

## 2020 Valuation Factors

	commercial 4 - year	commercial 5 - year	commercial 6 - year	commercial 8 - year	commercial 10 - year	commercial 12 - year	commercial 15 - year	commercial 20 - year	commercial 25 - year	commercial 30 - year	commercial 40 - year
	<b>A04</b>	<b>A05</b>	<b>A06</b>	<b>A08</b>	<b>A10</b>	<b>A12</b>	<b>A15</b>	<b>A20</b>	<b>A25</b>	<b>A30</b>	<b>A40</b>
<b>2019</b>	75	80	84	88	91	93	95	96	97	98	99
<b>2018</b>	53	63	71	79	85	88	93	97	99	100	102
<b>2017</b>	33	46	56	70	78	83	89	95	98	101	103
<b>2016</b>	17	31	41	59	69	76	85	93	97	100	104
<b>2015</b>	11	19	28	47	60	69	78	88	94	98	102
<b>2014</b>	11	11	19	36	51	62	73	85	91	96	101
<b>2013</b>	11	11	11	28	42	54	67	80	89	94	101
<b>2012</b>	11	11	11	20	35	47	60	76	86	93	100
<b>2011</b>	11	11	11	14	28	40	56	74	85	92	101
<b>2010</b>	11	11	11	12	23	35	51	71	83	93	102
<b>2009</b>	11	11	11	12	17	28	45	66	79	89	100
<b>2008</b>	11	11	11	12	13	23	40	62	78	89	101
<b>2007</b>	11	11	11	12	13	19	35	59	77	88	103
<b>2006</b>	11	11	11	12	13	16	32	57	75	88	106
<b>2005</b>	11	11	11	12	13	14	27	53	74	89	107
<b>2004</b>	11	11	11	12	13	14	25	53	75	91	113
<b>2003</b>	11	11	11	12	13	14	21	48	72	89	113
<b>2002</b>	11	11	11	12	13	14	18	45	68	88	112
<b>2001</b>	11	11	11	12	13	14	16	39	64	84	110
<b>2000</b>	11	11	11	12	13	14	16	34	59	80	108
<b>1999</b>	11	11	11	12	13	14	16	32	56	78	107
<b>1998</b>	11	11	11	12	13	14	16	27	51	73	103
<b>1997</b>	11	11	11	12	13	14	16	24	46	69	101
<b>1996</b>	11	11	11	12	13	14	16	21	44	67	101
<b>1995</b>	11	11	11	12	13	14	16	20	40	63	99
<b>1994</b>	11	11	11	12	13	14	16	17	38	60	99
<b>1993</b>	11	11	11	12	13	14	16	17	35	58	99
<b>1992</b>	11	11	11	12	13	14	16	17	32	56	97
<b>1991</b>	11	11	11	12	13	14	16	17	29	51	93
<b>1990</b>	11	11	11	12	13	14	16	17	28	48	93
<b>1989</b>	11	11	11	12	13	14	16	17	25	46	90
<b>1988</b>	11	11	11	12	13	14	16	17	23	44	90
<b>1987</b>	11	11	11	12	13	14	16	17	21	44	90
<b>1986</b>	11	11	11	12	13	14	16	17	19	40	89
<b>1985</b>	11	11	11	12	13	14	16	17	19	37	84
<b>1984</b>	11	11	11	12	13	14	16	17	19	35	83
<b>1983</b>	11	11	11	12	13	14	16	17	19	34	81
<b>1982</b>	11	11	11	12	13	14	16	17	19	30	78
<b>1981</b>	11	11	11	12	13	14	16	17	19	30	77

## 2020 Valuation Factors

	agricultural 5-year	agricultural harvesters avg	agricultural mobile avg	agricultural fixed equipment	wind machines
	<b>B05</b>	<b>B08</b>	<b>B10</b>	<b>B15</b>	<b>B25</b>
2019	80	82	85	95	97
2018	63	73	78	92	98
2017	46	66	74	87	97
2016	31	58	67	83	94
2015	19	51	61	77	92
2014	11	45	56	71	90
2013	11	41	51	66	88
2012	11	36	47	60	85
2011	11	32	42	55	84
2010	11	28	39	50	82
2009	11	25	36	45	80
2008	11	23	34	41	79
2007	11	22	34	36	79
2006	11	22	32	32	76
2005	11	22	30	27	73
2004	11	22	29	24	73
2003	11	22	29	21	71
2002	11	22	29	18	66
2001	11	22	29	17	62
2000	11	22	29	17	59
1999	11	22	29	17	55
1998	11	22	29	17	51
1997	11	22	29	17	46
1996	11	22	29	17	44
1995	11	22	29	17	40
1994	11	22	29	17	38
1993	11	22	29	17	36
1992	11	22	29	17	33
1991	11	22	29	17	30
1990	11	22	29	17	29
1989	11	22	29	17	26
1988	11	22	29	17	24
1987	11	22	29	17	22
1986	11	22	29	17	22
1985	11	22	29	17	22
1984	11	22	29	17	22
1983	11	22	29	17	22
1982	11	22	29	17	22
1981	11	22	29	17	22

