

# Ready Reckoner - Post Budget 2018

Prepared by Statistics & Economic Research Branch, Revenue Commissioners

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Ready Reckoners are provided for the following taxes:

Income Tax & Universal Social Charge	Pages	2-11
Deposit Interest Retention Tax (DIRT)	Page	12
Capital Gains Tax (CGT)	Page	13
Capital Acquisition Tax (CAT)	Pages	14-17
Stamp Duty	Page	18
Excise	Pages	19-23
Value Added Tax (VAT)	Pages	24-27

Please note that the costings provided in this Ready Reckoner are estimates and should be treated as such. Unless otherwise indicated, Ready Reckoner costings assume no behavioural change from an increase or decrease in taxation.

Every reasonable effort has been made to ensure that the information provided is as accurate and clear as possible.

Revenue's Statistics webpage: <http://www.revenue.ie/en/corporate/information-about-revenue/statistics/index.aspx>

Email: [statistics@revenue.ie](mailto:statistics@revenue.ie)

### Income Tax & Universal Social Charge

These following costs / yields are based on 2018 estimates from the Revenue tax forecasting model using latest actual data for the year 2015, adjusted as necessary for income, self-employment and employment trends in the interim.

The Income Tax & Universal Social Charge (USC) Ready Reckoner covers the following:

Income earners by Income Tax and USC rates in 2018	Page 3
Income earners by gross income range in 2018	Page 4
Increases and decreases to Income Tax and USC rates	Page 5
Cost of increasing Income Tax credits	Page 6
Cost of widening of Income Tax standard rate bands	Page 7
Cost of increasing USC rate bands	Page 8
Cost of increasing Income Tax exemption limits	Page 9
Cost of Indexation	Page 10
Changes to Income Tax relief on pensions	Page 11

## Revenue Ready Reckoner

### Income Earners by Income Tax and USC Rates in 2018\*

		Number of Taxpayer Units**	% of Taxpayer Units
Income Tax*	Higher rate (40%)	531,700	21
	Standard rate (20%)	1,128,400	42
	Exempt	956,200	37
USC*	8% rate	224,100	9
	4.75% rate	1,114,500	43
	2% rate	507,900	19
	Exempt	769,800	29
Paying neither Income Tax or USC		769,800	29
<b>Total Income Earners</b>		<b>2,616,300</b>	<b>100</b>

\*Shows the breakdown by the highest rate of Income Tax and USC paid by taxpayer unit.

\*\*Married persons or civil partners who have elected or who have been deemed to have elected for joint assessment are counted as one tax unit.

The figures in this table are subject to rounding to the nearest hundred.

## Revenue Ready Reckoner

### Income Earners by Gross Income Range in 2018

€ Range of Gross Income		Number of Taxpayer Units*	€ Million Income	€ Million Tax/USC
0	10,000	463,853	2,095	1.2
10,000	13,000	128,999	1,483	1.1
13,000	15,000	92,035	1,289	9.5
15,000	18,000	132,516	2,200	29
18,000	20,000	99,788	1,893	53
20,000	25,000	217,174	4,882	231
25,000	27,000	60,698	1,559	94
27,000	30,000	121,577	3,465	245
30,000	35,000	190,281	6,175	529
35,000	40,000	160,748	5,985	633
40,000	50,000	255,992	11,439	1,570
50,000	60,000	184,759	10,111	1,700
60,000	70,000	123,126	7,970	1,488
70,000	75,000	48,236	3,497	696
75,000	80,000	42,579	3,295	684
80,000	90,000	66,365	5,616	1,244
90,000	100,000	50,304	4,767	1,135
100,000	150,000	110,204	13,172	3,602
150,000	200,000	32,049	5,470	1,772
200,000	275,000	17,469	4,036	1,427
Over	275,000	17,517	11,335	4,814
Total		2,616,269	111,734	21,958

\*Married persons or civil partners who have elected or who have been deemed to have elected for joint assessment are counted as one tax unit.

The Income Tax/USC figures do not take into account the Earned Income Credit.

