

Reference Material

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Please note. Corrections for all of the chapters are available at www.TaxSchool.illinois.edu. For clarification about acronyms used throughout this chapter, see the Acronym Glossary at the end of the Index.

INFLATION ADJUSTED ITEMS AND OTHER USEFUL INFORMATION

	2018	2019
Standard Deductions		
Joint or Qualifying Widow(er)	\$ 24,000	\$ 24,400
Single	12,000	12,200
Head of Household	18,000	18,350
Married Filing Separately	12,000	12,200
Additional for Elderly/Blind — MFJ, MFS, QW	1,300	1,300
Additional for Elderly/Blind — Single, HoH	1,600	1,650
Taxpayer Claimed as Dependent	1,050 ^a	1,100 ^b
Exemption Amounts for Alternative Minimum Tax (AMT)		
Joint or Qualifying Widow(er) and Surviving Spouse	109,400	111,700
Single or Head of Household	70,300	71,700
Married Filing Separately	54,700	55,850
Estates and trusts	24,600	25,000
AMT Phaseouts		
Single, HoH, MFS, QW	500,000	510,300
MFJ	1,000,000	1,020,600
Long-Term Care Premium Limitations		
Age 40 or less	420	420
Age more than 40 but not more than 50	780	780
Age more than 50 but not more than 60	1,560	1,580
Age more than 60 but not more than 70	4,160	4,220
Age more than 70	5,200	5,270

^a The 2018 standard deduction is the greater of \$1,050, or \$350 plus the dependent’s earned income.

^b The 2019 standard deduction is the greater of \$1,100, or \$350 plus the dependent’s earned income.

2019 Workbook

	2018	2019
Child's Unearned Income Not Subject to Parent's Tax Rate	\$ 2,100	\$ 2,200
Beginning/Ending of Personal Exemption Phaseout Range — Based on AGI		
Joint or Qualifying Widow(er)	0	0
Single	0	0
Head of Household	0	0
Married Filing Separately	0	0
IRC §179 Deduction Limit	1,000,000	1,020,000
IRC §179 Asset Limitation	2,500,000	2,550,000
FICA/SE Tax Information		
OASDI Tax Maximum Earnings	128,400	132,900
FICA (OASDI and HI) Tax Rate (Employee)	7.65%	7.65%
SE Tax Rate	15.30%	15.30%
Self-Employed Health Insurance Deduction	100%	100%
Estimated Tax Payments (AGI ≤ \$150,000)		
Prior Year Tax % or	100%	100%
Current Year Tax %	80%	90%
Estimated Tax Payments (AGI > \$150,000)	110%	110%
Earnings Ceiling for Social Security		
Under full retirement age	17,040	17,640
The year full retirement age is reached	45,360	46,920
The month full retirement age is reached, and above	Unlimited	Unlimited
Earnings Required to Earn One Quarter of Social Security Coverage	1,320	1,360
Estate and Gift Tax Applicable Exclusion Amount	11,180,000	11,400,000
Annual Gift Exclusion Amount	15,000	15,000
Adoption Credit		
Special Needs Child	13,810	14,080
Other Children (limited to qualified expenses)	13,810	14,080
Phaseout Amount	207,140 / 247,140	211,160 / 251,160

2019 Workbook

2019 Capital Gain Rates (new capital gain brackets,^a not tied to regular tax rates for 2019 to 2025) CG = capital gain, CGI = capital gain income

CG Bracket	Single CGI is...		MFJ CGI is...		MFS CGI is...		HoH CGI is...	
	Over	But Not Over	Over	But Not Over	Over	But Not Over	Over	But Not Over
0%	\$ 0	\$ 39,375	\$ 0	\$ 78,750	\$ 0	\$ 39,375	\$ 0	\$ 52,750
15%	39,375	434,550	78,750	488,850	39,375	244,425	52,750	461,700
20%	434,550		488,850		244,425		461,700	

^a These capital gain tax brackets are indexed for inflation using the Chained Consumer Price Index-for all Urban Consumers C-CPI-U.)