## 2020 Valuation Factors

	industrial 5 - year	industrial 6 - year	industrial 8 - year	industrial 10 - year	industrial 12 - year	industrial 15 - year	industrial 17 - year	industrial 20 - year	industrial 30 - year	industrial 40 - year
	<b>I05</b>	<b>I06</b>	<b>I08</b>	<b>I10</b>	<b>I12</b>	<b>I15</b>	<b>I17</b>	<b>I20</b>	<b>I30</b>	<b>I40</b>
<b>2019</b>	80	84	88	91	93	95	95	96	98	99
<b>2018</b>	63	70	78	84	88	92	94	96	99	101
<b>2017</b>	46	55	69	77	83	88	91	94	100	102
<b>2016</b>	30	41	58	67	75	83	87	91	98	102
<b>2015</b>	18	28	46	59	67	77	81	87	96	101
<b>2014</b>	10	18	36	50	60	71	77	83	94	99
<b>2013</b>	10	11	27	41	53	65	72	78	93	99
<b>2012</b>	10	10	20	34	46	59	67	75	91	98
<b>2011</b>	10	10	13	27	39	55	63	72	90	99
<b>2010</b>	10	10	10	22	33	49	59	69	90	99
<b>2009</b>	10	10	10	16	28	44	53	64	86	98
<b>2008</b>	10	10	10	13	22	38	48	59	85	96
<b>2007</b>	10	10	10	11	18	34	45	57	85	99
<b>2006</b>	10	10	10	11	15	30	40	53	83	99
<b>2005</b>	10	10	10	11	13	26	36	50	83	100
<b>2004</b>	10	10	10	11	12	22	33	48	82	102
<b>2003</b>	10	10	10	11	12	19	29	44	81	103
<b>2002</b>	10	10	10	11	12	16	25	40	78	100
<b>2001</b>	10	10	10	11	12	14	21	35	75	98
<b>2000</b>	10	10	10	11	12	12	18	31	71	96
<b>1999</b>	10	10	10	11	12	12	15	28	69	94
<b>1998</b>	10	10	10	11	12	12	13	24	65	92
<b>1997</b>	10	10	10	11	12	12	13	21	61	90
<b>1996</b>	10	10	10	11	12	12	13	19	59	90
<b>1995</b>	10	10	10	11	12	12	13	18	56	89
<b>1994</b>	10	10	10	11	12	12	13	15	53	88
<b>1993</b>	10	10	10	11	12	12	13	13	51	87
<b>1992</b>	10	10	10	11	12	12	13	13	49	85
<b>1991</b>	10	10	10	11	12	12	13	13	45	82
<b>1990</b>	10	10	10	11	12	12	13	13	43	83
<b>1989</b>	10	10	10	11	12	12	13	13	41	80
<b>1988</b>	10	10	10	11	12	12	13	13	39	80
<b>1987</b>	10	10	10	11	12	12	13	13	39	80
<b>1986</b>	10	10	10	11	12	12	13	13	36	79
<b>1985</b>	10	10	10	11	12	12	13	13	33	75
<b>1984</b>	10	10	10	11	12	12	13	13	32	75
<b>1983</b>	10	10	10	11	12	12	13	13	30	72
<b>1982</b>	10	10	10	11	12	12	13	13	27	70
<b>1981</b>	10	10	10	11	12	12	13	13	27	69

## 2020 Valuation Factors

	construction mobile avg	off-set lithographic press	document processors	set-top boxes	general contractors
	<b>D01</b>	<b>D02</b>	<b>D03</b>	<b>D04</b>	<b>D05</b>
2019	83	91	58	68	93
2018	78	82	47	47	89
2017	70	74	32	31	82
2016	66	66	28	19	74
2015	61	58	23	11	67
2014	58	50	19	6	61
2013	52	43	15	2	54
2012	49	37	13	2	47
2011	46	31	10	2	41
2010	43	23	10	2	35
2009	38	20	10	2	29
2008	37	17	10	2	24
2007	35	13	10	2	20
2006	33	10	10	2	16
2005	32	10	10	2	14
2004	31	10	10	2	14
2003	27	10	10	2	14
2002	23	10	10	2	14
2001	20	10	10	2	14
2000	17	10	10	2	14
1999	17	10	10	2	14
1998	17	10	10	2	14
1997	17	10	10	2	14
1996	17	10	10	2	14
1995	17	10	10	2	14
1994	17	10	10	2	14
1993	17	10	10	2	14
1992	17	10	10	2	14
1991	17	10	10	2	14
1990	17	10	10	2	14
1989	17	10	10	2	14
1988	17	10	10	2	14
1987	17	10	10	2	14
1986	17	10	10	2	14
1985	17	10	10	2	14
1984	17	10	10	2	14
1983	17	10	10	2	14
1982	17	10	10	2	14
1981	17	10	10	2	14

