

Countries who responded to the Tariff Policies Survey in 2008

Country	Region	Income Level	Operators	Administrative Authorities
Argentina	The Americas	Middle		1
Austria	Europe & CIS countries	High		1
Belgium	Europe & CIS countries	High	1	
Belize	The Americas	Middle		1
Benin	Africa	Low		1
Bosnia and Herzegovina	Europe & CIS countries	Middle		1
Botswana	Africa	Middle		1
Burundi	Africa	Low		1
Colombia	The Americas	Middle	1	1
Côte d'Ivoire	Africa	Low		1
Dominican Rep.	The Americas	Middle	1	
Equatorial Guinea	Africa	High		1
France	Europe & CIS countries	High		1
Georgia	Europe & CIS countries	Middle		1
Guinea	Africa	Low		1
Honduras	The Americas	Middle		1
Hungary	Europe & CIS countries	High	1	
Italy	Europe & CIS countries	High		1
Japan	Asia & Pacific	High	1	
Jordan	Arab States	Middle		1
Kuwait	Arab States	High		1
Latvia	Europe & CIS countries	Middle		1
Lithuania	Europe & CIS countries	Middle		1
Malaysia	Asia & Pacific	Middle	1	
Mali	Africa	Low		1
Mexico	The Americas	Middle		1
Moldova	Europe & CIS countries	Middle	1	1
Mongolia	Asia & Pacific	Middle	2	
Morocco	Arab States	Middle		1
Namibia	Africa	Middle		1
New Zealand	Asia & Pacific	High		1
Niger	Africa	Low	1	
Norway	Europe & CIS countries	High		1
Paraguay	The Americas	Middle	1	1
Philippines	Asia & Pacific	Middle	1	
Romania	Europe & CIS countries	Middle		1
Senegal	Africa	Low	1	1
Serbia	Europe & CIS countries	Middle		1
Singapore	Asia & Pacific	High		1
Sri Lanka	Asia & Pacific	Middle		1
St. Lucia	The Americas	Middle	1	
Suriname	The Americas	Middle		1
Togo	Africa	Low		1
Tonga	Asia & Pacific	Middle		1
United Arab Emirates	Arab States	High	2	1
Uzbekistan	Europe & CIS countries	Low		1
Venezuela	The Americas	Middle	1	
Yemen	Arab States	Low		1
Zambia	Africa	Low		1
Zimbabwe	Africa	Low		1
			17	40
			57	

Region	Income Level			Total
	High	Middle	Low	
Africa	1	2	11	14
The Americas	0	12	0	12
Arab States	4	2	1	7
Asia & Pacific	3	6	0	9
Europe & CIS countries	6	8	1	15
Total	14	30	13	57

Region	Answers			Total
	Only 1 Operator	More than 1 Operator	Autorities	
Africa	2	0	12	14
The Americas	5	0	7	12
Arab States	0	2	5	7
Asia & Pacific	3	2	4	9
Europe & CIS countries	3	0	12	15
Total	13	4	40	57

Tariff Policies Survey - Results for 2008

1. Contact information

1.1. Is this the first time you complete the ITU Questionnaire on Tariff Policies?

The answers to this question are text based.

1.2. Services provided

The answers to this question are text based.

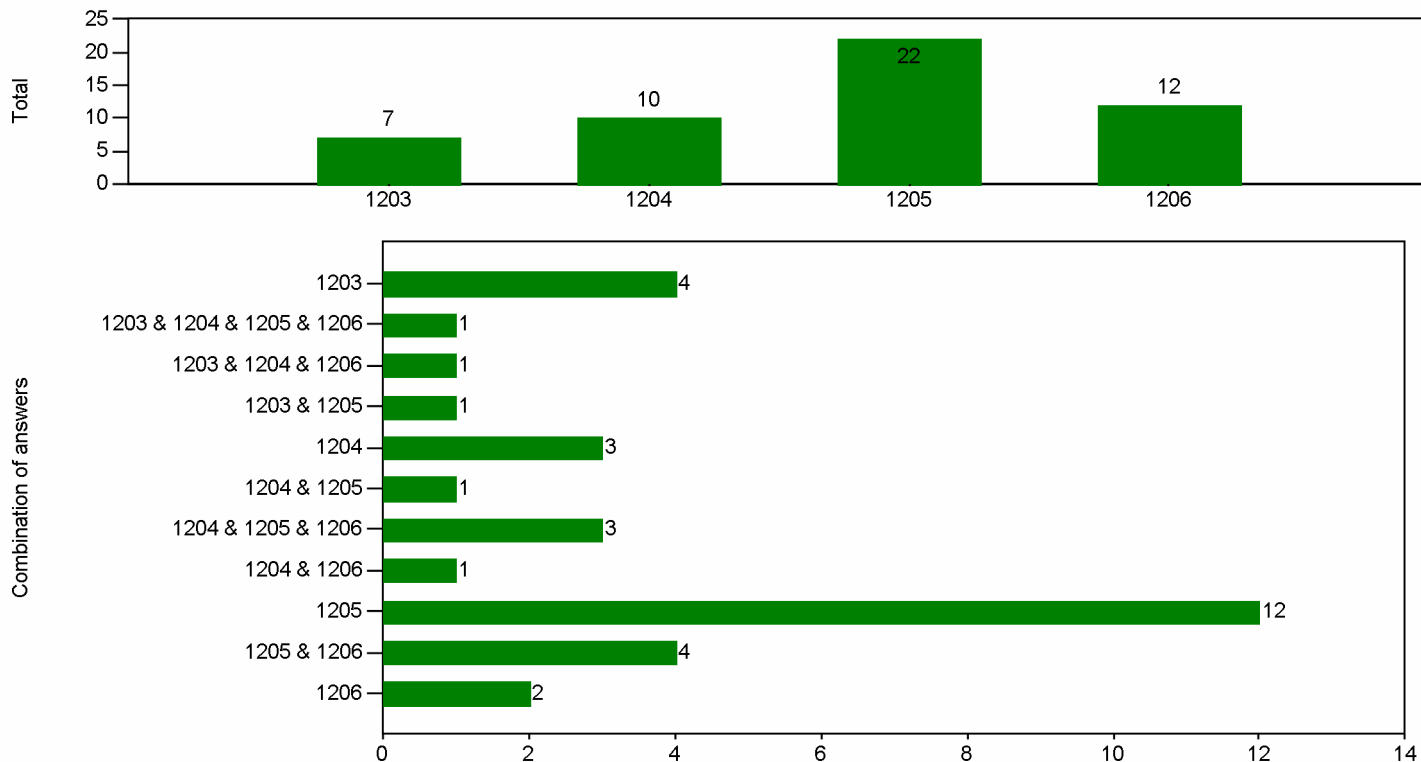
2. Cost and tariff models

2.1. How do you determine the price of the domestic telecommunication services you provide (local and long distance calls and interconnection)?

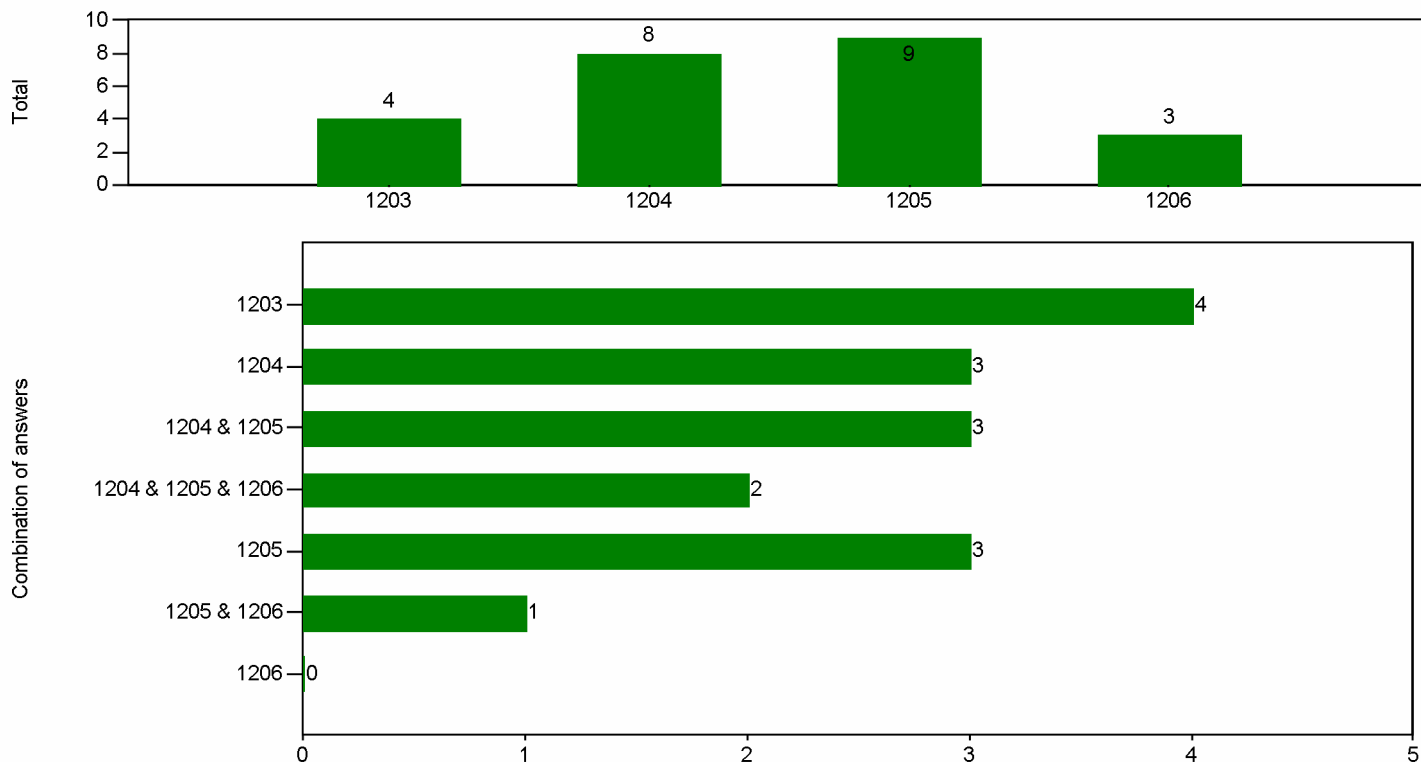
Multiple answers possible:

- 1203 Set by the State
- 1204 On the basis of revenue requirements, having regard to company overheads
- 1205 On the basis of the individual production costs of each service
- 1206 Benchmarking of Tariffs