2018 Capital Gain Rates (new capital gain brackets,^a not tied to regular tax rates for 2018 to 2025) CG = capital gain, CGI = capital gain income

CG Bracket	Single CGI is...		MFJ CGI is...		MFS CGI is...		HoH CGI is...	
	Over	But Not Over	Over	But Not Over	Over	But Not Over	Over	But Not Over
0%	\$ 0	\$ 38,600	\$ 0	\$ 77,200	\$ 0	\$ 38,600	\$ 0	\$ 51,700
15%	38,600	425,800	77,200	479,000	38,600	239,500	51,700	452,400
20%	425,800		479,000		239,500		452,400	

^a These capital gain tax brackets will be indexed for inflation after 2018, using the Chained Consumer Price Index-for all Urban Consumers C-CPI-U.)

	2018	2019
Capital Gain Rates		
For Recapture Gain on Real Estate — Unrecaptured IRC §1250 Gain	25%	25%
For Most Collectibles	28%	28%
For IRC §1202 Qualified Small Business Stock	28%	28%

2019 Workbook

	2018	2019
Lifetime Learning Credits		
Maximum credit	\$ 2,000	\$ 2,000
Phaseout — Single, HoH, QW	57,000– 67,000	58,000– 68,000
Phaseout — MFJ	114,000–134,000	116,000–136,000
Hope/American Opportunity Credit		
Maximum credit	2,500	2,500
Phaseout — Single, HoH, QW	80,000– 90,000	80,000– 90,000
Phaseout — MFJ	160,000–180,000	160,000–180,000
Earned Income Tax Credit		
One child		
Minimum earned income for maximum EITC	10,180	10,370
Maximum Amount of Credit	3,461	3,526
Phaseout Amount (single and head of household)	18,660 / 40,320	19,030 / 41,094
Phaseout Amount (married filing jointly)	24,350 / 46,010	24,820 / 46,884
Two Children		
Minimum earned income for maximum EITC	14,290	14,570
Maximum Amount of Credit	5,716	5,828
Phaseout Amount (single and head of household)	18,660 / 45,802	19,030 / 46,703
Phaseout Amount (married filing jointly)	24,350 / 51,492	24,820 / 52,493
Three or More Children		
Minimum earned income for maximum EITC	14,290	14,570
Maximum Amount of Credit	6,431	6,557
Phaseout Amount (single and head of household)	18,660 / 49,194	19,030 / 50,162
Phaseout Amount (married filing jointly)	24,350 / 54,884	24,820 / 55,952
No children		
Minimum earned income for maximum EITC	6,780	6,920
Maximum Amount of Credit	519	529
Phaseout Amount (single and head of household)	8,490 / 15,270	8,650 / 15,570
Phaseout Amount (married filing jointly)	14,170 / 20,950	14,450 / 21,370
Child Tax Credit (Partially Refundable)	\$ 2,000	\$ 2,000
Child Tax Credit (Nonrefundable for Other Qualifying Dependents)	500	500
Child Tax Credit AGI Pheasout		
MFJ	400,000–440,000	400,000–440,000
Single, HoH, QW	200,000–240,000	200,000–240,000
MFS	200,000–240,000	200,000–240,000

2019 Workbook

Daycare Provider Standard Meal Allowance July 1, 2018 through June 30, 2019

	48 States	Alaska	Hawaii
Breakfast	\$1.31	\$2.09	\$1.53
Lunch/Dinner	2.46	3.99	2.88
Snack	.73	1.19	.86

Daycare Provider Standard Meal Allowance July 1, 2017 through June 30, 2018

	48 States	Alaska	Hawaii
Breakfast	\$1.31	\$2.09	\$1.53
Lunch/Dinner	2.46	3.99	2.88
Snack	.73	1.19	.86

M&IE (Meals-and-Incidental-Expense-Only) Rates for Transportation Workers for Travel Away from Home

Locality	Oct. 1, 2016–Sep. 30, 2017	Oct. 1, 2017–Sep. 30, 2018
CONUS (continental U.S.)	\$63	\$63
OCONUS (outside the continental U.S.)	68	68

High and Low Per Diem Reimbursements

	Oct. 1, 2016–Sep. 30, 2017	Oct. 1, 2017–Sep. 30, 2018
High cost areas	\$282 (\$68 for M&IE)	\$284 (\$68 for M&IE)
Basic/low cost areas	\$189 (\$57 for M&IE)	\$191 (\$57 for M&IE)

