

IRS LOSS RESERVE DISCOUNTING FACTORS

"Quick Reference" Table for Tax Year 2018

					Financial/		Medical	Medical	
Accident	Accident/	Auto	Commercial	Fidelity/	Mortgage	International	Malpractice	Malpractice	Multiple
Year	Health	PD	Auto	Surety	Guaranty	Composite	Claims Made	Occurrence	Peril
2008 & Prior	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	96.9185%
2009	98.5513%	98.5513%	98.3585%	98.5513%	98.5513%	98.5513%	97.7503%	97.7902%	94.8530%
2010	98.5513%	98.5513%	96.4102%	98.5513%	98.5513%	98.5513%	96.0160%	96.1220%	93.5200%
2011	98.5513%	98.5513%	94.9804%	98.5513%	98.5513%	98.5513%	95.1291%	94.9993%	91.0177%
2012	98.5513%	98.5513%	95.3260%	98.5513%	98.5513%	98.5513%	94.2423%	94.3189%	91.3154%
2013	98.5513%	98.5513%	95.0498%	98.5513%	98.5513%	98.5513%	93.3035%	93.5069%	91.6039%
2014	98.5513%	98.5513%	95.2024%	98.5513%	98.5513%	98.5513%	93.2805%	92.7664%	91.4064%
2015	98.5513%	98.5513%	95.3204%	98.5513%	98.5513%	98.5513%	93.1388%	91.8194%	93.2041%
2016	98.5513%	98.5513%	95.2819%	98.5513%	98.5513%	98.5513%	92.8576%	90.4811%	93.9651%
2017	98.5513%	97.1339%	94.7607%	97.1339%	97.1339%	97.1339%	92.6388%	88.9529%	93.6724%
2018	98.5513%	98.3892%	94.0556%	95.9894%	95.7530%	96.3010%	91.6544%	86.8932%	95.3058%
	Other	Other		Products	Products				
Accident	Liability	Liability	Private	Liability	Liability	Special		Workers'	
Year	Claims Made	Occurrence	Passenger	Claims Made	Occurrence	Property	Warranty	Comp	Other
2008 & Prior	98.0920%	96.7300%	98.5513%	97.7288%	96.6903%	98.5513%	98.5513%	91.2579%	98.5513%
2009	96.6876%	94.4974%	97.7282%	91.5785%	94.4133%	98.5513%	98.5513%	86.5946%	98.5513%
2010	94.9264%	92.6228%	95.6473%	90.2969%	92.1992%	98.5513%	98.5513%	84.7150%	98.5513%
2011	93.8378%	91.9830%	95.0550%	89.0388%	91.8072%	98.5513%	98.5513%	84.1036%	98.5513%
2012	93.0770%	90.7788%	94.5205%	87.8040%	90.8527%	98.5513%	98.5513%	83.2567%	98.5513%
2013	92.6040%	90.7542%	94.2824%	86.4184%	89.9309%	98.5513%	98.5513%	82.8905%	98.5513%
2014	92.0976%	90.6836%	94.2325%	85.0889%	89.8810%	98.5513%	98.5513%	83.4129%	98.5513%
2015	92.2415%	90.9196%	94.8920%	83.8076%	91.1924%	98.5513%	98.5513%	83.9662%	98.5513%
2016	92.1992%	90.7535%	95.2520%	88.1407%	89.8860%	98.5513%	98.5513%	85.4517%	98.5513%
2017	91.6944%	90.2053%	95.2920%	86.3600%	89.1417%	97.1339%	97.1339%	86.5393%	97.1339%
2018	90.8915%	89.3683%	95.6745%	85.8982%	87.8191%	97.5135%	98.1947%	88.0401%	97.1014%

The 2018 discount factors were determined using the applicable interest rate of 2.94%.

These factors have been compiled by Johnson Lambert LLP using the tables issued by the IRS based on the composite method for each of the years shown. For more information, contact Matt Gravelin at (802) 383-4821 or mgravelin@johnsonlambert.com.



