



















Other Methods

- Aggregate Forfeiture Rate Annualized by Average Vest Period / Opportunity
 - For grants granted within a given year (e.g. 2010, 2011) up through current
 - 1 ((1-Aggregate Forfeiture Rate %) ^ (1 / Average Vest Period in each year))

Year	Agg Fo grants	orf Rate % for All granted this year	Avg Vest Period	Annualized Forfeiture Rate
	2011	7%	2.5	5 3%
	2010	10%	<u>б</u> 2.5	5 4%
	2011	12%	6 2.5	5 5%
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Annualization Formula

 =1-((1-Aggregate Forfeiture Rate)^(1/Time Period))

Aggregate Forfeiture Rate	Average Vest Period /	Annualized
10 00%		2 5 132%
2.00%		2 1.005%
2.00%	0.2	5 7.763%
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Example						
 4-year, cliff vesting 						
End of Quarter	Remaining Service Period	Applied	Result			
1	3.75	(1-5%)^3.75	83%			
2	3.5	(1-5%)^3.5	84%			
3	3.25	(1-5%)^3.25	86%			
8	2	(1-5%)^2	90%			
12	1	(1-5%)^1	95%			
15	.25	(1-5%)^.25	99%			
16	0	(1-5%)^0	100%			

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	Pros	Cons
Static	 Perfectly even accrual <i>if</i> <i>forfeiture perfectly</i> <i>accurate</i> Examples in the standard use this method 	 Not intuitive – forfeited grants remain "in pool" / on reports Large company events must be included in estimated rate (execs leaving, RIFs, etc.) – Ongoing adjustments to rate required
Dynamic	 Less dramatic swings in expense <i>if estimate not accurate</i> Takes time into account More intuitive? Some Big 4 firms call "best practice" 	 No documentation – not in standard, etc. Contradicts examples in standard Difficult to perform calculations in a spreadsheet







Static vs. Dynamic

- Neither method is *incorrect* under 123R/Topic 718
- Both methodologies work, as long as they:
 - Adhere to the rules of 718, and
 - Don't combine parts of each method (double-counting)
 - Don't drop forfeited grants off the report (dynamic) AND
 - Apply forfeiture rates using full service period (static)
- Which is better for YOUR company?
 - How even is your expense accrual over time?
 - Do you have large swings in expense quarter-to-quarter?

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Are you auditors comfortable with the method you're using now? Or do they continue to question it?

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When To Consider Switching Example of a company for whom True UP at Vest is NOT working Review a set of grants that vest in Q4 Don't include new grants (keep "the pool" the same) Vesting event occurs in Q4 – True Up will occur in Q4 Materiality is specific to a company Moving EPS at all... \$.01? **Q4 Q1 Q2 Q3** \$5M \$5M \$5M \$9M \$9M \$9M \$9M \$5M CORPORATE SERVICES Stock & Option Solutions

Changing Methods

- Why change?
 - Your audit firm continue to question the method you use
 - Dynamic thought to be "best practice" by some
 - Inaccurate forfeiture rates less *dramatic* true ups in a single quarter each year
 - Ongoing manual adjustments / spreadsheet calcs necessary
 - Different systems use different methods
- How to change
 - Calculate expense "To Date" through end of current reporting period both ways
 - From the time you adopted 123R/Topic 718 to date
 - Match expense grant by grant
 - Change in ESTIMATE, not change in accounting policy
 - Generally a one-time true up in the quarter in which the change is made

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Sta	tic N	letho	od: I	nac	curate Rate
• E - -	xampl 5 grar forfei No gr	e: nts, \$10 ture ra ants fo	00 fair te rfeite	[.] value d	e, one-year vesting, 20%
Grant	# 1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	Comment/Total
Grant	# 1 st Qtr \$20	2nd Qtr \$20	3rd Qtr \$20	4 th Q tr \$40	Comment/Total True up to \$100 in vest quarter.
Grant 1 2	# 1 st Qtr \$20 \$20	2nd Qtr \$20 \$20	3rd Qtr \$20 \$20	4th Qtr \$40 \$40	Comment/Total True up to \$100 in vest quarter. True up to \$100 in vest quarter.
Grant 1 2 3	# 1 st Qtr \$20 \$20 \$20	2 nd Qtr \$20 \$20 \$20	3 rd Q tr \$20 \$20 \$20	4 th Q tr \$40 \$40 \$40	Comment/Total True up to \$100 in vest quarter. True up to \$100 in vest quarter. True up to \$100 in vest quarter.
Grant 1 2 3 4	# 1 st Qtr \$20 \$20 \$20 \$20	2 nd Qtr \$20 \$20 \$20 \$20	3 rd Qtr \$20 \$20 \$20 \$20	4th Qtr \$40 \$40 \$40 \$40	Comment/Total True up to \$100 in vest quarter. True up to \$100 in vest quarter. True up to \$100 in vest quarter. True up to \$100 in vest quarter.
Grant 1 2 3 4 5	<pre># 1st Qtr \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20</pre>	2 nd Qtr \$20 \$20 \$20 \$20 \$20	3 rd Qtr \$20 \$20 \$20 \$20 \$20 \$20	4 th Qtr \$40 \$40 \$40 \$40 \$40	Comment/Total True up to \$100 in vest quarter. True up to \$100 in vest quarter.
Grant 1 2 3 4 5	<pre># 1st Qtr \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20</pre>	2 nd Qtr \$20 \$20 \$20 \$20 \$20 \$20 \$100	3rd Qtr \$20 \$20 \$20 \$20 \$20 \$20 \$100	4 th Qtr \$40 \$40 \$40 \$40 \$40 \$40 \$200	Comment/Total True up to \$100 in vest quarter. True up to \$100 in vest quarter. \$500



• E: _	xampl 5 grai forfei	e: nts, \$10 ture ra	00 fair te	value	e, one-year vesting, 20%
Grant	# 1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qti	r Comment/Total
1	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.
2	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.
3	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.
4	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.
5	\$21	-\$21	\$0	\$0	Forfeited in 2 nd Qtr. True up to \$0 in vest quarter.
	¢105	\$75	\$104	\$116	\$400



Dy	Dynamic Method: Inaccurate Rate						
• _	Examp 5 gra forfe 40%	le: ints, \$1 iture ra of gran	00 fai ate its forf	r valu ^f eited	e, one-year vesting, 20%		
Grant	# 1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qt	r Comment/Total		
1	\$21	\$24	\$26	\$29	True up to \$100 in vest guarter.		
2	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.		
3	\$21	\$24	\$26	\$29	True up to \$100 in vest quarter.		
4	\$21	-\$21	\$0	\$0	Forfeited in 2 nd Qtr. True up to \$0 in vest quarter.		
5	\$21	\$24	-\$45	\$0	Forfeited in 3 rd Qtr. True up to \$0 in vest quarter.		
	\$100	\$75	\$33	\$87	\$300		
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