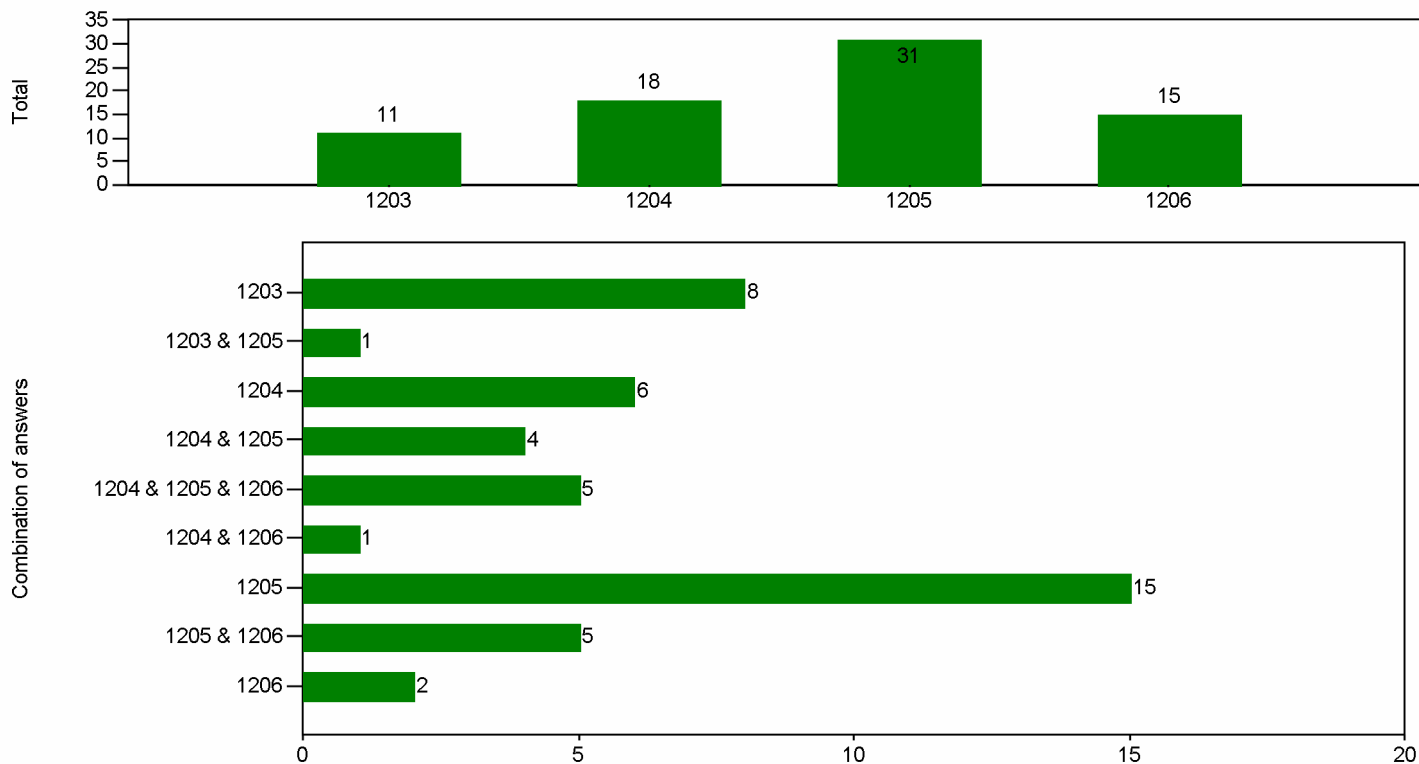
Administration Authorities



Operators



Administration Authorities and Operators

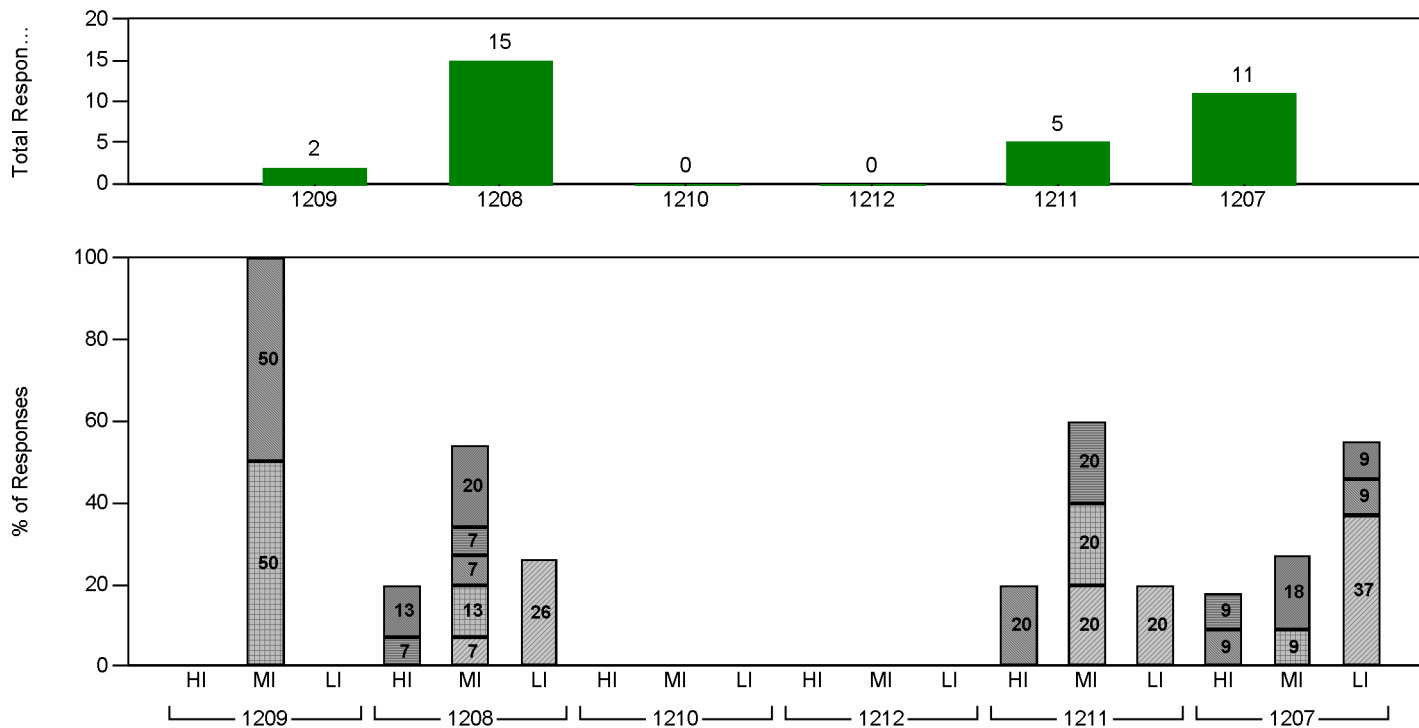


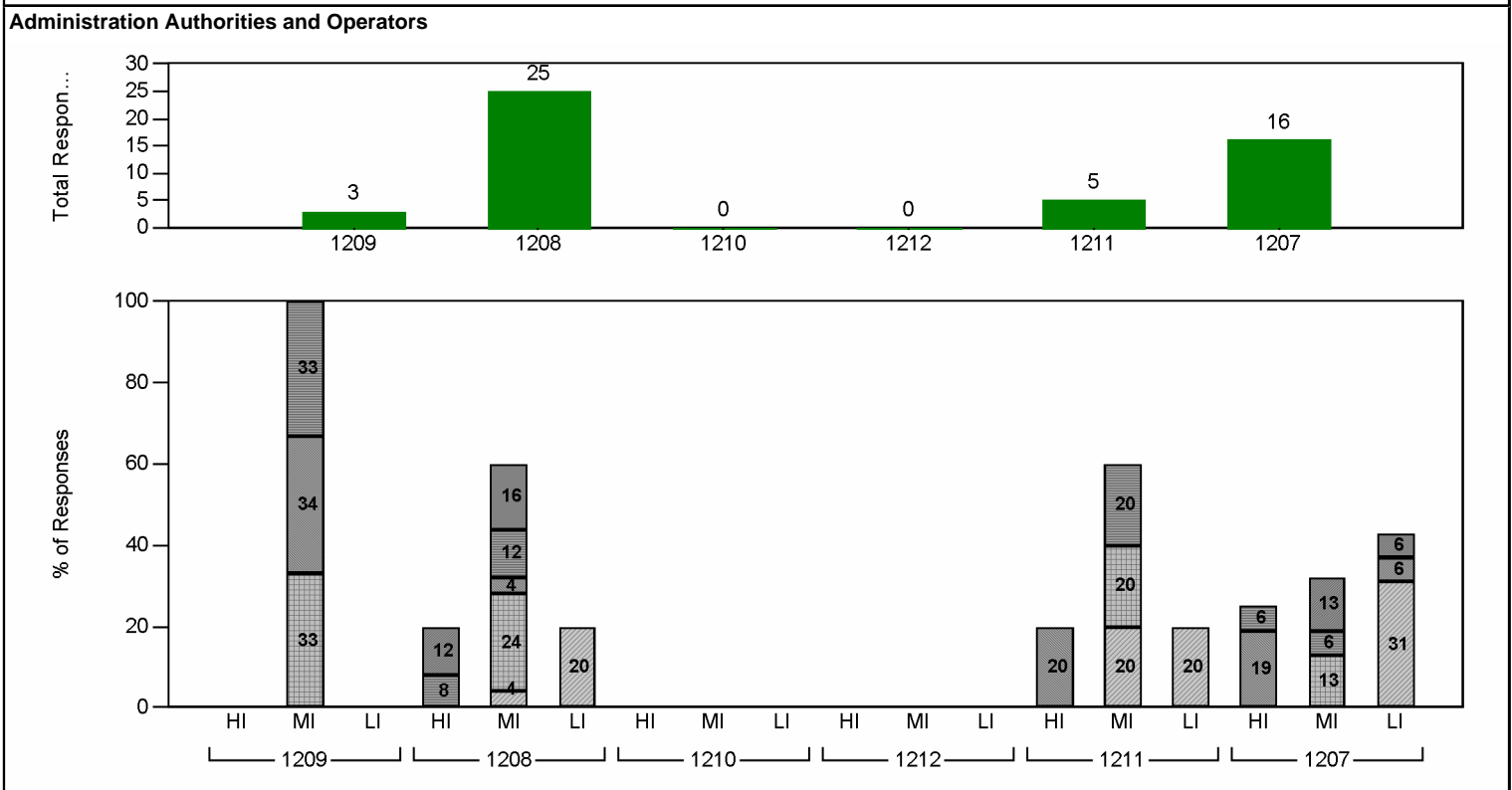
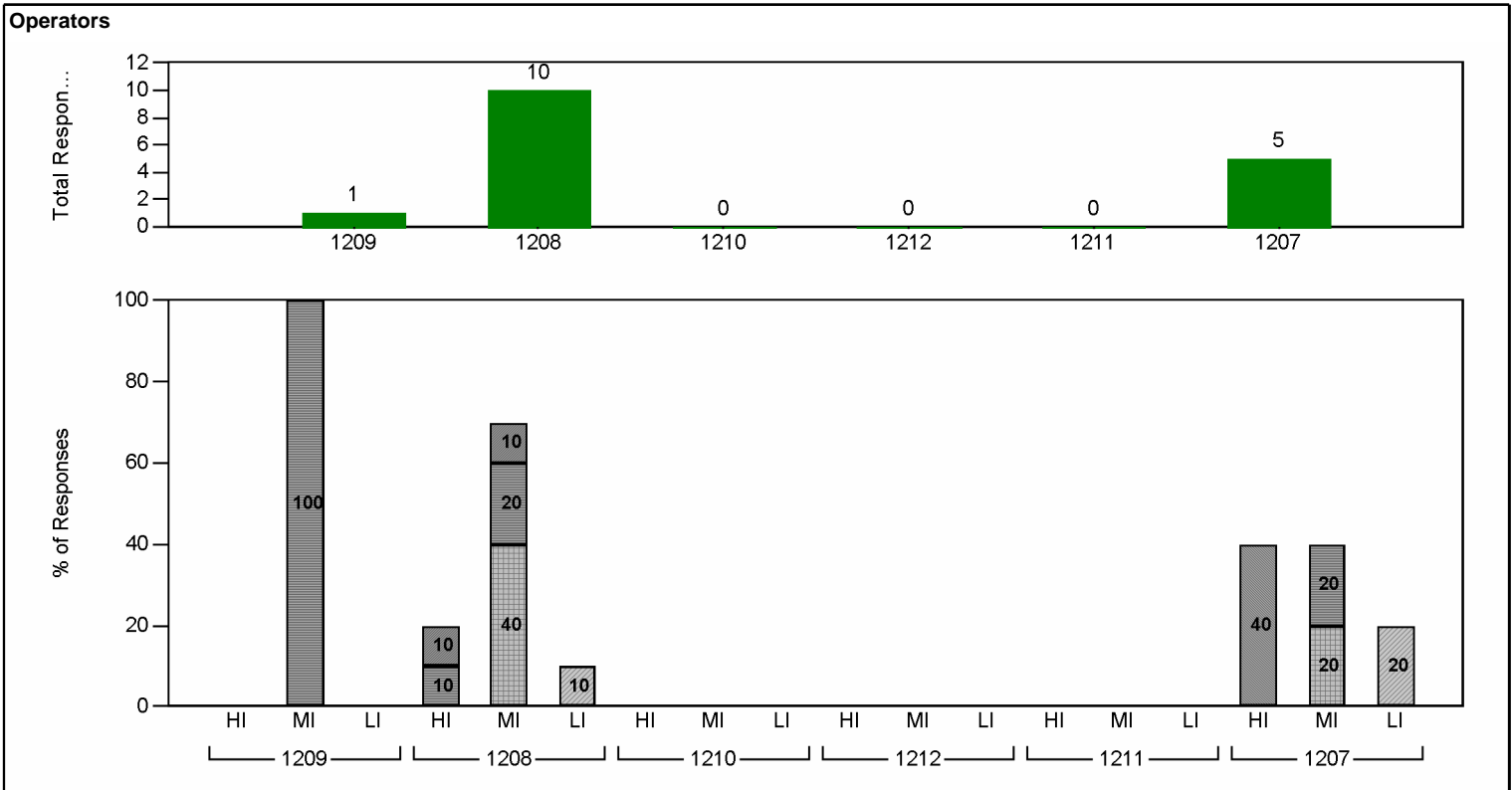
2.2. If you use a cost-based tariff model, please indicate its type:

Only one answer possible:

- 1208 Cost model developed by the company itself
- 1209 Cost model acquired on the market
- 1210 Cost model of a regional organization
- 1211 ITU cost model
- 1212 Cost model of an international organization other than ITU
- 1207 None