IRS LOSS RESERVE DISCOUNTING FACTORS

"Quick Reference" Table for Tax Year 2017

Accident	Accident/	Auto	Commercial	Fidelity/	Financial/ Mortgage	International	Medical Malpractice	Medical Malpractice	Multiple
Year	Health	PD	Auto	Surety	Guaranty	Composite	Claims Made	Occurrence	Peril
2007 & Prior	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	98.5513%	96.9185%
2008	98.5513%	98.5513%	98.3585%	98.5513%	98.5513%	98.5513%	97.7503%	97.7902%	94.8530%
2009	98.5513%	98.5513%	96.4102%	98.5513%	98.5513%	98.5513%	96.0160%	96.1220%	93.5200%
2010	98.5513%	98.5513%	94.9804%	98.5513%	98.5513%	98.5513%	95.1291%	94.9993%	91.0177%
2011	98.5513%	98.5513%	95.3260%	98.5513%	98.5513%	98.5513%	94.2423%	94.3189%	91.3154%
2012	98.5513%	98.5513%	95.0498%	98.5513%	98.5513%	98.5513%	93.3035%	93.5069%	91.6039%
2013	98.5513%	98.5513%	95.2024%	98.5513%	98.5513%	98.5513%	93.2805%	92.7664%	91.4064%
2014	98.5513%	98.5513%	95.3204%	98.5513%	98.5513%	98.5513%	93.1388%	91.8194%	93.2041%
2015	98.5513%	98.5513%	95.2819%	98.5513%	98.5513%	98.5513%	92.8576%	90.4811%	93.9651%
2016	98.5513%	97.1339%	94.7607%	97.1339%	97.1339%	97.1339%	92.6388%	88.9529%	93.6724%
2017	98.5513%	98.3892%	94.0556%	95.9894%	95.7530%	96.3010%	91.6544%	86.8932%	95.3058%
	Other	Other		Products	Products				
Accident	Other Liability	Other Liability	Private	Products Liability	Products Liability	Special		Workers'	
Accident Year			Private Passenger			Special Property	Warranty	Workers' Comp	Other
	Liability	Liability		Liability	Liability		Warranty 98.5513%		Other 98.5513%
Year	Liability Claims Made	Liability Occurrence	Passenger	Liability Claims Made	Liability Occurrence	Property		Comp	
Year 2007 & Prior	Liability Claims Made 98.0920%	Liability Occurrence 96.7300%	Passenger 98.5513%	Liability Claims Made 97.7288%	Liability Occurrence 96.6903%	Property 98.5513%	98.5513%	Comp 91.2579%	98.5513%
Year 2007 & Prior 2008	Liability Claims Made 98.0920% 96.6876%	Liability Occurrence 96.7300% 94.4974%	Passenger 98.5513% 97.7282%	Liability Claims Made 97.7288% 91.5785%	Liability Occurrence 96.6903% 94.4133%	Property 98.5513% 98.5513%	98.5513% 98.5513%	Comp 91.2579% 86.5946%	98.5513% 98.5513%
Year 2007 & Prior 2008 2009	Liability Claims Made 98.0920% 96.6876% 94.9264%	Liability Occurrence 96.7300% 94.4974% 92.6228%	Passenger 98.5513% 97.7282% 95.6473%	Liability Claims Made 97.7288% 91.5785% 90.2969%	Liability Occurrence 96.6903% 94.4133% 92.1992%	Property 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150%	98.5513% 98.5513% 98.5513%
Year 2007 & Prior 2008 2009 2010	Liability Claims Made 98.0920% 96.6876% 94.9264% 93.8378%	Liability Occurrence 96.7300% 94.4974% 92.6228% 91.9830%	Passenger 98.5513% 97.7282% 95.6473% 95.0550%	Liability Claims Made 97.7288% 91.5785% 90.2969% 89.0388%	Liability Occurrence 96.6903% 94.4133% 92.1992% 91.8072%	Property 98.5513% 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150% 84.1036%	98.5513% 98.5513% 98.5513% 98.5513%
Year 2007 & Prior 2008 2009 2010 2011	Liability Claims Made 98.0920% 96.6876% 94.9264% 93.8378% 93.0770%	Liability Occurrence 96.7300% 94.4974% 92.6228% 91.9830% 90.7788%	Passenger 98.5513% 97.7282% 95.6473% 95.0550% 94.5205%	Liability Claims Made 97.7288% 91.5785% 90.2969% 89.0388% 87.8040%	Liability Occurrence 96.6903% 94.4133% 92.1992% 91.8072% 90.8527%	Property 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150% 84.1036% 83.2567%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513%
Year 2007 & Prior 2008 2009 2010 2011 2012	Liability Claims Made 98.0920% 96.6876% 94.9264% 93.8378% 93.0770% 92.6040%	Liability Occurrence 96.7300% 94.4974% 92.6228% 91.9830% 90.7788% 90.7542%	Passenger 98.5513% 97.7282% 95.6473% 95.0550% 94.5205% 94.2824%	Liability Claims Made 97.7288% 91.5785% 90.2969% 89.0388% 87.8040% 86.4184%	Liability Occurrence 96.6903% 94.4133% 92.1992% 91.8072% 90.8527% 89.9309%	Property 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150% 84.1036% 83.2567% 82.8905%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%
Year 2007 & Prior 2008 2009 2010 2011 2012 2013	Liability Claims Made 98.0920% 96.6876% 94.9264% 93.8378% 93.0770% 92.6040% 92.0976%	Liability Occurrence 96.7300% 94.4974% 92.6228% 91.9830% 90.7788% 90.7542% 90.6836%	Passenger 98.5513% 97.7282% 95.6473% 95.0550% 94.5205% 94.2824% 94.2325%	Liability Claims Made 97.7288% 91.5785% 90.2969% 89.0388% 87.8040% 86.4184% 85.0889%	Liability Occurrence 96.6903% 94.4133% 92.1992% 91.8072% 90.8527% 89.9309% 89.8810%	Property 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150% 84.1036% 83.2567% 82.8905% 83.4129%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%
Year 2007 & Prior 2008 2009 2010 2011 2012 2013 2014	Liability Claims Made 98.0920% 96.6876% 94.9264% 93.8378% 93.0770% 92.6040% 92.0976% 92.2415%	Liability Occurrence 96.7300% 94.4974% 92.6228% 91.9830% 90.7788% 90.7542% 90.6836% 90.9196%	Passenger 98.5513% 97.7282% 95.6473% 95.0550% 94.5205% 94.2824% 94.2325% 94.8920%	Liability Claims Made 97.7288% 91.5785% 90.2969% 89.0388% 87.8040% 86.4184% 85.0889% 83.8076%	Liability Occurrence 96.6903% 94.4133% 92.1992% 91.8072% 90.8527% 89.9309% 89.8810% 91.1924%	Property 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%	Comp 91.2579% 86.5946% 84.7150% 84.1036% 83.2567% 82.8905% 83.4129% 83.9662%	98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513% 98.5513%

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