## Revenue Ready Reckoner

### Increases and Decreases to Income Tax and USC Rates

		€ Million	
		First Year	Full Year
Cost of 1% point decrease in Income Tax rates	20% rate	-533	-617
	40% rate	-265	-322
Yield from 1% point increase in Income Tax rates	20% rate	533	617
	40% rate	263	320
Yield from introduction of 3rd rate of Income Tax of 41%	Earnings over 80,000	109	141
	Earnings over 100,000	86	115
	Earnings over 120,000	73	98
Yield from introduction of 3rd rate of Income Tax of 43%	Earnings over 80,000	326	424
	Earnings over 100,000	259	344
	Earnings over 120,000	218	294
Cost of 1% point decrease in USC rates	Decrease 0.5% rate to 0%	-111	-129
	Decrease 2% rate to 1%*	-149	-174
	Decrease 4.75% to 3.75%	-328	-382
	Decrease 8% rate to 7%**	-136	-177
Yield from 1% point increase in USC rates	Increase 0.5% rate to 1.5%	222	258
	Increase 2% rate to 3%*	149	174
	Increase 4.75% rate to 5.75%	328	382
	Increase 8% rate to 9%**	136	177

\*Includes the reduced rate USC for Medical Card holders.

\*\*Includes those paying the 3% surcharge for non-PAYE income that exceeds €100,000 in a year.

## Revenue Ready Reckoner

### Cost of Increasing Income Tax Credits

		€ Million	
		First Year	Full Year
Increase Single Persons Credit by €100	From €1,650 to €1,750	74	86
Increase Married or in a Civil Partnership Credit by €200	From €3,300 to €3,500	122	142
Increase Widowed Person or surviving Civil Partner (without qualifying child) Credit by €100	From €1,650 to €1,750	5.4	6.3
Increase Single Person Child Carer Tax Credit by €100	From €1,650 to €1,750	3.2	3.6
Increase PAYE Credit by €50	From €1,650 to €1,700	84	97
Increase Earned Income Credit by €50	From €1,150 to €1,200	4.2	7.6
Increase Earned Income Credit by €150	From €1,150 to €1,300	13	23
Increase Earned Income Credit by €500	From €1,150 to €1,650	42	76
Increase Home Carer's Credit by €50	From €1,200 to €1,250	3.5	4
Increase Dependent Relative Credit by €20	From €70 to €90	0.5	0.6
Increase Incapacitated Child Credit by €100	From €3,300 to €3,400	1.7	1.9
Increase Blind Persons Credit (incl. Guide Dog)		0.5	0.6
By €500 for single person	From €1,650 to €2,150		
By €1,000 for both spouses/civil partners blind	From €3,300 to €4,300		
Increase Widowed Parent or surviving Civil Partner Bereavement Credit by €100		0.17	0.2
Increase Age Credit		11	13
By €50 for single/widow/surviving Civil Partner	From €245 to €295		
By €100 for married/civil partners	From €490 to €590		

## Revenue Ready Reckoner

### Cost of Widening of Income Tax Standard Rate Bands

Single & Widowed or surviving Civil Partner - Current Band €34,550			
Band Increase	Revised Band	€ Million First Year Cost	€ Million Full Year Cost
€100	€34,650	7.3	8.3
€500	€35,050	36	41
€1,000	€35,550	71	81
€1,500	€36,050	104	120

Married or in a Civil Partnership, one Spouse or Civil Partner with Income - Current Band €43,550			
Band Increase	Revised Band	€ Million First Year Cost	€ Million Full Year Cost
€100	€43,650	2.4	2.8
€500	€44,050	12	14
€1,000	€44,550	24	28
€1,500	€45,050	36	42

Married or in a Civil Partnership, both Spouses or Civil Partners with Income - Current Bands €43,550 for Major Earner and €25,550 for Minor Earner				
Band Increase	Revised Band Major Earner	Revised Band Minor Earner	€ Million First Year Cost	€ Million Full Year Cost
€100	€43,650	€25,650	7.5	8.8
€500	€44,050	€26,050	37	43
€1,000	€44,550	€26,550	74	86
€1,500	€45,050	€27,050	110	127

Total Cost of Band Widening		
Band Increase	€ Million First Year Cost	€ Million Full Year Cost
€100	17	20
€500	85	99
€1,000	168	195
€1,500	250	289

Assumes the maximum allowable transferability of €9,000 across the board.

These costs do not take into account the Earned Income Credit.

## Revenue Ready Reckoner

### Cost of Increasing USC Rate Bands

		€ Million	
		First Year	Full Year
Income under €13,000 is exempt	Increase by €100 to €13,100	0.4	0.5
	Increase by €500 to €13,500	2.1	2.5
	Increase by €1,000 to €14,000	4.4	5.2
	Increase by €1,500 to €14,500	7	8
First €12,012 is charged at 0.5% *	Increase by €100 to €12,112	3.4	4.0
	Increase by €500 to €12,512	15	17
	Increase by €1,000 to €13,012	28	32
	Increase by €1,500 to €13,512	42	49
From €12,013 to €19,372 is charged at 2% *	Increase by €100 to €12,113 and €19,472	6.5	7.6
	Increase by €500 to €12,513 and €19,872	32	38
	Increase by €1,000 to €13,013 and €20,372	65	75
	Increase by €1,500 to €13,513 and €20,872	96	112
From €19,373 to €70,044 is charged at 4.75% *	Increase by €100 to €19,473 and €70,144	4.7	5.4
	Increase by €500 to €19,873 and €70,544	22	26
	Increase by €1,000 to €20,373 and €71,044	44	51
	Increase by €1,500 to €20,873 and €71,544	64	75
Above €70,045 is charged at 8%*	Increase by €500 to €70,545	3.4	4.0
	Increase by €1,000 to €71,045	6.9	8.3
	Increase by €2,000 to €72,045	14	16
	Increase by €5,000 to €75,045	32	39