Administration Authorities



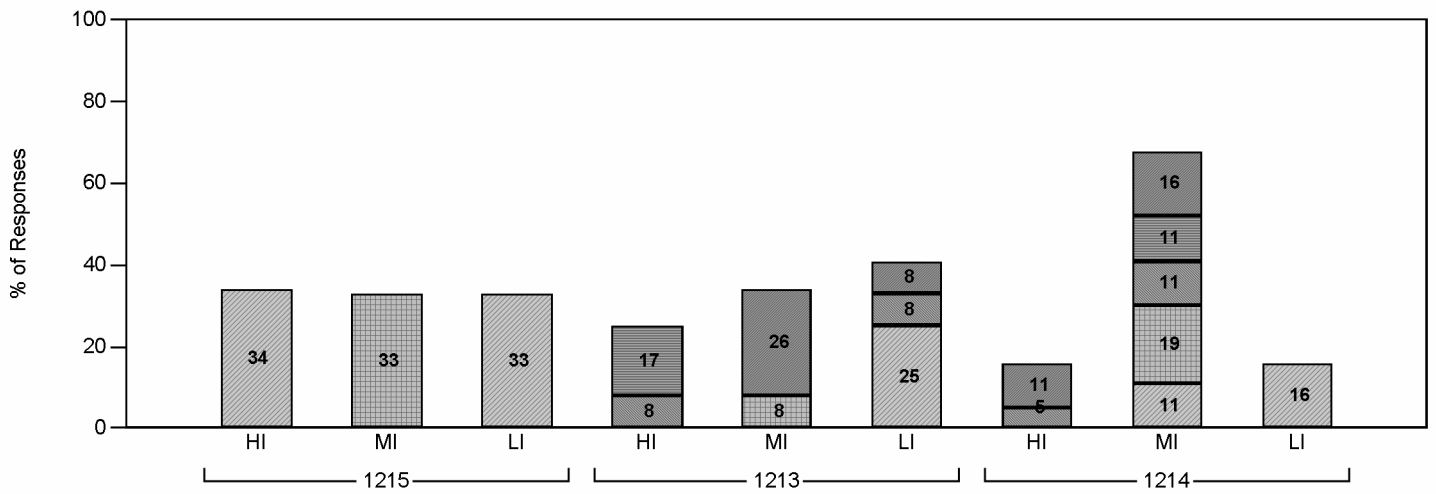
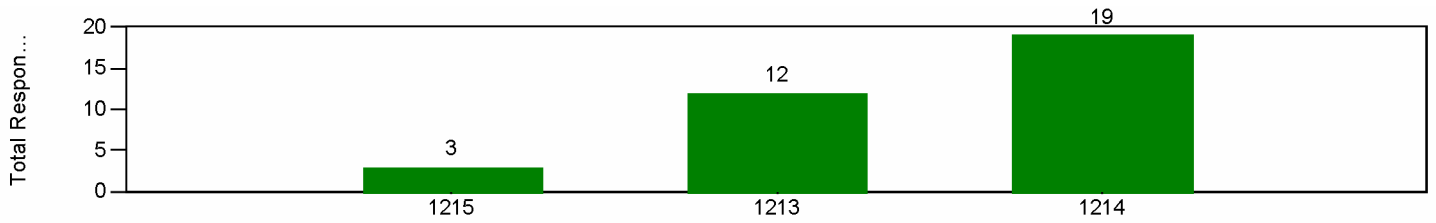


2.3. If you use a cost model, please indicate whether it depends absolutely on cost accounting data.

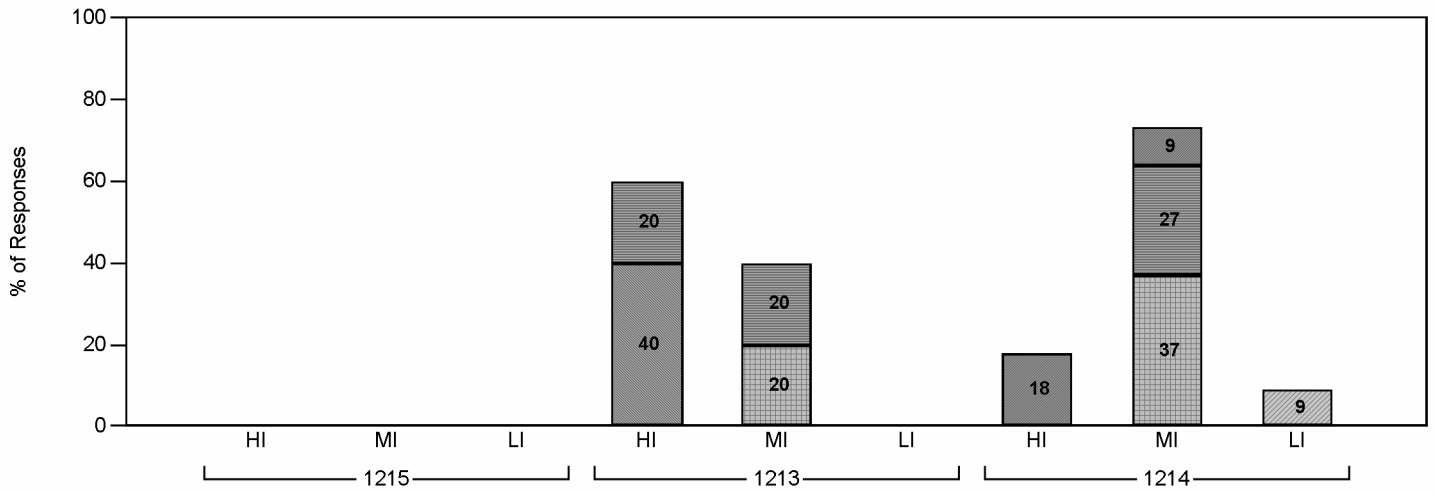
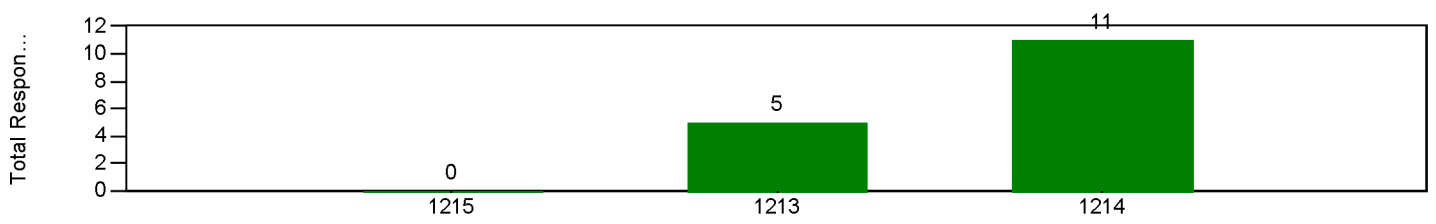
Only one answer possible:

- 1214 Yes
- 1215 No
- 1213 Not applicable

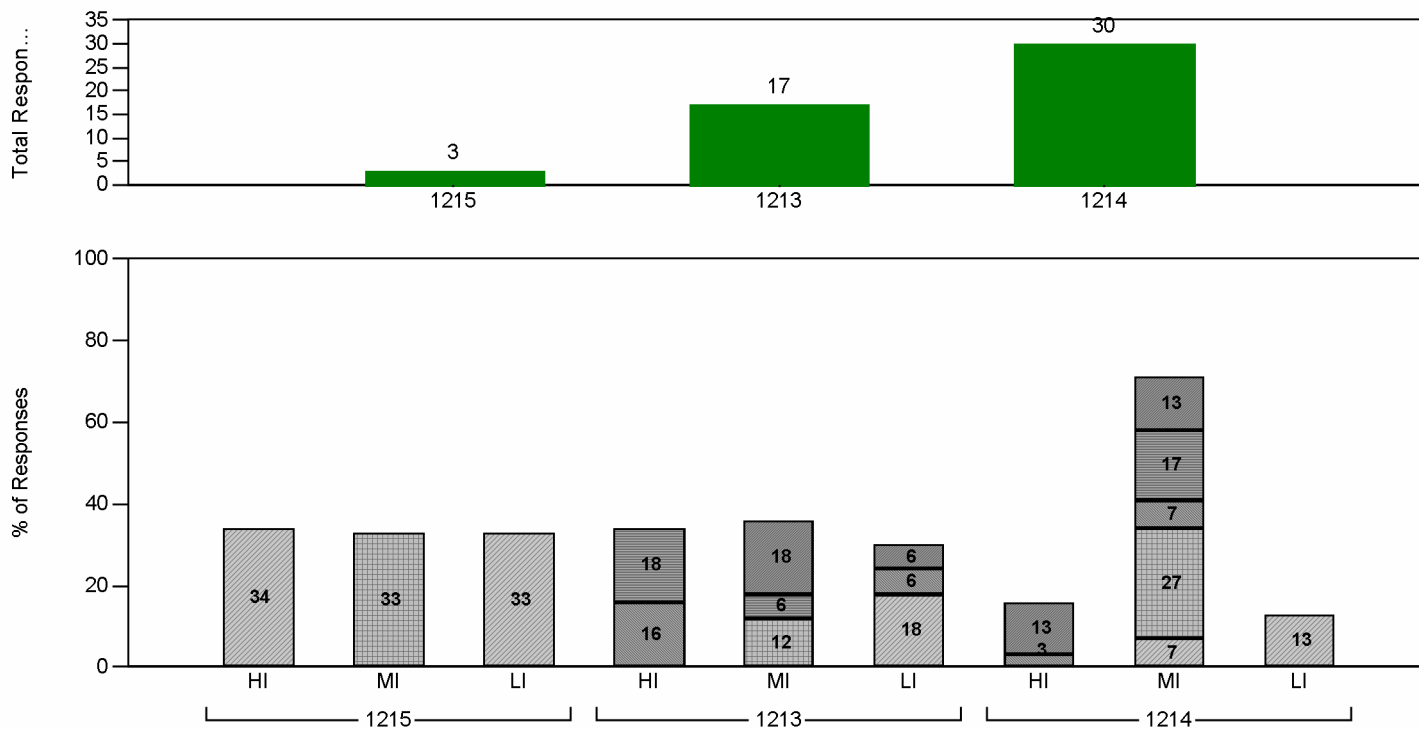
Administration Authorities



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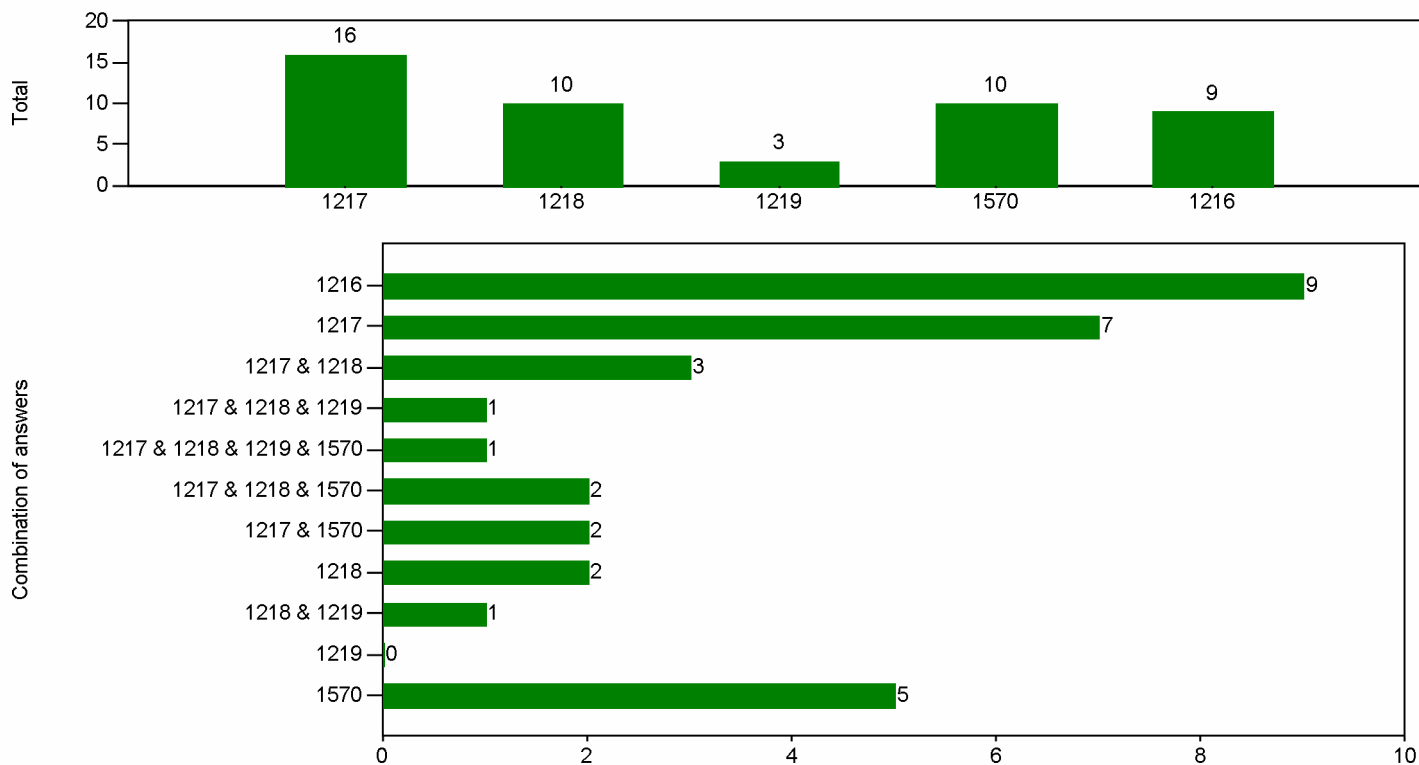