2019 Workbook

DEPRECIATION LIMITS FOR LUXURY VEHICLES¹

Tax Year	Used Passenger Vehicles	New Passenger Vehicles	Used Trucks and Vans	New Trucks and Vans
Placed in service in 2019				
1	\$10,100 ^a	\$10,100 ^a	\$10,100 ^a	\$10,100 ^a
2	16,100	16,100	16,100	16,100
3	9,700	9,700	9,700	9,700
4 or more	5,760	5,760	5,760	5,760
Placed in service in 2018				
1	\$10,000 ^b	\$10,000 ^b	\$10,000 ^b	\$10,000 ^b
2	16,000	16,000	16,000	16,000
3	9,600	9,600	9,600	9,600
4 or more	5,760	5,760	5,760	5,760
Placed in service in 2017				
1	\$3,160 ^c	\$3,160 ^c	\$3,560 ^c	\$3,560 ^c
2	5,100	5,100	5,700	5,700
3	3,050	3,050	3,450	3,450
4 or more	1,875	1,875	2,075	2,075
Placed in service in 2016				
1	\$3,160 ^c	\$3,160 ^c	\$3,560 ^c	\$3,560 ^c
2	5,100	5,100	5,700	5,700
3	3,050	3,050	3,350	3,350
4 or more	1,875	1,875	2,075	2,075
Placed in service in 2015				
1	\$3,160 ^c	\$3,160 ^c	\$3,460 ^c	\$3,460 ^c
2	5,100	5,100	5,600	5,600
3	3,050	3,050	3,350	3,350
4 or more	1,875	1,875	1,975	1,975
Placed in service in 2014				
1	\$3,160 ^c	\$3,160 ^c	\$3,460 ^c	\$3,460 ^c
2	5,100	5,100	5,500	5,500
3	3,050	3,050	3,350	3,350
4 or more	1,875	1,875	1,975	1,975

^a For passenger automobiles, vans, and light trucks **placed in service in 2019**, new and used vehicles qualify for bonus depreciation, for a maximum first year depreciation of \$18,100, if bonus depreciation is claimed.

^b For passenger automobiles, vans, and light trucks **acquired after September 27, 2017 and placed in service in 2018**, new and used vehicles qualify for bonus depreciation, for a maximum first year depreciation of \$18,000, if bonus depreciation is claimed.

For the same vehicles **acquired before September 28, 2017 and placed in service in 2018**, new and used vehicles qualify for bonus depreciation, for a maximum first year depreciation of \$16,400, if bonus depreciation is claimed.

^c For 2014–2017, bonus depreciation is available only for new vehicles placed in service. The maximum first-year depreciation for new passenger vehicles is \$11,160 (2014–2017) and for trucks and vans is \$11,460 (2014–2015) and \$11,560 (2016–2017).

¹ Rev. Procs. 2014-21, 2015-19, 2016-23, 2017-29, 2018-25, and 2019-26.

2019 Workbook

SAVER'S CREDIT — 2019 (RETIREMENT SAVINGS CONTRIBUTIONS CREDIT)

Maximum Credit

	2018	2019
Single, MFS, HoH, QW	\$1,000	\$1,000
MFJ	2,000	2,000

2019 Credit Rate

Credit Rate	MFJ		HoH		Single, MFS, QW	
	AGI Over	But Not Over	AGI Over	But Not Over	AGI Over	But Not Over
50%	\$ 0	\$38,500	\$ 0	\$28,875	\$ 0	\$19,250
20%	38,500	41,500	28,875	31,125	19,250	20,750
10%	41,500	64,000	31,125	48,000	20,750	32,000
0%	64,000		48,000		32,000	

QUALIFIED RETIREMENT PLAN LIMITATIONS²

	2018	2019
Contributions/Deferrals		
Maximum deductible employee annual retirement contribution (401(k), 403(b), 457, SARSEP, Thrift Savings Plans)	\$ 18,500	\$ 19,000
Catch-up contributions (age 50 or over)	6,000	6,000
Maximum annual deferral under SIMPLE IRA and SIMPLE 401(k)	12,500	13,000
Catch-up deferral (age 50 or over)	3,000	3,000
Maximum traditional and Roth IRA annual contributions (the annual limit is lesser of 100% of taxable compensation or listed amount)	5,500	6,000
Catch-up contributions (age 50 or over)	1,000	1,000
Maximum employer contribution to SEP IRA (the annual limit is lesser of 25% of compensation or listed amount)	55,000	56,000
Income limitations		
Maximum annual benefit for a defined benefit plan (based on annual compensation, the annual limits may be less)	220,000	225,000
Maximum annual contribution to all defined contribution plans (the annual limit is lesser of 100% of compensation or listed amount)	55,000	56,000
Earnings threshold for highly-compensated employees	120,000	125,000
Earnings threshold for key employee in top-heavy plan	175,000	180,000

² IRS Notice 2018-83, 2018-47 IRB 774; IRS Notice 2017-64, 2017-45 IRB 486.