\* The €13,000 exemption threshold remains unchanged for the USC rate band increases.



## Revenue Ready Reckoner

### Cost of Increasing Income Tax Exemption Limits

		€ Million	
		First Year	Full Year
Aged 65 and over	By €100 for single/widow/surviving civil partner and €200 married/civil partnership	2.7	3.1
	By €300 for single/widow/surviving civil partner and €600 married/civil partnership	8.3	9.5
Child addition	Increase limit by €100 per child (all children)	0.1	0.1
	Increase limit by €300 per child (all children)	0.3	0.3

## Revenue Ready Reckoner

### Cost of Indexation

		€ Million	
		First Year	Full Year
Indexation at 1%	Personal Tax Credits (including Home Carer's Credit) with rate bands	99	115
	Exemption limits, Personal Tax Credits with rate bands	104	120
	PAYE Credit, Exemption limits, Personal Tax Credits with rate bands	130	151
	Earned Income Credit	0.8	1.5
	USC rate bands and exemption limits	17	20

## Revenue Ready Reckoner

### Changes to Income Tax Relief on Pensions

Cost of decreasing the ceiling for occupational pension schemes, RACs and PRSAs and / or reducing the marginal effective rate applicable to these reliefs.

€ Million

	Rate					
	40%	39%	34%	33%	30%	20%
€200,000	-15	3	92	110	164	342
€150,000	-9	8	97	115	168	345
€120,000	-2	16	103	121	174	349
€115,000	0*	17	105	122	175	350
€110,000	9	26	113	130	182	354
€105,000	19	36	121	138	189	359
€100,000	29	45	129	146	197	364
Ceiling						
€95,000	40	56	139	155	205	370
€90,000	52	68	149	165	214	376
€85,000	65	81	160	176	224	382
€80,000	79	94	172	187	234	389
€75,000	94	109	185	200	245	397
€70,000	110	125	199	213	258	405
€65,000	128	142	214	228	271	414
€60,000	147	161	230	244	285	424

\*Current rate and ceiling.

## Revenue Ready Reckoner

### Deposit Interest Retention Tax (DIRT)

		€ Million Full Year
Reduction in the Standard Rate of DIRT	From 37% to 35%	-6.3
	From 37% to 33%	-12.6
	From 37% to 31%	-19
Increase in the Standard Rate of DIRT	From 37% to 39%	6.3
	From 37% to 41%	12.6
	From 37% to 43%	19

## Revenue Ready Reckoner

### Capital Gains Tax (CGT)

		€ Million Full Year
Reduction in the CGT Rate	From 33% to 32%	-34
	From 33% to 31%	-69
	From 33% to 28%	-171
Increase in the CGT Rate	From 33% to 34%	34
	From 33% to 35%	69
	From 33% to 38%	171

## Capital Acquisitions Tax (CAT)

The CAT Ready Reckoner covers the following:

Changes in CAT Rates, Thresholds or Reliefs	Page 15
Simultaneous Change in CAT Rate and Thresholds	Page 16
Changing a Single CAT Threshold	Page 17

## Revenue Ready Reckoner

### Effects of Changes in CAT Rates, Thresholds or Reliefs

		€ Million Full Year
Reduction in the CAT Rate	From 33% to 32%	-14
	From 33% to 30%	-43
	From 33% to 28%	-71
	From 33% to 23%	-143
Increase in the CAT Rate	From 33% to 34%	14
	From 33% to 36%	43
	From 33% to 38%	71
	From 33% to 43%	143
Increase in tax free thresholds*	By 1%	-4.0
	By 3%	-11.5
	By 5%	-18.6
	By 10%	-34.8
Decrease in tax free thresholds*	By 1%	4.1
	By 3%	12.4
	By 5%	20.7
	By 10%	41.3
Reduce Agricultural Relief	From 90% to 80%	7.7
	From 90% to 70%	17.3
	From 90% to 60%	28.8
	From 90% to 50%	41.6
Reduce Business Relief	From 90% to 80%	6.8
	From 90% to 70%	14.8
	From 90% to 60%	23.6
	From 90% to 50%	33.0

\*Thresholds are currently €310,000 for Category A, €32,500 for Category B and €16,250 for Category C.