## 2020 Valuation Factors

	apartment furniture & appliances		banks	banks signs cameras tv equip	banks thru-wall (affixed) atm's	banks cafeteria eq counterlines partitions	banks drive/walk-up windows, kiosks	banks night depositories vaults
	<b>E00</b>		<b>H08</b>	<b>H10</b>	<b>H12</b>	<b>H15</b>	<b>H20</b>	<b>H40</b>
2019	88	2019	88	91	93	95	96	99
2018	79	2018	79	85	88	93	97	102
2017	70	2017	70	78	83	89	95	103
2016	59	2016	59	69	76	85	93	104
2015	47	2015	47	60	69	78	88	102
2014	36	2014	36	51	62	73	85	101
2013	28	2013	28	42	54	67	80	101
2012	20	2012	20	35	47	60	76	100
2011	14	2011	14	28	40	56	74	101
2010	12	2010	12	23	35	51	71	102
2009	12	2009	12	17	28	45	66	100
2008	12	2008	12	13	23	40	62	101
2007	12	2007	12	13	19	35	59	103
2006	12	2006	12	13	16	32	57	106
2005	12	2005	12	13	14	27	53	107
2004	12	2004	12	13	14	25	53	113
2003	12	2003	12	13	14	21	48	113
2002	12	2002	12	13	14	18	45	112
2001	12	2001	12	13	14	16	39	110
2000	12	2000	12	13	14	16	34	108
1999	12	1999	12	13	14	16	32	107
1998	12	1998	12	13	14	16	27	103
1997	12	1997	12	13	14	16	24	101
1996	12	1996	12	13	14	16	21	101
1995	12	1995	12	13	14	16	20	99
1994	12	1994	12	13	14	16	17	99
1993	12	1993	12	13	14	16	17	99
1992	12	1992	12	13	14	16	17	97
1991	12	1991	12	13	14	16	17	93
1990	12	1990	12	13	14	16	17	93
1989	12	1989	12	13	14	16	17	90
1988	12	1988	12	13	14	16	17	90
1987	12	1987	12	13	14	16	17	90
1986	12	1986	12	13	14	16	17	89
1985	12	1985	12	13	14	16	17	84
1984	12	1984	12	13	14	16	17	83
1983	12	1983	12	13	14	16	17	81
1982	12	1982	12	13	14	16	17	78
1981	12	1981	12	13	14	16	17	77



## 2020 Valuation Factors

	personal computers	LAN eq mainframes
	V01	V02
2019	54	73
2018	39	47
2017	24	30
2016	15	19
2015	10	12
2014	6	8
2013	4	5
2012	2	3
2011	2	2
2010	2	2
2009	2	2
2008	2	2
2007	2	2
2006	2	2
2005	2	2
2004	2	2
2003	2	2
2002	2	2
2001	2	2
2000	2	2
1999	2	2
1998	2	2
1997	2	2
1996	2	2
1995	2	2
1994	2	2
1993	2	2
1992	2	2
1991	2	2
1990	2	2
1989	2	2
1988	2	2
1987	2	2
1986	2	2
1985	2	2
1984	2	2
1983	2	2
1982	2	2
1981	2	2

Personal Computers includes Desktops, Docking Stations, Ink Jet Printers, Laptops, Laser Printers, Mini Towers, Monitors, Netbooks, Notebooks, PC Power Supply, Scanners and Workstations.

Local Area Networks includes External Storage Devices, Hubs, Mainframes, Network Attached Storage Devices, Routers, Servers and Switches.

Computers used in any application directly related to manufacturing, or used to control or monitor machinery or equipment, should be reported in Schedule A, Column 1.

## 2020 Valuation Factors

	commercial 6 - year plus sales tax	document processors plus sales tax	industrial 10 - year plus sales tax	ag mobile average plus sales tax	commercial 12 - year plus sales tax
	<b>T06</b>	<b>T07</b>	<b>T09</b>	<b>T10</b>	<b>T12</b>
2019	91	63	98	88	100
2018	77	51	91	80	95
2017	60	35	83	76	90
2016	44	30	73	69	82
2015	30	25	64	63	75
2014	21	21	54	58	67
2013	12	16	44	52	58
2012	12	14	37	48	51
2011	12	11	29	43	44
2010	12	11	24	40	38
2009	12	11	17	37	31
2008	12	11	14	35	25
2007	12	11	12	35	21
2006	12	11	12	33	17
2005	12	11	12	31	15
2004	12	11	12	30	15
2003	12	11	12	30	15
2002	12	11	12	30	15
2001	12	11	12	31	15
2000	12	11	12	31	15
1999	12	11	12	31	15
1998	12	11	12	31	15
1997	12	11	12	31	15
1996	12	11	12	31	15
1995	12	11	12	31	15
1994	12	11	12	31	15
1993	12	11	12	31	15
1992	12	11	12	31	15
1991	12	11	12	31	15
1990	12	11	12	31	15
1989	12	11	12	31	15
1988	12	11	12	31	15
1987	12	11	12	31	15
1986	12	11	12	31	15
1985	12	11	12	31	15
1984	12	11	12	31	15
1983	12	11	12	31	15
1982	12	11	12	31	15
1981	12	11	12	31	15