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UNIFORM LIFETIME TABLE/SINGLE LIFE EXPECTANCY TABLE

This table combines the *Uniform Lifetime Table* and the *Single Life Expectancy Table* found in IRS Pub. 590-B, *Distributions from Individual Retirement Arrangements (IRAs)*.

Age	Single Life ^a	Uniform Life ^b	Age	Single Life ^a	Uniform Life ^b	Age	Single Life ^a	Uniform Life ^b	Age	Single Life ^a	Uniform Life ^b
10	72.8	86.2	34	49.4	62.3	58	27.0	38.7	82	9.1	17.1
11	71.8	85.2	35	48.5	61.4	59	26.1	37.8	83	8.6	16.3
12	70.8	84.2	36	47.5	60.4	60	25.2	36.8	84	8.1	15.5
13	69.9	83.2	37	46.5	59.4	61	24.4	35.8	85	7.6	14.8
14	68.9	82.2	38	45.6	58.4	62	23.5	34.9	86	7.1	14.1
15	67.9	81.2	39	44.6	57.4	63	22.7	33.9	87	6.7	13.4
16	66.9	80.2	40	43.6	56.4	64	21.8	33.0	88	6.3	12.7
17	66.0	79.2	41	42.7	55.4	65	21.0	32.0	89	5.9	12.0
18	65.0	78.2	42	41.7	54.4	66	20.2	31.1	90	5.5	11.4
19	64.0	77.3	43	40.7	53.4	67	19.4	30.2	91	5.2	10.8
20	63.0	76.3	44	39.8	52.4	68	18.6	29.2	92	4.9	10.2
21	62.1	75.3	45	38.8	51.5	69	17.8	28.3	93	4.6	9.6
22	61.1	74.3	46	37.9	50.5	70	17.0	27.4	94	4.3	9.1
23	60.1	73.3	47	37.0	49.5	71	16.3	26.5	95	4.1	8.6
24	59.1	72.3	48	36.0	48.5	72	15.5	25.6	96	3.8	8.1
25	58.2	71.3	49	35.1	47.5	73	14.8	24.7	97	3.6	7.6
26	57.2	70.3	50	34.2	46.5	74	14.1	23.8	98	3.4	7.1
27	56.2	69.3	51	33.3	45.5	75	13.4	22.9	99	3.1	6.7
28	55.3	68.3	52	32.3	44.6	76	12.7	22.0	100	2.9	6.3
29	54.3	67.3	53	31.4	43.6	77	12.1	21.2	101	2.7	5.9
30	53.3	66.3	54	30.5	42.6	78	11.4	20.3	102	2.5	5.5
31	52.4	65.3	55	29.6	41.6	79	10.8	19.5	103	2.3	5.2
32	51.4	64.3	56	28.7	40.7	80	10.2	18.7	104	2.1	4.9
33	50.4	63.3	57	27.9	39.7	81	9.7	17.9	105	1.9	4.5

^a IRS Pub. 590-B, *Distributions from Individual Retirement Arrangements (IRAs)*, pp. 44–45 (2018).

^b Rev. Rul. 2002-62, 2002-42 IRB 710, 712.

Column 1: Age refers to either the owner while living or the beneficiary after owner's death.

Column 2: Single Life is used for a beneficiary.

Column 3: Uniform Life is used by owner before death.

2019 Workbook

OTHER RATES FOR VEHICLES

	2017	2018	2019
Auto Standard Mileage Allowance			
Business	\$0.535	\$0.545	\$0.58
Charity work	0.14	0.14	0.14
Medical/moving	0.17	0.18	0.20
Qualified Transportation Fringe (expressed as monthly limits)			
Vehicle/transit pass limit	\$255	\$260	\$265
Qualified parking limit	255	260	\$265
Qualified bicycle limit	20	0 ^a	0 ^a

^a The qualified bicycle limit is suspended during the TCJA period (2018–2025).