## Revenue Ready Reckoner

### Effect of Simultaneous Change in CAT Rate and Thresholds

The estimated cost of any given increase in thresholds and simultaneous decrease in rate does not result in an equal estimated yield for an equivalent decrease in thresholds and simultaneous increase in rate. This is due to the interaction of the CAT rate with differing thresholds in each of the three categories. All figures shown are for the full year.

€ Million

		Percentage Change in Thresholds*							
		-10%	-5%	-3%	-1%	0%	+1%	+3%	+10%
Rate**	23%	-114	-129	-134	-140	-143	-146	-151	-167
	28%	-36	-54	-61	-68	-71	-75	-81	-101
	30%	-5	-24	-32	-39	-43	-47	-53	-74
	32%	26	6	-2	-10	-14	-18	-25	-48
	33%	41	21	12	4	0	-4	-11	-35
	34%	57	36	27	19	14	10	2	-21
	36%	88	65	56	47	43	38	30	5
	38%	119	95	86	76	71	67	58	31
43%	197	170	159	148	143	138	128	98	

\*Percentage changes applied to each of the three categories.

\*\*The current rate of CAT is 33%.

Thresholds are currently €310,000 for Category A, €32,500 for Category B and €16,250 for Category C.



## Revenue Ready Reckoner

### Effect on Categories of Changing a Single CAT Threshold

All figures shown are for the full year.

€ Million

		Percentage Change in Thresholds							
		-10%	-5%	-3%	-1%	0%	+1%	+3%	+10%
Threshold	A	29.5	14.8	8.8	2.9	0.0	-2.8	-8.0	-23.5
	B	9.9	4.9	3.0	1.0	0.0	-1.0	-2.9	-9.4
	C	1.9	1.0	0.6	0.2	0.0	-0.2	-0.6	-1.9
	Total	41.3	20.7	12.4	4.1	0.0	-4.0	-11.5	-34.8

Thresholds are currently €310,000 for Category A, €32,500 for Category B and €16,250 for Category C.

## Revenue Ready Reckoner

### Stamp Duty

		€ Million Full Year
Residential Property***	Increase Stamp Duty by 0.5% to 1.5% on consideration below €1,000,000	92
	Decrease Stamp Duty by 0.5% to 0.5% on consideration below €1,000,000	-92
	Increase Stamp Duty to 2.5% on excess above €1,000,000	2
	Increase Stamp Duty to 3% on excess above €1,000,000	4
	Increase Stamp Duty to 4% on excess above €1,000,000	8
	Increase Stamp Duty to 5% on excess above €1,000,000	12
	Decrease Stamp Duty to 1.5% on excess above €1,000,000	-2
	Decrease Stamp Duty to 1.0% on excess above €1,000,000	-4
	Decrease Stamp Duty to 0.5% on excess above €1,000,000	-6
	Abolish Stamp Duty on excess above €1,000,000	-8
	Increase Stamp Duty to 2% on excess above €500,000	19
	Increase Stamp Duty to 2% on excess above €600,000	14
	Increase Stamp Duty to 2% on excess above €700,000	10
	Increase Stamp Duty to 2% on excess above €800,000	7
	Increase Stamp Duty to 2% on excess above €900,000	5
Non-Residential Property	Increase Stamp Duty by 0.5% to 6.5%	49
	Decrease Stamp Duty by 0.5% to 5.5%	-49
	Increase Stamp Duty to 7% on excess above €500,000	83
	Increase Stamp Duty to 7% on excess above €600,000	82
	Increase Stamp Duty to 7% on excess above €700,000	80
	Increase Stamp Duty to 7% on excess above €800,000	78
Shares*	Increase the rate to 1.1%	46
	Decrease the rate to 0.9%	-46
Cheques & Financial Cards	Increase Stamp Duty on business cheques by 50%	7.2
	Increase Stamp Duty on personal cheques by 50%	3.9
	Abolishing duty on credit cards	-5.9
	10% increase in the Stamp Duty on credit cards	5.9
	10% decrease in the Stamp Duty on credit cards	-5.9
	Abolishing duty on cash cards**	-2.4
	10% increase in the Stamp Duty on cash cards**	2.4
10% decrease in the Stamp Duty on cash cards**	-2.4	

\*Current rate of Stamp Duty on shares is 1%. \*\*Includes ATM cards, debit cards and combined ATM/debit cards. \*\*\*Stamp Duty on residential property is currently 1% on consideration below €1 million and 2% on any excess.