2.4. If you use a tariff model, please indicate the type of costs on which it is based.

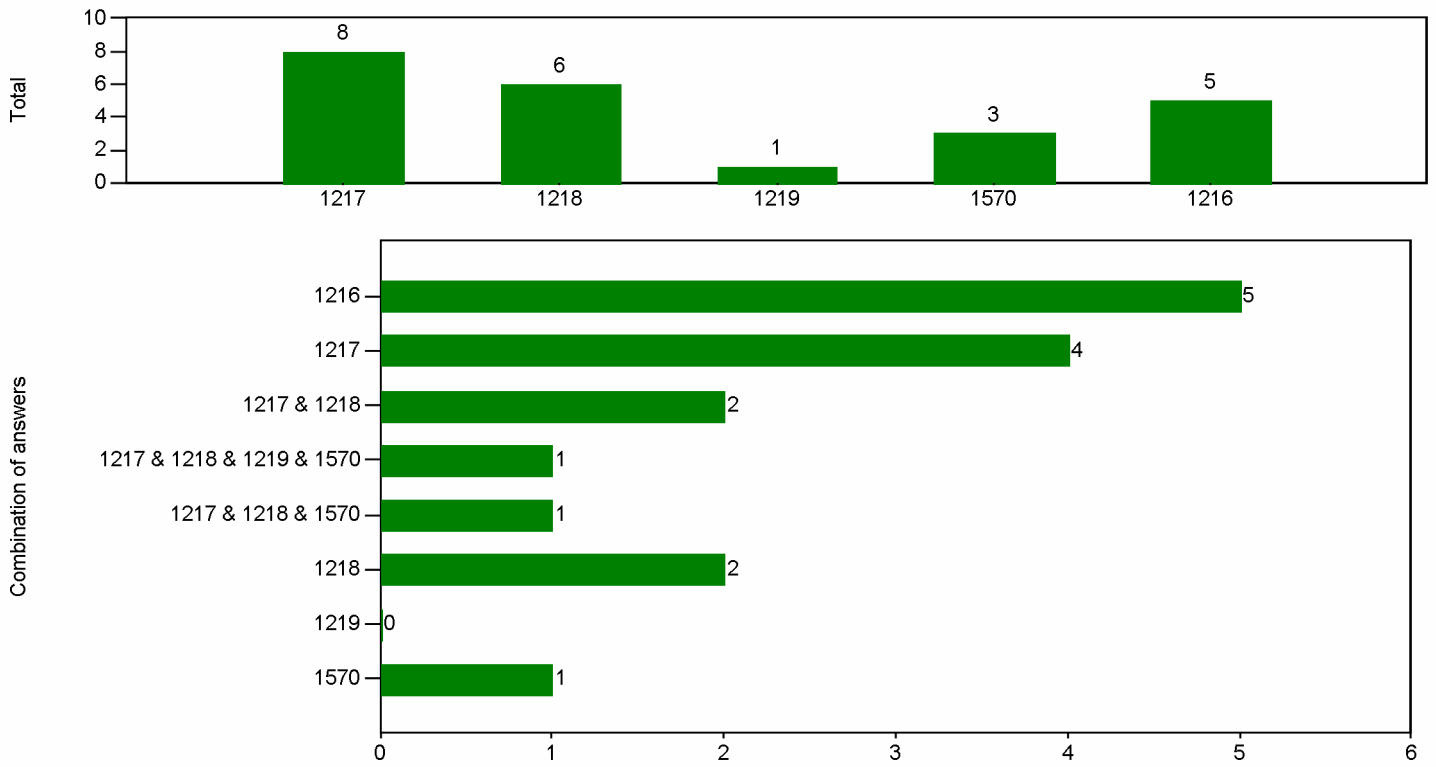
Multiple answers possible:

- 1217 Historical costs
- 1218 Current costs
- 1219 Long-run market-based benchmark costs
- 1570 Long-run incremental costs (LRIC)
- 1216 Not applicable

