I N	\$0.10		100	\$0.10
Alberta	O C	...	\$1.90		20	\$0.38
Altavista	O C	...	\$2.00		25	\$0.50
Amherst	O C	...	\$0.35		25	\$0.088
Appomattox	FMV	I N	\$0.55		12.5	\$0.07
Ashland	O C	G	\$0.77		10	\$0.077
Berryville	O C	I N	\$0.91	1	50	\$0.46
				2	45	\$0.41
				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	O C	I N	\$1.20		20	\$0.24
Boydton	O C	G	\$0.88		100	\$0.88
Bridgewater	O C	...	\$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	O C	G	\$0.35		80	\$0.28
Buchanan	O C	I N	\$0.10		20	\$0.02
Burkeville	O C	...	\$0.68		100	\$0.68
Cape Charles	O C	...	\$1.00		100	\$1.00
Cedar Bluff	O C	...	\$0.35		100	\$0.35
Chase City	N/A	G	\$0.61		80	\$0.49
Chilhowie	FMV	G	\$0.20 (\$5 min)		100	\$0.20
Chincoteague	O C	G	\$0.85		100	\$0.85
Christiansburg	O C	C	\$0.45		100	\$0.45
Claremont	O C	...	\$0.60		100	\$0.60
Clarksville	O C	I N	\$0.38		80	\$0.304
Clintwood	O C	...	\$0.30	1-3	80	\$0.24
				4-6	60	\$0.18
				7-9	40	\$0.12
				10+	20	\$0.06
Coeburn	BV	I N	\$0.40		100	\$0.40

... No response provided.

* See the last page of Table 10.1 for key to abbreviations.

† 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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Towns (continued)						
Culpeper	O C	I N	\$0.80	1	100	\$0.80
				2	70	\$0.56
				3	60	\$0.48
				4	50	\$0.40
				5	40	\$0.32
				6+	30	\$0.24
Damascus	O C	G	\$0.54		100	\$0.54
Dillwyn	O C	G	\$0.28		100	\$0.28
Drakes Branch	O C	...	\$0.37		100	\$0.37
Dublin	O C	I N	\$0.50		100	\$0.50
Eastville	FMV	...	\$0.25		100	\$0.25
Elkton	O C	G	\$0.46		100	\$0.46
Exmore	O C	I N	\$0.45		25	\$0.113
Fries	O C	C	\$1.74		10	\$0.174
Front Royal	O C	C	\$0.60	1-6	25	\$0.15
				7-15	15	\$0.09
				16+	12.5	\$0.075
Glasgow	O C	...	\$0.60		10	\$0.06
Glen Lyn	O C	C	\$0.90		100	\$0.90
Gordonsville	O C	I N	\$0.17		26.64	\$0.05
Gretna	N/A	G	\$2.00		10	\$0.20
Halifax	N/A	G	\$0.30		15	\$0.045
Hamilton	O C	I N	\$1.10	1	50	\$0.55
				2	40	\$0.44
				3	30	\$0.33
				4	20	\$0.22
				5+	10	\$0.11
Hillsville	O C	I N	\$0.70	1	90	\$0.63
				2	85	\$0.59
				3	80	\$0.56
				4	70	\$0.49
				5	60	\$0.42
				6	50	\$0.35
				7	40	\$0.28
				8	35	\$0.24
				9+	30	\$0.21
Hurt	O C	I N	\$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	O C	C	\$0.50		100	\$0.50
Jonesville	O C	C	\$0.25		100	\$0.25
Keysville	N/A	G	\$0.60		100	\$0.60
La Crosse	O C	C	\$0.24		80	\$0.192
Lawrenceville	O C	...	\$1.80		20	\$0.36
Lebanon	O C	...	\$0.75		100	\$0.75
Leesburg	O C	C	\$1.00	1	50	\$0.50
				2	40	\$0.40
				3	30	\$0.30
				4	20	\$0.20
				5+	10	\$0.10
Luray	O C	I N	\$0.40		100	\$0.40
Marion	O C	C	\$0.29		100	\$0.29
Middleburg	O C	C	\$1.00	1	50	\$0.50
				2	40	\$0.40
				3	30	\$0.30
				4	20	\$0.20
				5+	10	\$0.10

... No response provided.

* See the last page of Table 10.1 for key to abbreviations.