TAX RATES FOR 2019

Single Taxpayers

If Taxable Income Is			
Over	But Not Over	The Tax Is	Of the Amount Over
\$ 0	\$ 9,700	10%	\$ 0
9,700	39,475	970.00 + 12%	9,700
39,475	84,200	4,543.00 + 22%	39,475
84,200	160,725	14,382.50 + 24%	84,200
160,725	204,100	32,748.50 + 32%	160,725
204,100	510,300	46,628.50 + 35%	204,100
510,300		153,789.50 + 37%	510,300

Married Individuals Filing Joint Returns and Surviving Spouses

If Taxable Income Is			
Over	But Not Over	The Tax Is	Of the Amount Over
\$ 0	\$ 19,400	10%	\$ 0
19,400	78,950	1,940.00 + 12%	19,400
78,950	168,400	9,086.00 + 22%	78,950
168,400	321,450	28,765.00 + 24%	168,400
321,450	408,200	65,497.00 + 32%	321,450
408,200	612,350	93,257.00 + 35%	408,200
612,350		164,709.50 + 37%	612,350

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Married Individuals Filing Separate Returns

If Taxable Income Is			
Over	But Not Over	The Tax Is	Of the Amount Over
\$ 0	\$ 9,700	10%	\$ 0
9,700	39,475	970.00 + 12%	9,700
39,475	84,200	4,543.00 + 22%	39,475
84,200	160,725	14,382.50 + 24%	84,200
160,725	204,100	32,748.50 + 32%	160,725
204,100	306,175	46,628.50 + 35%	204,100
306,175		82,354.75 + 37%	306,175

Head of Household

If Taxable Income Is			
Over	But Not Over	The Tax Is	Of the Amount Over
\$ 0	\$ 13,850	10%	\$ 0
13,850	52,850	1,385.00 + 12%	13,850
52,850	84,200	6,065.00 + 22%	52,850
84,200	160,700	12,962.00 + 24%	84,200
160,700	204,100	31,322.00 + 32%	160,700
204,100	510,300	45,210.00 + 35%	204,100
510,300		152,380.00 + 37%	510,300

Trusts and Estates

If Taxable Income Is			
Over	But Not Over	The Tax Is	Of the Amount Over
\$ 0	\$2,600	10%	\$ 0
2,600	9,300	260.00 + 24%	2,600
9,300	12,750	1,868.00 + 35%	9,300
12,750		3,075.50 + 37%	12,750

FEDERAL LAND BANK INTEREST RATES FOR VALUING FARMLAND UNDER SPECIAL USE VALUATION RULES OF IRC §2032A³

Farm Credit Bank District in Which Property is Located	2017 Interest Rates	2018 Interest Rates	2019 Interest Rates
AgFirst, FCB	5.08%	5.09%	5.27%
AgriBank, FCB	4.34%	4.46%	4.68%
CoBank, ACB	4.00%	4.14%	4.37%
Texas, FCB	4.67%	4.76%	5.00%
Farm Credit System Bank	Location of Property		
AgFirst, FCB	Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, Pennsylvania, South Carolina, Virginia, West Virginia		
AgriBank, FCB	Arkansas, Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Tennessee, Wisconsin, Wyoming		
CoBank, ACB	Alaska, Arizona, California, Colorado, Connecticut, Hawaii, Idaho, Kansas, Maine, Massachusetts, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, Oklahoma, Oregon, Rhode Island, Utah, Vermont, Washington		
Texas, FCB	Alabama, Louisiana, Mississippi, Texas		

³ Rev. Rul. 2019-18, 2019-35 IRB 668; Rev. Rul. 2018-22, 2018-2 IRB 308; Rev. Rul. 2017-16, 2017-35 IRB 215.