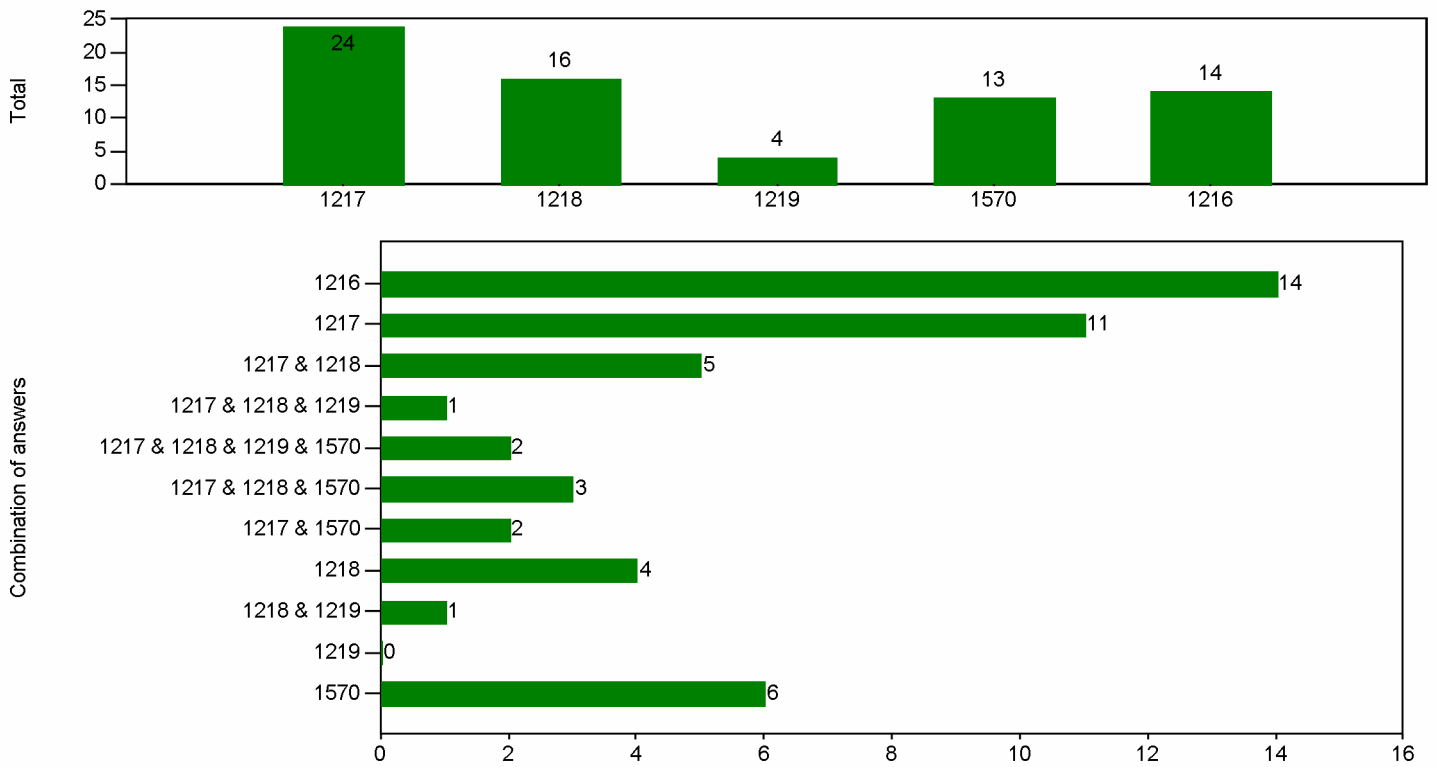
Administration Authorities



Operators



Administration Authorities and Operators

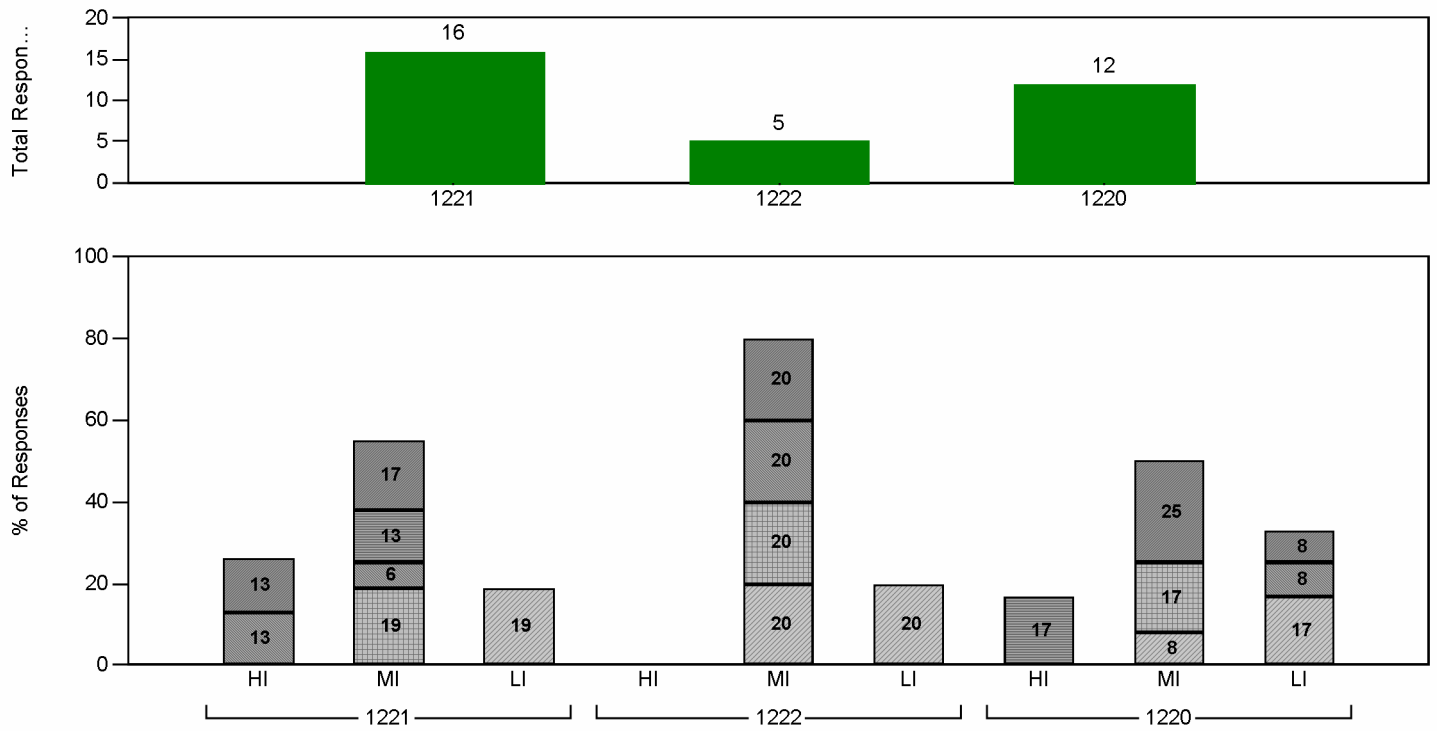


2.5. Which concept do you use as the basis for calculating telecommunication service tariffs?

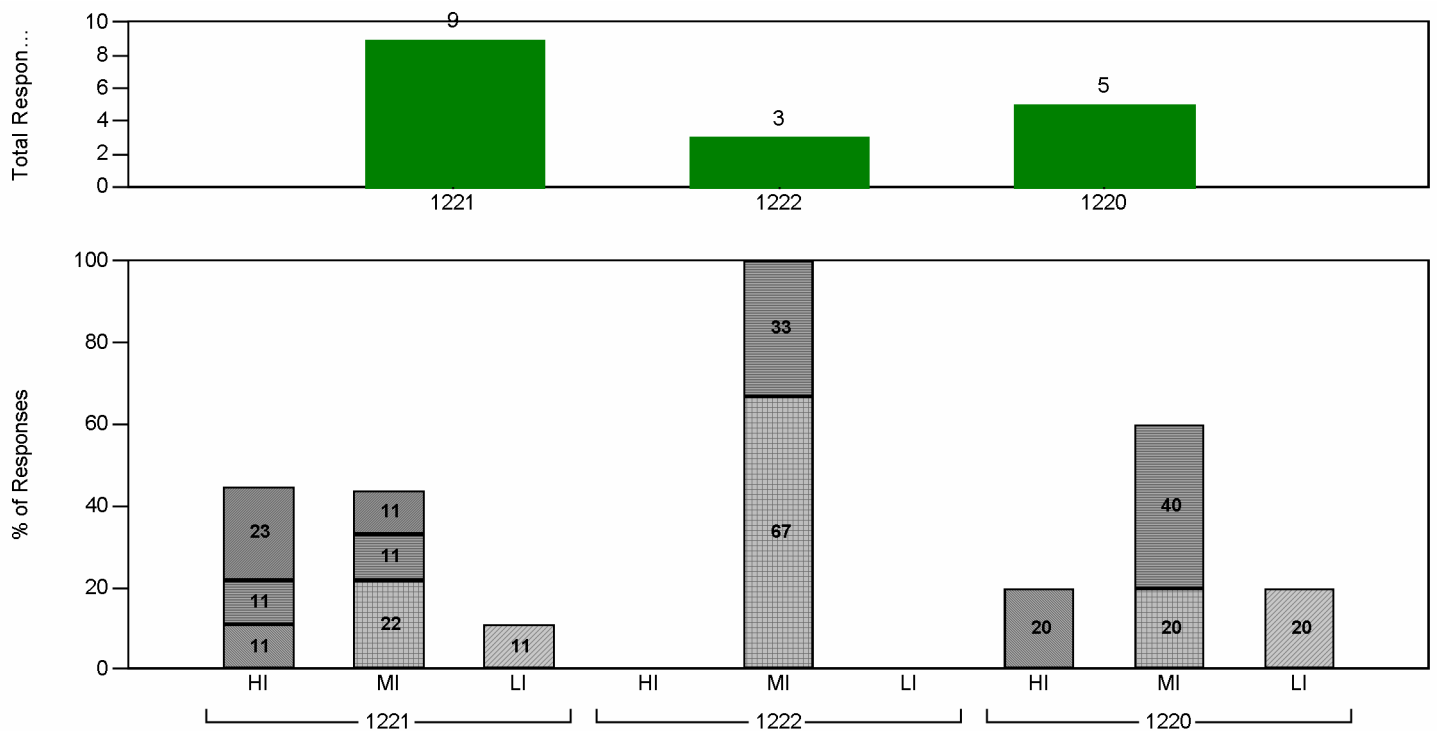
Only one answer possible:

- 1221 Fully distributed costs (FDC)
- 1222 Incremental costs (IC)
- 1220 Unspecified

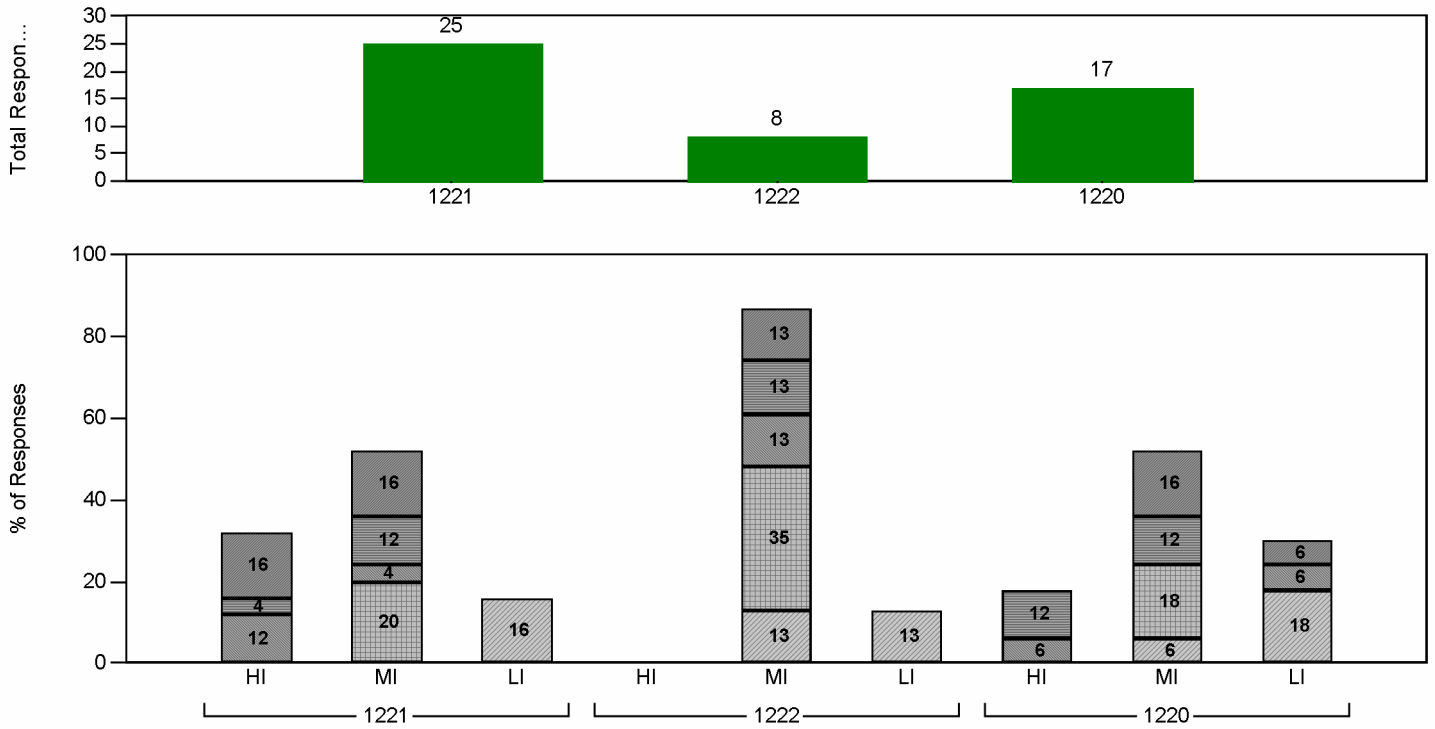
Administration Authorities



Operators



Administration Authorities and Operators

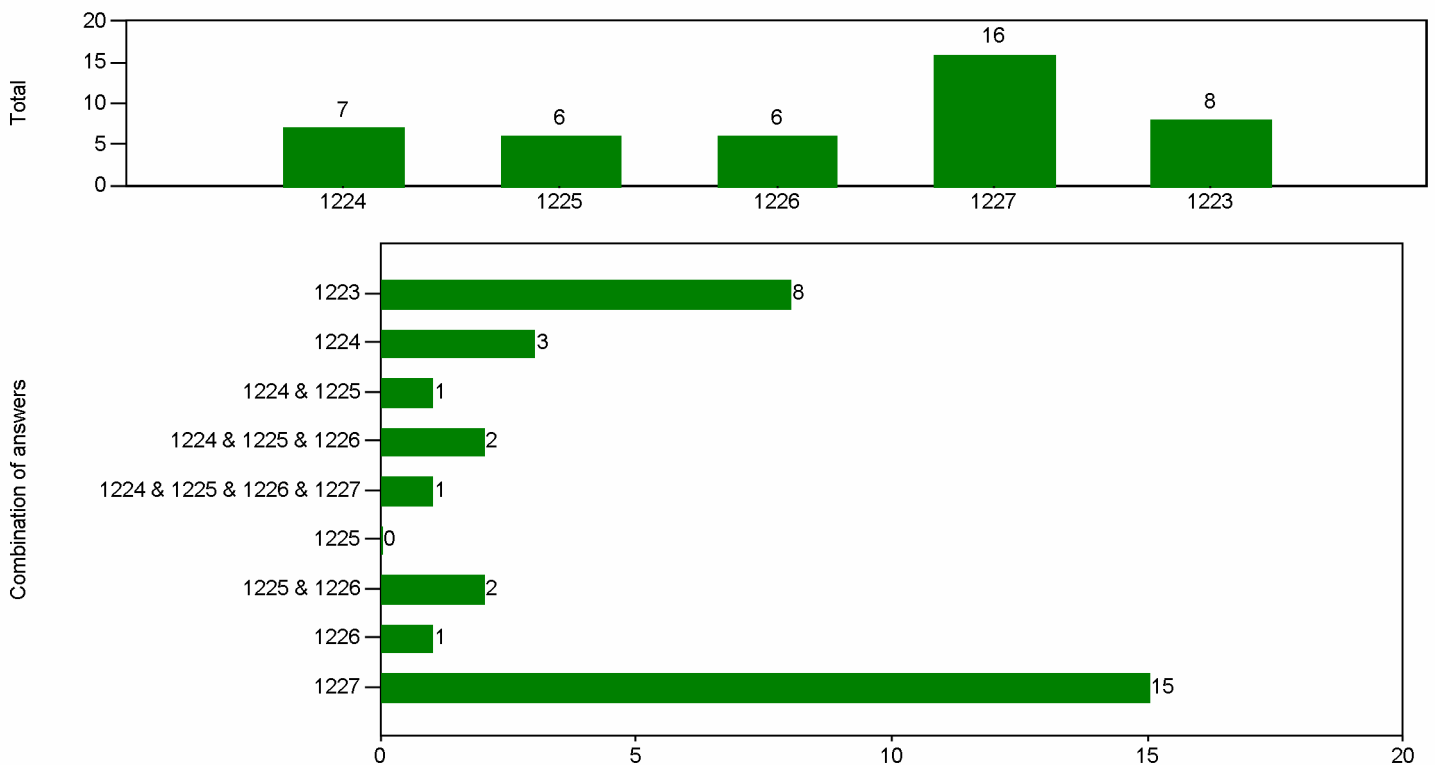


2.6. Which of these costs do you allocate by means of the ABC method (Activity-Based Costing)?

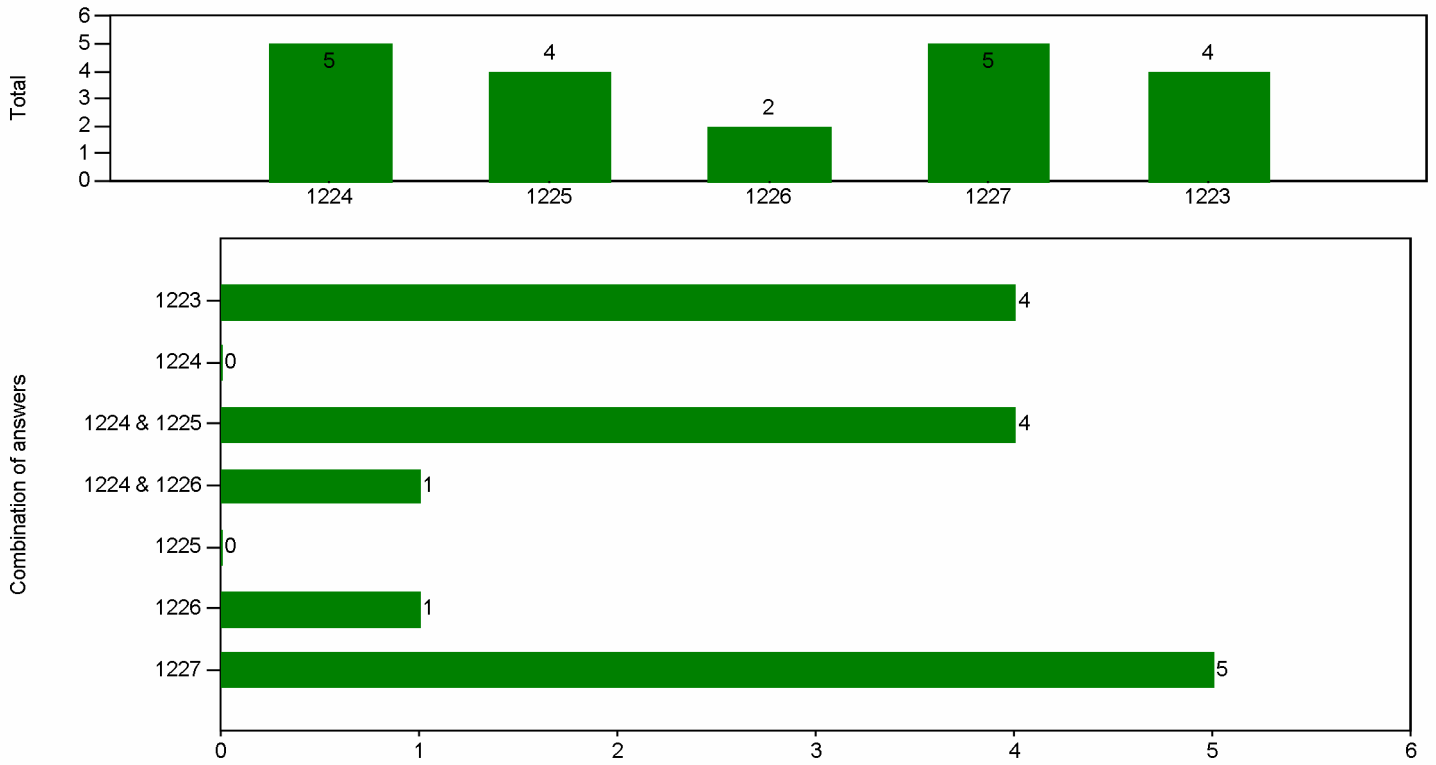
Multiple answers possible:

- 1224 Direct costs
- 1225 Indirect costs
- 1226 Common costs
- 1227 All
- 1223 None

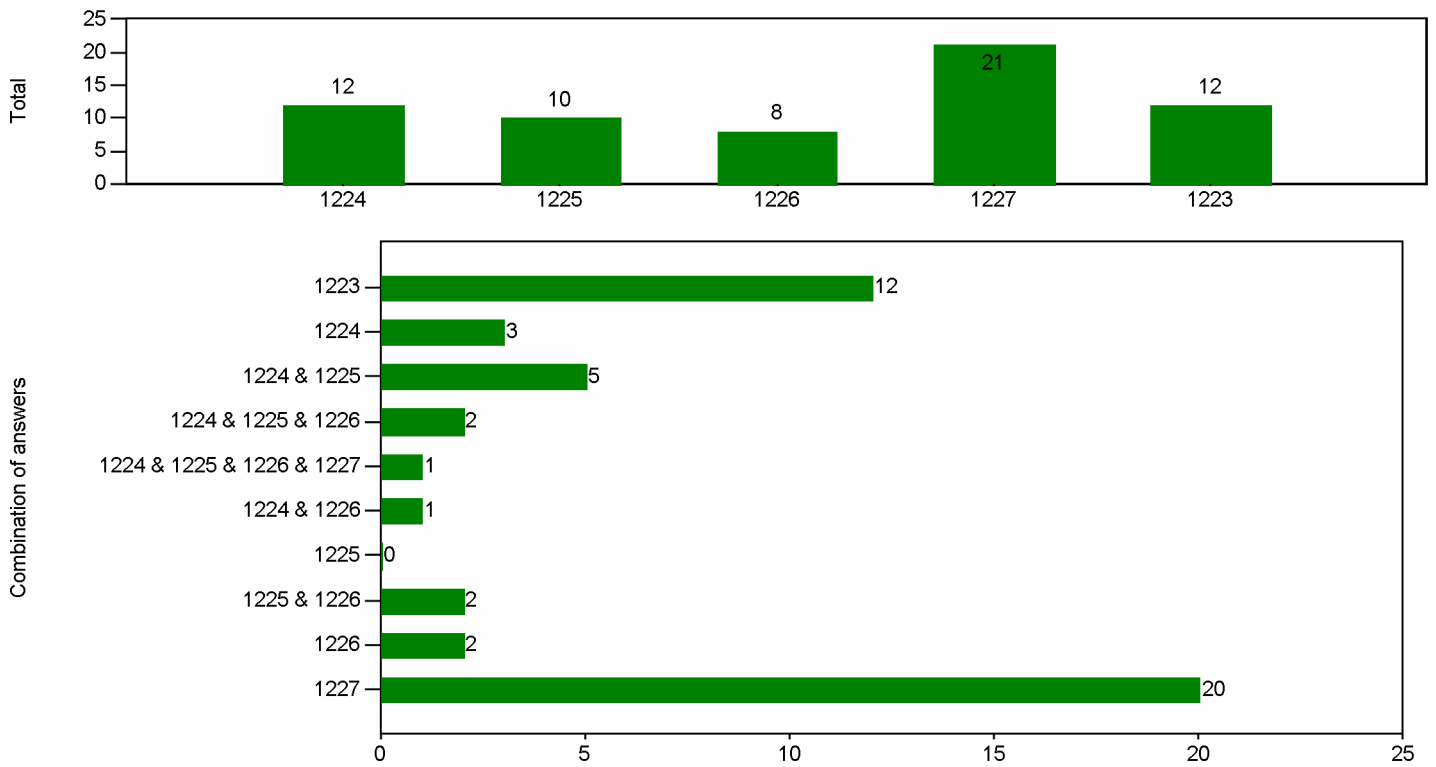
Administration Authorities



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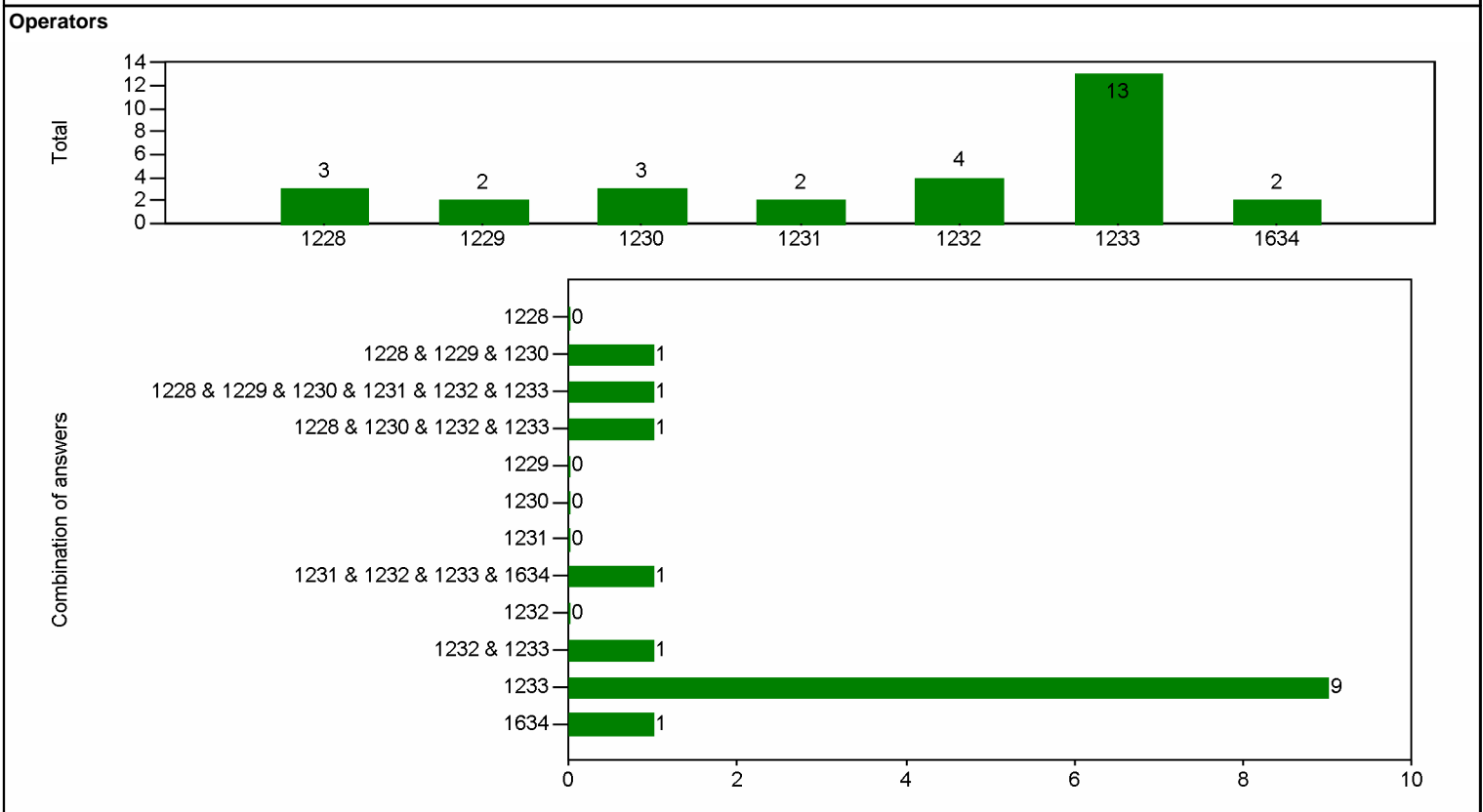
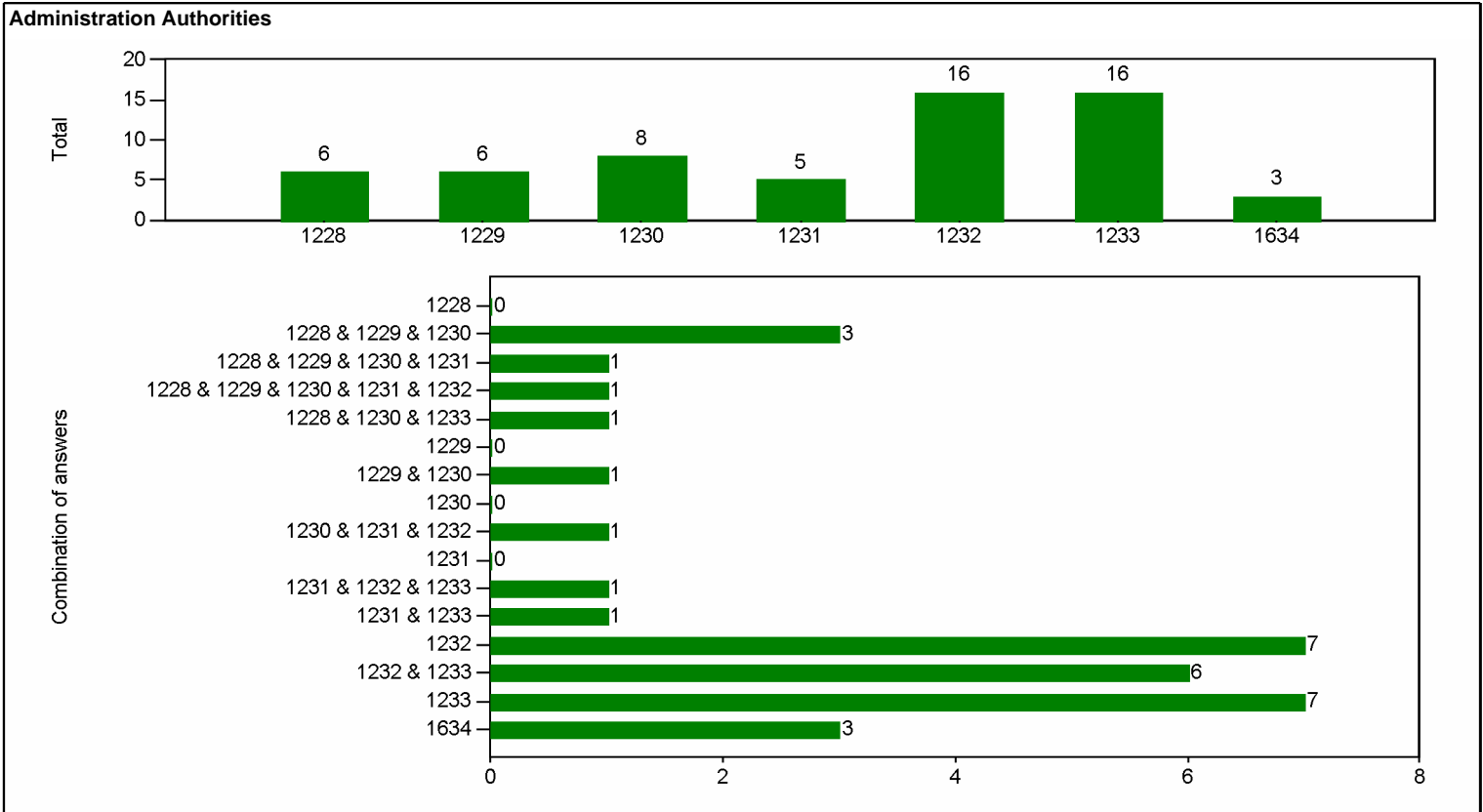


