



1

2

3

1

2

658

4

20

19.26 50% 9.63

5

48

12

12 24 24 36 36

48

30% 30% 40%

12

12 24 24

36

50%

6

2013-2015

	2012	2013	
	20%	2013	12%
	2012	2014	
	44%	2014	12%
	2012	2015	
	73%	2015	12%

2014-2015

	2012	2014	
	44%	2014	12%
	2012	2015	
	73%	2015	12%

7

8 5%

9

10 30

11 30

30

12

13

.....	2
.....	2
.....	5
.....	6
.....	8
.....	9
.....	11
.....	12
.....	13
.....	16
.....	17
.....	21
.....	24
.....	26
.....	27
.....	29
.....	31
.....	33
.....	34

		A


1

2

3

4



1

2

3

	124	2012	11	30
1764	7.03%			

1

2

3



A

		658		
		21,400	3.07%	593
			21,400	2.77%
65			9.88%	
	0.30%			12

1			20.00	3.04%	0.09%
2			20.00	3.04%	0.09%
3			20.00	3.04%	0.09%
4			20.00	3.04%	0.09%
5			20.00	3.04%	0.09%
6			20.00	3.04%	0.09%
7	118		473.00	71.88%	2.21%
			593.00	90.12%	2.77%
			65.00	9.88%	0.30%
			658.00	100.00%	3.07%

1  
5%  
2  
1%  
3  
1  
2  
3  
4

48

30

1 30

30

2 10

3 2

4 2

12

36

12

13

	12 24	30%
	24 36	30%
	36 48	40%

12

	12 24	50%
	24 36	50%

1

25%

2

6

6

3

9.63  
9.63  
A  
20  
19.26 50% 9.63 9.63



1

1

2

3

2

1

2

3

3

1

1

2  
3  
2  
1  
2  
3  
4  
  
3  
1  
2013-2015

	2012	2013	
	20%	2013	12%

	2012	2015	
	73%	2015	12%

4

5

1

3

2

4

1

$$Q = Q_0 (1 - n)$$

$Q_0$

$n$

Q

2

$$Q = Q_0 n$$

$Q_0$

$n$

1

$n$

Q

3

$$Q = Q_0 P_1 (1 - n) / (P_1 - P_2 - n)$$

$Q_0$

$P_1$

$P_2$

$n$

Q

4

1

$$P = P_0 (1 + n)$$

$$\frac{P_0}{P} = \frac{1}{1 + n}$$

2

$$P = P_0 n$$

$$\frac{P_0}{P} = \frac{1}{n}$$

3

$$P = P_0 V$$

$$\frac{P_0}{P} = \frac{1}{V}$$

4

$$P = P_0 \frac{P_1 + P_2 n}{P_1 (1 + n)}$$

$$\frac{P_0}{P} = \frac{P_1 + P_2 n}{P_1 (1 + n)}$$

n

P

5



11

1

2

3

593

3,686.48

2013 -2016



		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
593	3,686.48	1,433.63	1,413.15	675.85	163.84



1

2

3

30

4

5

1

2

3

4

5

6

1

2

3

4

1

2

3

4

1

2

5

6



n

P P<sub>0</sub>

2

P P<sub>0</sub> V

V P P<sub>0</sub>

3

1

2



12

1

2

3

4

5

6