2019 Workbook

INTEREST RATES FOR NONCORPORATE OVERPAYMENTS AND UNDERPAYMENTS OF TAX 2009–2019

Calendar Quarter Beginning	Rate on Overpayments	Rate on Underpayments
7/1/2019	5%	5%
4/1/2019	6%	6%
1/1/2019	6%	6%
10/1/2019	5%	5%
7/1/2018	5%	5%
4/1/2018	5%	5%
1/1/2018	4%	4%
10/1/2017	4%	4%
7/1/2017	4%	4%
4/1/2017	4%	4%
1/1/2017	4%	4%
10/1/2016	4%	4%
7/1/2016	4%	4%
4/1/2016	4%	4%
1/1/2016	3%	3%
10/1/2015	3%	3%
7/1/2015	3%	3%
4/1/2015	3%	3%
1/1/2015	3%	3%
10/1/2014	3%	3%
7/1/2014	3%	3%
4/1/2014	3%	3%
1/1/2014	3%	3%
10/1/2013	3%	3%
7/1/2013	3%	3%
4/1/2013	3%	3%
1/1/2013	3%	3%
10/1/2012	3%	3%
7/1/2012	3%	3%
4/1/2012	3%	3%
1/1/2012	3%	3%
10/1/2011	3%	3%
7/1/2011	4%	4%
4/1/2011	4%	4%
1/1/2011	3%	3%
10/1/2010	4%	4%
7/1/2010	4%	4%
4/1/2010	4%	4%
1/1/2010	4%	4%
10/1/2009	4%	4%
7/1/2009	4%	4%
4/1/2009	4%	4%
1/1/2009	5%	5%

2019 Workbook

INTEREST RATES ON CORPORATE OVERPAYMENTS AND UNDERPAYMENTS OF TAX 2015–2019

Calendar Quarter Beginning	Rate on Overpayments	Rate on Underpayments
Jul. 1, 2019	4%	5%
Apr. 1, 2019	5%	6%
Jan. 1, 2019	5%	6%
Oct. 1, 2018	4%	5%
Jul. 1, 2018	4%	5%
Apr. 1, 2018	4%	5%
Jan. 1, 2018	3%	4%
Oct. 1, 2017	3%	4%
Jul. 1, 2017	3%	4%
Apr. 1, 2017	3%	4%
Jan. 1, 2017	3%	4%
Oct. 1, 2016	3%	4%
Jul. 1, 2016	3%	4%
Apr. 1, 2016	3%	4%
Jan. 1, 2016	2%	3%
Oct. 1, 2015	2%	3%
Jul. 1, 2015	2%	3%
Apr. 1, 2015	2%	3%
Jan. 1, 2015	2%	3%

INTEREST RATES ON LARGE CORPORATE OVERPAYMENTS AND UNDERPAYMENTS OF TAX 2015–2019

Calendar Quarter Beginning	Rate on Overpayments	Rate on Underpayments
Jul. 1, 2019	2.5%	7%
Apr. 1, 2019	3.5%	8%
Jan. 1, 2019	3.5%	8%
Oct. 1, 2018	2.5%	7%
Jul. 1, 2018	2.5%	7%
Apr. 1, 2018	2.5%	7%
Jan. 1, 2018	1.5%	6%
Oct. 1, 2017	1.5%	6%
Jul. 1, 2017	1.5%	6%
Apr. 1, 2017	1.5%	6%
Jan. 1, 2017	1.5%	6%
Oct. 1, 2016	1.5%	6%
Jul. 1, 2016	1.5%	6%
Apr. 1, 2016	1.5%	6%
Jan. 1, 2016	0.5%	5%
Oct. 1, 2015	0.5%	5%
Jul. 1, 2015	0.5%	5%
Apr. 1, 2015	0.5%	5%
Jan. 1, 2015	0.5%	5%

2019 Workbook

APPLICABLE FEDERAL RATES FOR OCTOBER 2017 THROUGH SEPTEMBER 2019

For the newest AFR tables, go to <http://apps.irs.gov/app/picklist/list/federalRates.html>.

October 2017

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.27%	1.27%	1.27%	1.27%
Mid-term AFR	1.85%	1.84%	1.84%	1.83%
Long-term AFR	2.50%	2.48%	2.47%	2.47%

November 2017

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.38%	1.38%	1.38%	1.38%
Mid-term AFR	2.00%	1.99%	1.99%	1.98%
Long-term AFR	2.60%	2.58%	2.57%	2.57%

December 2017

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.52%	1.51%	1.51%	1.51%
Mid-term AFR	2.11%	2.10%	2.09%	2.09%
Long-term AFR	2.64%	2.62%	2.61%	2.61%