## Excise

The Excise Ready Reckoner covers the following:

Oils	Page 20
Alcohol	Page 21
Tobacco	Page 22
Betting Duty	Page 23

## Revenue Ready Reckoner

### Excise - Oils

		€ Million
		Full Year
Unleaded petrol (per litre)	Increase by 1 cent	11
	Increase by 3 cent	32
	Increase by 5 cent	53
	Increase by 10 cent	105
Auto diesel (per litre)	Increase by 1 cent	26
	Increase by 3 cent	76
	Increase by 5 cent	127
	Increase by 10 cent	251

The increase amounts and the resulting Full Year estimates are inclusive of VAT.

## Revenue Ready Reckoner

### Excise - Alcohol

		€ Million Full Year
Beer (per pint)	Increase by 1 cent	7
	Increase by 3 cent	20
	Increase by 5 cent	33
	Increase by 10 cent	66
Spirits (per half glass)	Increase by 1 cent	4
	Increase by 3 cent	11
	Increase by 5 cent	18
	Increase by 10 cent	36
Cider & perry (per pint)	Increase by 1 cent	1
	Increase by 3 cent	3
	Increase by 5 cent	4
	Increase by 10 cent	9
Wine (per 75 cl)	Increase by 5 cent	3
	Increase by 10 cent	6
	Increase by 25 cent	14
	Increase by 50 cent	28

The increase amounts and the resulting Full Year estimates are inclusive of VAT.

## Revenue Ready Reckoner

### Excise - Tobacco

			€ Million
			Full Year
Cigarettes (per pack of 20)	Increase by 5 cent	In the range from -3 to +6	
	Increase by 10 cent	In the range from -7 to +12	
	Increase by 25 cent	In the range from -18 to +31	
	Increase by 50 cent	In the range from -40 to +61	

Forecast receipts of tobacco products tax use an elasticity measure to partially reflect the responsiveness (or change in behaviour) of smokers following duty and price changes. Increases in duties are forecast to lead to increases in receipts, albeit recognising that some smokers will consume less and consequently some of the increases in receipts from higher prices are negated. Further cigarette price rises, particularly at the higher end, may not increase Excise receipts and this is indicated through the use of the range of estimates above. To reflect the potential variations in consumption change in smokers, the range above is based on varying the elasticities used in the forecast calculation. The elasticities used are derived from research conducted by Revenue.

## Revenue Ready Reckoner

### Excise - Betting Duty

		€ Million Full Year
Betting Duty Rate	Increase by 0.5 per cent	25
	Increase by 1 per cent	50
	Increase by 1.5 per cent	75
	Increase by 2 per cent	100
	Increase by 2.5 per cent	125
	Increase by 3 per cent	150

## Value Added Tax (VAT)

The VAT Ready Reckoner covers the following:

Activity by VAT rate	Page 25
Increases and decreases to VAT rates	Page 26
Increases in VAT registration thresholds	Page 27



## Revenue Ready Reckoner

### Activity by VAT Rate

	% of Activity	% of Tax Receipts
Standard rate of 23% applies to	51	72
Reduced rate of 13.5% applies to	25	21
Reduced rate of 9% applies to	13	7
Zero rate applies to	11	0

## Revenue Ready Reckoner

### Increases and Decreases to VAT Rates

		€ Million	CPI
		Full Year	Effect*
9% Reduced Rate	1% Increase / Decrease	+/- 115	+/- 0.11
13.5% Reduced Rate	1% Increase / Decrease	+/- 211	+/- 0.07
23% Standard Rate	1% Increase / Decrease	+/- 436	+/- 0.34
Zero Rate Increased	0% to 5%	506	
	0% to 9%	860	
	0% to 13.5%	1,290	
	0% to 23%	2,197	
Restructuring the VAT system on a target revenue-neutral basis			
Zero, 9%, 13.5% & 23% rates merged to a 16.196% rate		0	
9%, 13.5% & 23% rates merged to a 18.231% rate		0	

\*Percentage effect on consumer price index (CPI).

## Revenue Ready Reckoner

### Increases in VAT Registration Thresholds

		€ Million Full Year
Change in Services Threshold	€37,500 to €50,000	40
	€37,500 to €75,000	156
	€37,500 to €87,500	231
	€37,500 to €100,000	318
	€37,500 to €125,000	526
Change in Goods Threshold	€75,000 to €100,000	66
	€75,000 to €150,000	256
	€75,000 to €175,000	379
	€75,000 to €200,000	521
	€75,000 to €250,000	861