3. Universal service policy

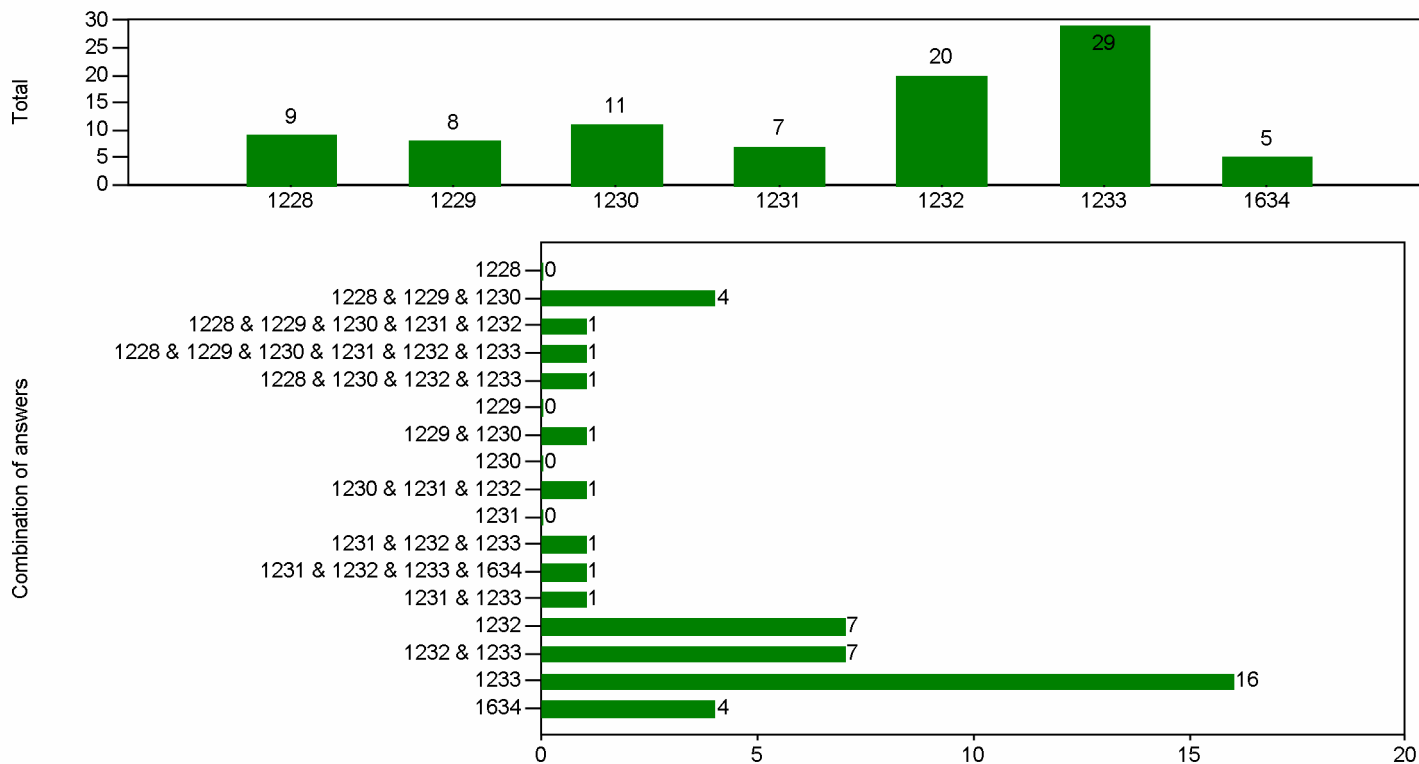
3.1. How is universal service policy implemented in your domestic market?

Multiple answers possible:

- 1228 State-imposed limits on the price of domestic calls
- 1229 State-imposed limits on installation charges
- 1230 State-imposed limit on the monthly subscription fee
- 1231 Discriminatory tariffs in favour of specific eligible groups
- 1232 Obligatory investment in unprofitable areas
- 1233 Mandatory contribution to a universal service fund
- 1634 Any other (e.g. tax, royalty, etc.)



Administration Authorities and Operators

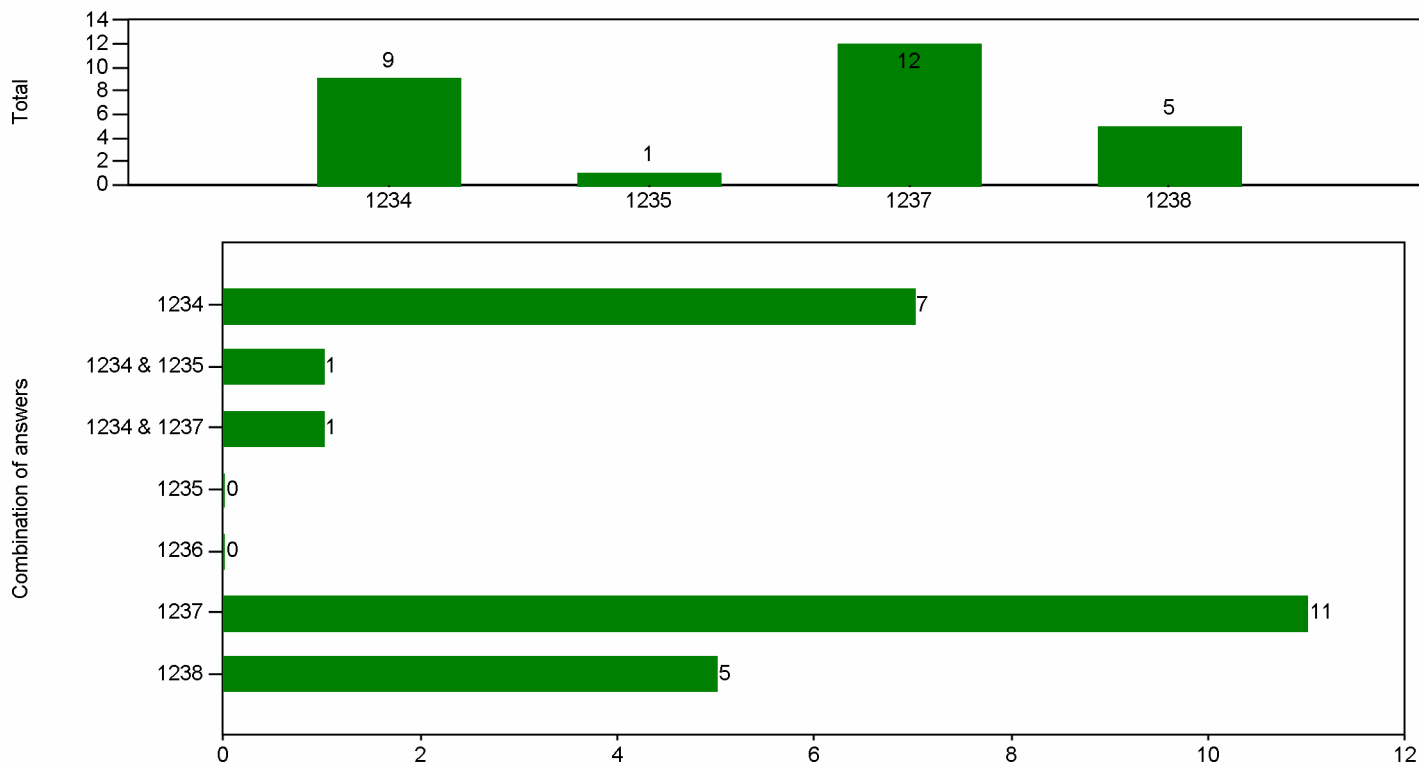


3.2. How are your universal service costs financed?

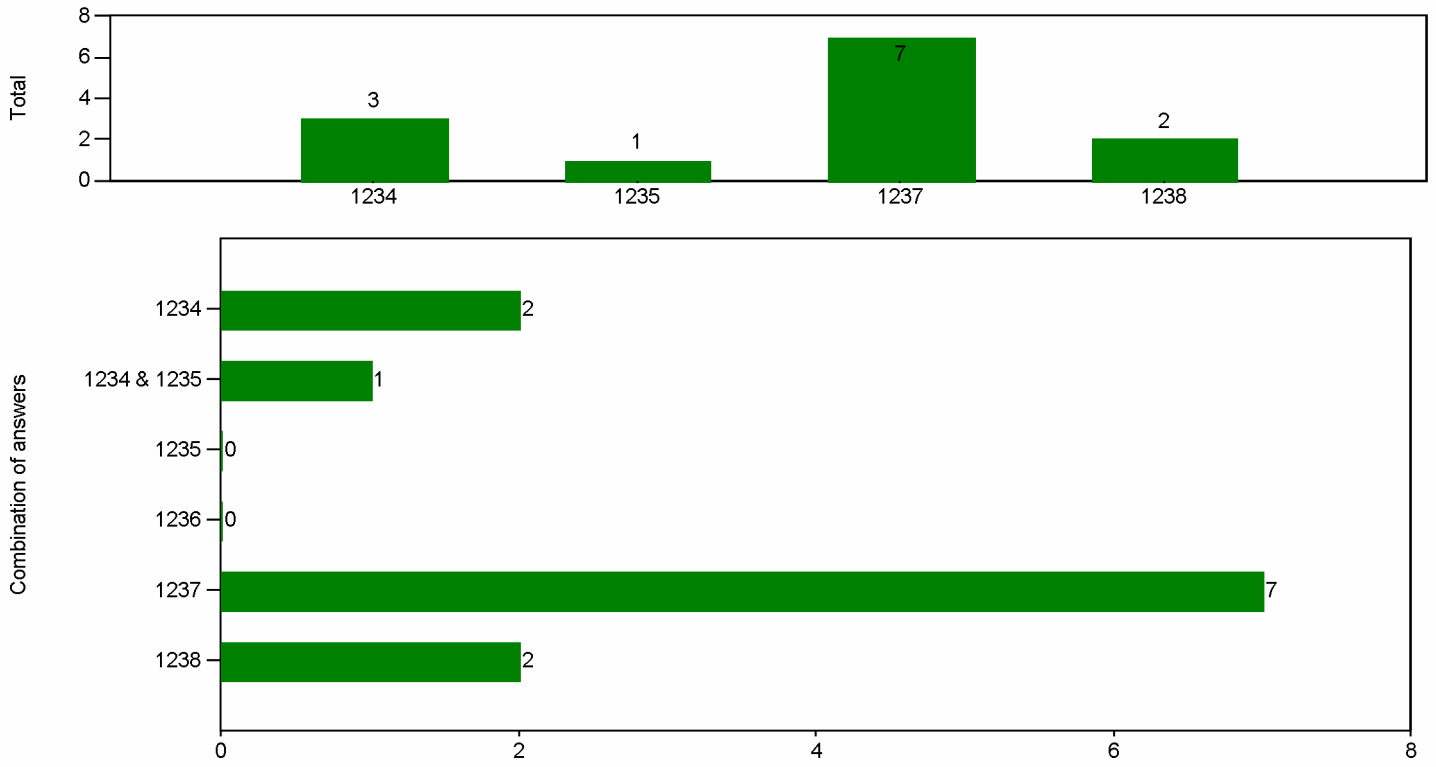
Multiple answers possible:

- 1234 Cross-subsidies between international and national services
- 1235 Reflection of the access deficit in the calculation of interconnection charges
- 1236 The setting of a USO charge in addition to the interconnection charge
- 1237 Receipts from a fund covering all costs
- 1238 Receipts from a fund covering only question 3.1, options 4 & 5 (discriminatory tariffs in favour of specific eligible groups; obligatory investment in unprofitable areas) above