† 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, 2005 (continued)

Locality	Basis of Assessment*	Assessment Type*	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100†
				Year	Ratio (%)	
Towns (continued)						
Monterey	O C	I N	\$1.00		10	\$0.10
Narrows	O C	...	\$0.94		12.50	\$0.12
New Market	O C	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
				6+	10	\$0.08
Onancock	O C	C	\$2.00	1	25	\$0.50
				2-3	15	\$0.30
				4+	9	\$0.18
Pearisburg	FMV	C	\$0.47		100	\$0.47
Pennington Gap	OC	...	\$0.25		100	\$0.25
Pound	O C	I N	\$0.44		100	\$0.44
Rocky Mount	O C	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	O C	I N	\$0.10	1-5	50	\$0.05
				6+	20	\$0.02
Saint Paul	O C	I N	\$0.31		100	\$0.31
Shenandoah	O C	...	\$0.40		100	\$0.40
Smithfield	O C	G	\$0.15		100	\$0.15
South Boston	O C	I N	\$0.31		15	\$0.047
South Hill	N/A	G	\$0.38		80	\$0.304
Stanley	O C	I N	\$0.45		100	\$0.45
Stephens City	O C	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
Stuart	O C	G	\$0.33		30	\$0.099
Surry	N/A	G	\$0.60		100	\$0.60
Tangier	O C	...	\$1.25		100	\$1.25
Tappahannock	O C	C	\$1.00		10	\$0.10
Timberville	O C	I N	\$0.30		100	\$0.30
Victoria	O C	...	\$0.75		33.3	\$0.25
Vinton	O C	I N	\$1.00	1-5	25	\$0.25
				6-10	20	\$0.20
				11+	15	\$0.15
Wakefield	O C	C	\$0.86		100	\$0.86
Warrenton	O C	...	\$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
Warsaw	BV	C	\$0.60		100	\$0.60

... No response provided.

* See the last page of Table 10.1 for key to abbreviations.

† 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, 2005 (continued)

Locality	Basis of Assessment	Assessment Type	Nominal Rate Per \$100	Assessment		Effective Rate Per \$100 [†]
				Year	Ratio (%)	
Towns (continued)						
Waverly	O C	I N	\$1.06	1-5	50	\$0.53
				6-15	40	\$0.44
				16-25	25	\$0.27
				26+	10	\$0.11
West Point	O C	G	\$2.25		25	\$0.56
Windsor	O C	G	\$0.10		100	\$0.10
Wise	O C	I N	\$0.53		100	\$0.53
Woodstock	O C	I N	\$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
Wytheville	O C	I N	\$0.28	1-5	50	\$0.14
				6+	20	\$0.056
Town effective tax rates, one year property:						
Unweighted mean						\$0.39
Median						\$0.38
First quartile						\$0.17
Third quartile						\$0.56
... No response provided.						
[†] Effective rates in different localities are not comparable unless they share the same basis of assessment and assessment schedule.						
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		

**Table 10.2
Machinery and Tools Tax: Semiconductor and Forestry Harvest Equipment, 2005**

Locality	Semiconductor				Harvest Equipment			
	District	Rate Per \$100 of Assessed Value	Year	Percentage	District	Rate Per \$100 of Assessed Value	Year	Percentage
Cities (Note: All cities responded to the survey. Those that answered "not applicable" for all items in this table are excluded.)								
Bristol	All	\$6.00	All	11	N/A	N/A	N/A	N/A
Falls Church	All	\$4.71	1	80	N/A	N/A	N/A	N/A
			2	70				
			3	60				
			4	50				
			5	40				
			6	30				
			7+	20				
Counties (Note: All counties responded to the survey. Those that answered "not applicable" for all items are excluded.)								
Accomack	N/A	N/A	N/A	N/A	District 2	\$3.24	1	25
							2	20
							3	20
							4	15
					District 3	\$3.26	1	25
							2	20
							3	20
							4	15
					District 4 & 5	\$3.22	1	25
							2	20
							3	20
							4	15
					District 6	\$3.13	1	25
							2	20
							3	20
							4	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	40
							2	30
							3	20
Buckingham	N/A	N/A	N/A	N/A	All	\$2.90	1 to 9	15
							10 to 19	10
							20+	5
Charles City	All	\$2.50	1	50	All	\$2.50	1	50
			2	40			2	40
			3	30			3	30
			4	20			4	20
			5+	10			5+	10
Chesterfield	All	\$1.00	1 to 10	25	All	\$1.00	1 to 10	25
			11 to 20	20			11 to 20	20
			20+	15			20+	15
			Idle + unused	1			Idle + unused	1
Fairfax	All	\$4.57	1	80	All	\$4.57	N/A	0
			2	70				
			3	60				
			4	50				
			5	40				
			6	30				
			7+	20				
Gloucester	N/A	N/A	N/A	N/A	All	\$2.20	1 to 7	30
							8+	10
Stafford	N/A	N/A	N/A	N/A	All	\$0.75	1	90
							2	80
							3	65
							4	50
							5	35
							6+	20
Towns (No towns answered having equipment from semiconductor and forest product harvesting companies.)								
N/A Not applicable.								