January 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.68%	1.67%	1.67%	1.66%
Mid-term AFR	2.18%	2.17%	2.16%	2.16%
Long-term AFR	2.59%	2.57%	2.56%	2.56%

February 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.81%	1.80%	1.80%	1.79%
Mid-term AFR	2.31%	2.30%	2.29%	2.29%
Long-term AFR	2.66%	2.64%	2.63%	2.63%

2019 Workbook

March 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.96%	1.95%	1.95%	1.94%
Mid-term AFR	2.57%	2.55%	2.54%	2.54%
Long-term AFR	2.88%	2.86%	2.85%	2.84%

April 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.12%	2.11%	2.10%	2.10%
Mid-term AFR	2.72%	2.70%	2.69%	2.68%
Long-term AFR	3.04%	3.02%	3.01%	3.00%

May 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.18%	2.17%	2.16%	2.16%
Mid-term AFR	2.69%	2.67%	2.66%	2.66%
Long-term AFR	2.94%	2.92%	2.91%	2.90%

June 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.34%	2.33%	2.32%	2.32%
Mid-term AFR	2.86%	2.84%	2.83%	2.82%
Long-term AFR	3.05%	3.03%	3.02%	3.01%

July 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.38%	2.37%	2.36%	2.36%
Mid-term AFR	2.87%	2.85%	2.84%	2.83%
Long-term AFR	3.06%	3.04%	3.03%	3.02%

2019 Workbook

August 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.42%	2.41%	2.40%	2.40%
Mid-term AFR	2.80%	2.78%	2.77%	2.76%
Long-term AFR	2.95%	2.93%	2.92%	2.91%

September 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.51%	2.49%	2.48%	2.48%
Mid-term AFR	2.86%	2.84%	2.83%	2.82%
Long-term AFR	3.02%	3.00%	2.99%	2.98%

October 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.55%	2.53%	2.52%	2.52%
Mid-term AFR	2.83%	2.81%	2.80%	2.79%
Long-term AFR	2.99%	2.97%	2.96%	2.95%

November 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.70%	2.68%	2.67%	2.67%
Mid-term AFR	3.04%	3.02%	3.01%	3.00%
Long-term AFR	3.22%	3.19%	3.18%	3.17%

December 2018

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.76%	2.74%	2.73%	2.72%
Mid-term AFR	3.07%	3.05%	3.04%	3.03%
Long-term AFR	3.31%	3.28%	3.27%	3.26%

2019 Workbook

January 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.72%	2.70%	2.69%	2.68%
Mid-term AFR	2.89%	2.87%	2.86%	2.85%
Long-term AFR	3.15%	3.13%	3.12%	3.11%

February 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.57%	2.55%	2.54%	2.54%
Mid-term AFR	2.63%	2.61%	2.60%	2.60%
Long-term AFR	2.91%	2.89%	2.88%	2.87%

March 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.55%	2.53%	2.52%	2.52%
Mid-term AFR	2.59%	2.57%	2.56%	2.56%
Long-term AFR	2.91%	2.89%	2.88%	2.87%

April 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.52%	2.50%	2.49%	2.49%
Mid-term AFR	2.55%	2.53%	2.52%	2.52%
Long-term AFR	2.89%	2.87%	2.86%	2.85%

May 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.39%	2.38%	2.37%	2.37%
Mid-term AFR	2.37%	2.36%	2.35%	2.35%
Long-term AFR	2.74%	2.72%	2.71%	2.70%

2019 Workbook

June 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.37%	2.36%	2.35%	2.35%
Mid-term AFR	2.38%	2.37%	2.36%	2.36%
Long-term AFR	2.76%	2.74%	2.73%	2.72%

July 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	2.13%	2.12%	2.11%	2.11%
Mid-term AFR	2.08%	2.07%	2.06%	2.06%
Long-term AFR	2.50%	2.48%	2.47%	2.47%

August 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.91%	1.90%	1.90%	1.89%
Mid-term AFR	1.87%	1.86%	1.86%	1.85%
Long-term AFR	2.33%	2.32%	2.31%	2.31%

September 2019

	Period For Compounding			
	Annual	Semiannual	Quarterly	Monthly
Short-term AFR	1.85%	1.84%	1.84%	1.83%
Mid-term AFR	1.78%	1.77%	1.77%	1.76%
Long-term AFR	2.21%	2.20%	2.19%	2.19%