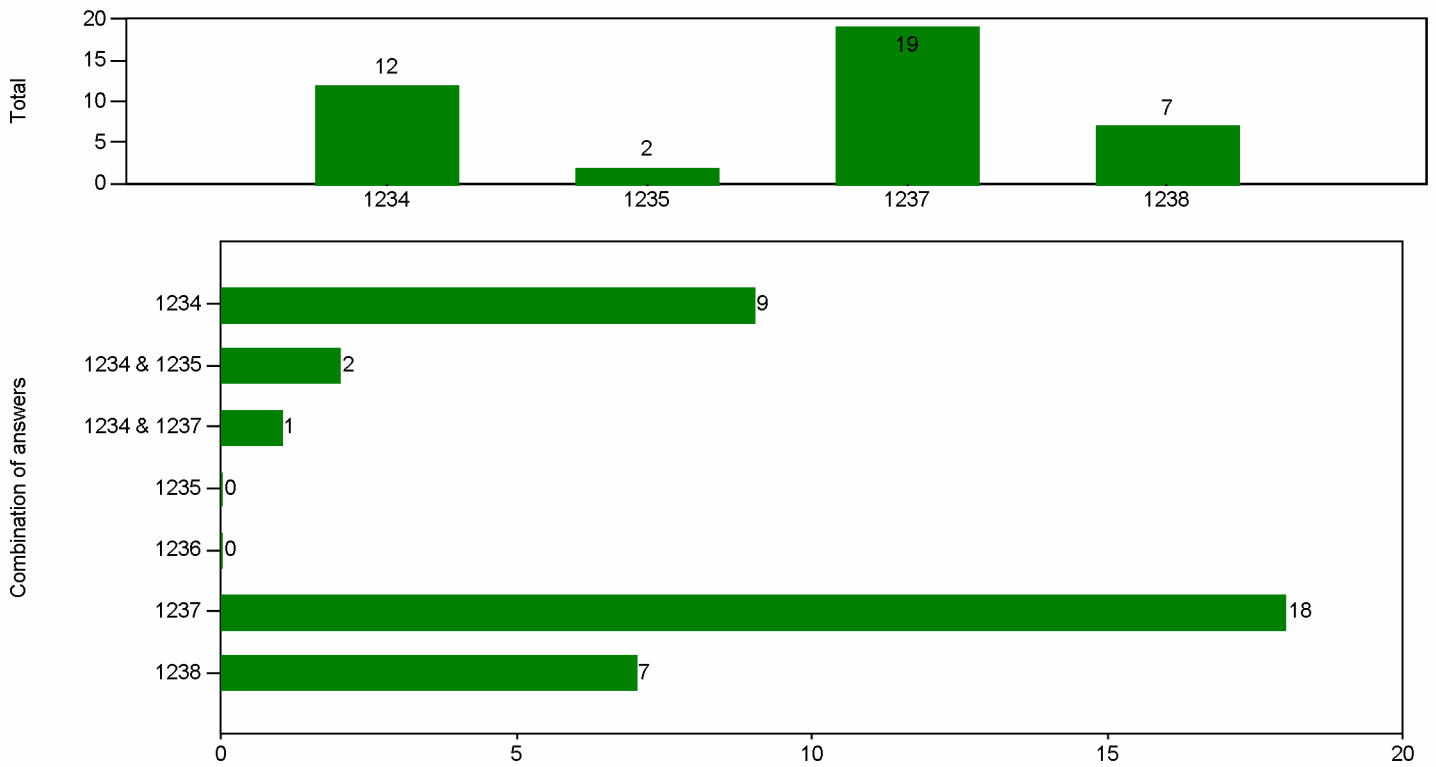
Administration Authorities



Operators



Administration Authorities and Operators



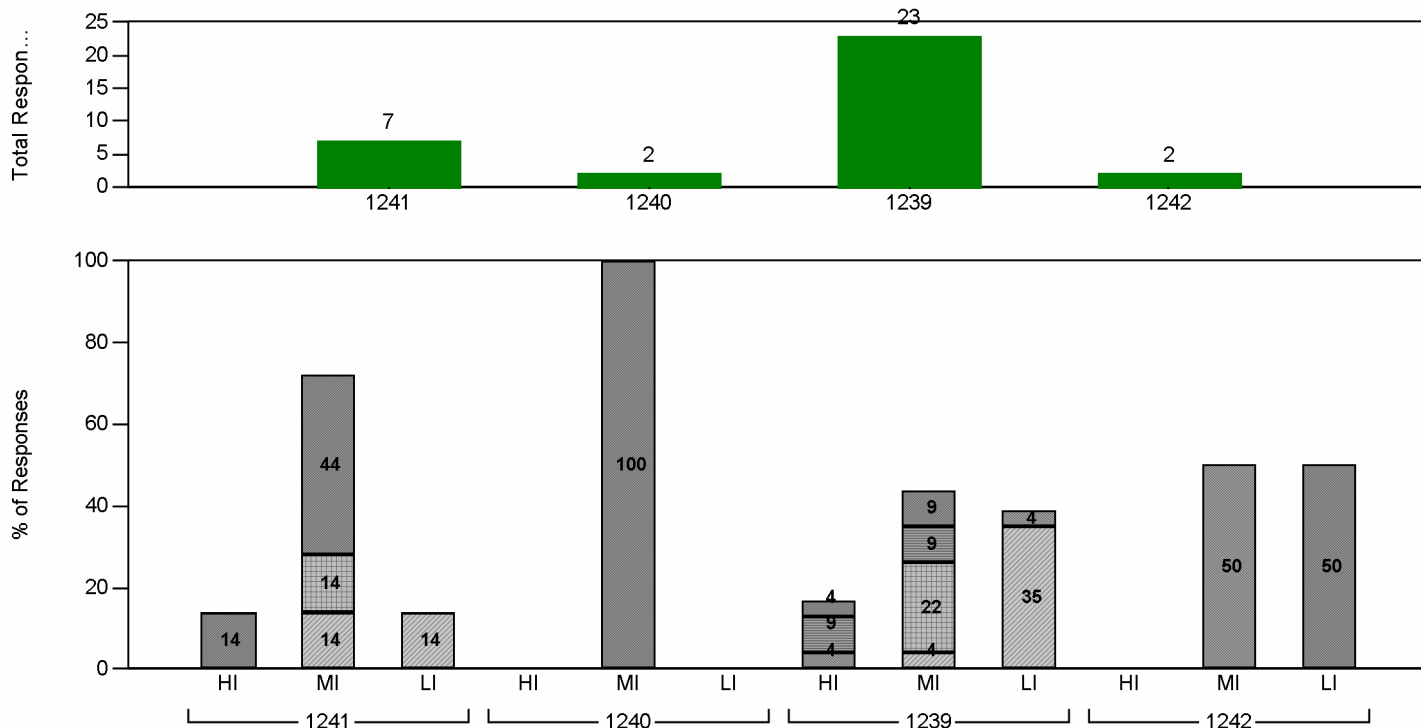
4. Tariff rebalancing

4.1. What is the time-period you have been given for absorbing the access deficit? (Tariff rebalancing).

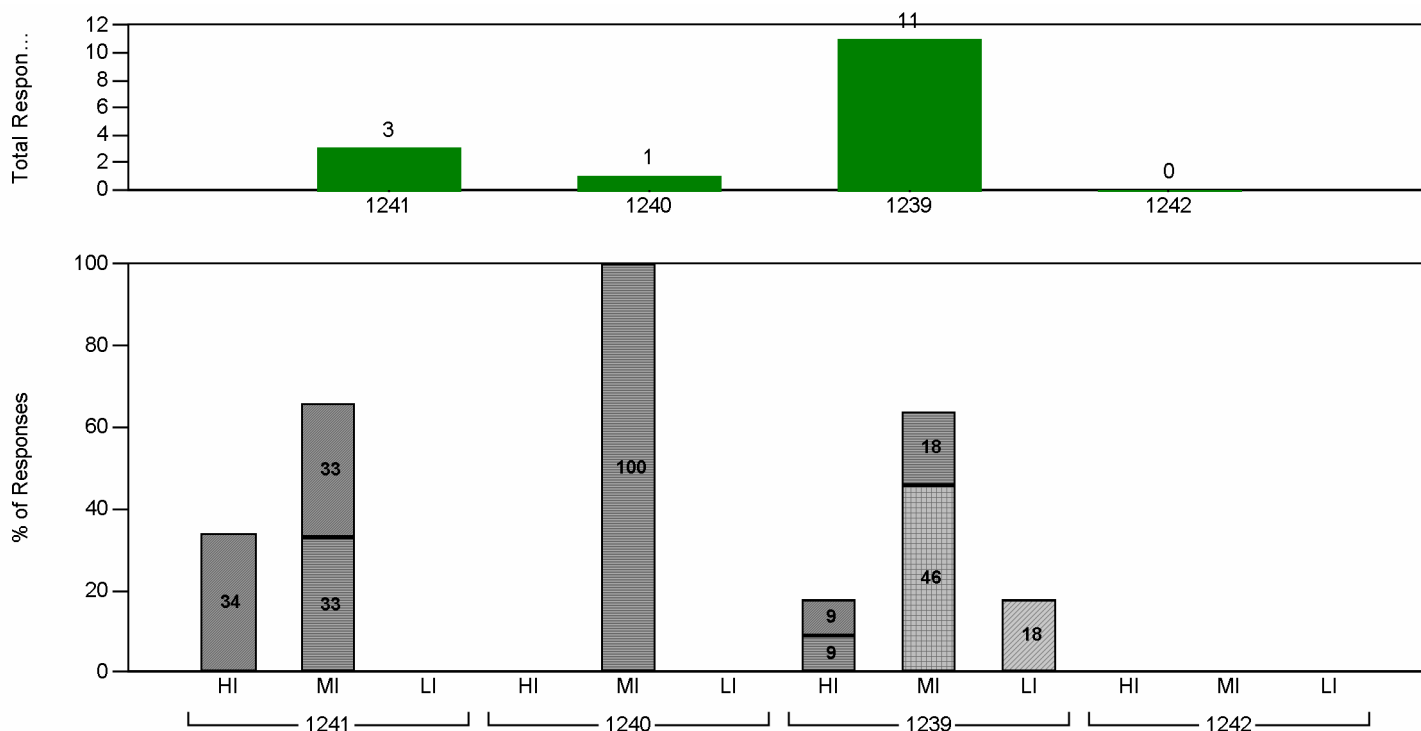
Only one answer possible:

- 1240 Less than three years
- 1241 Between three and seven years
- 1242 Over seven years
- 1239 Not determined

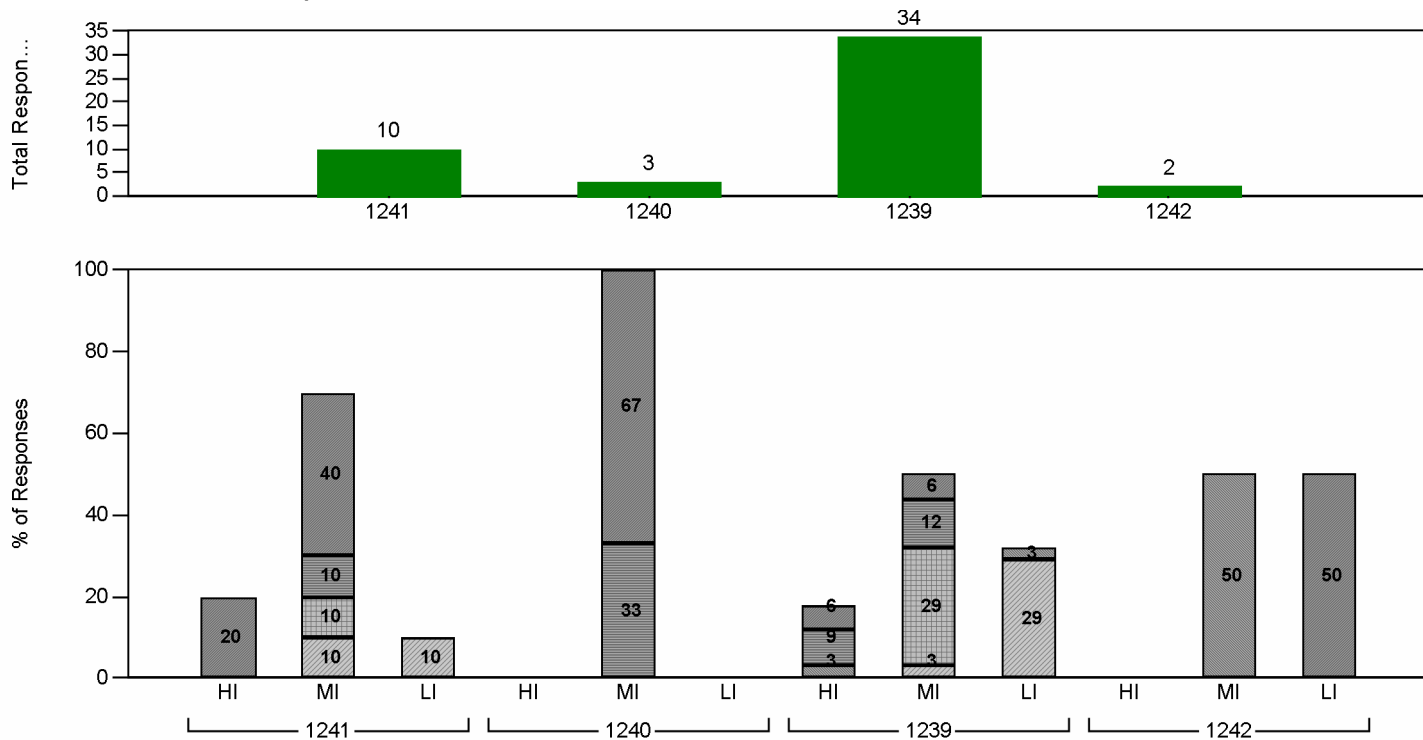
Administration Authorities



Operators



Administration Authorities and Operators

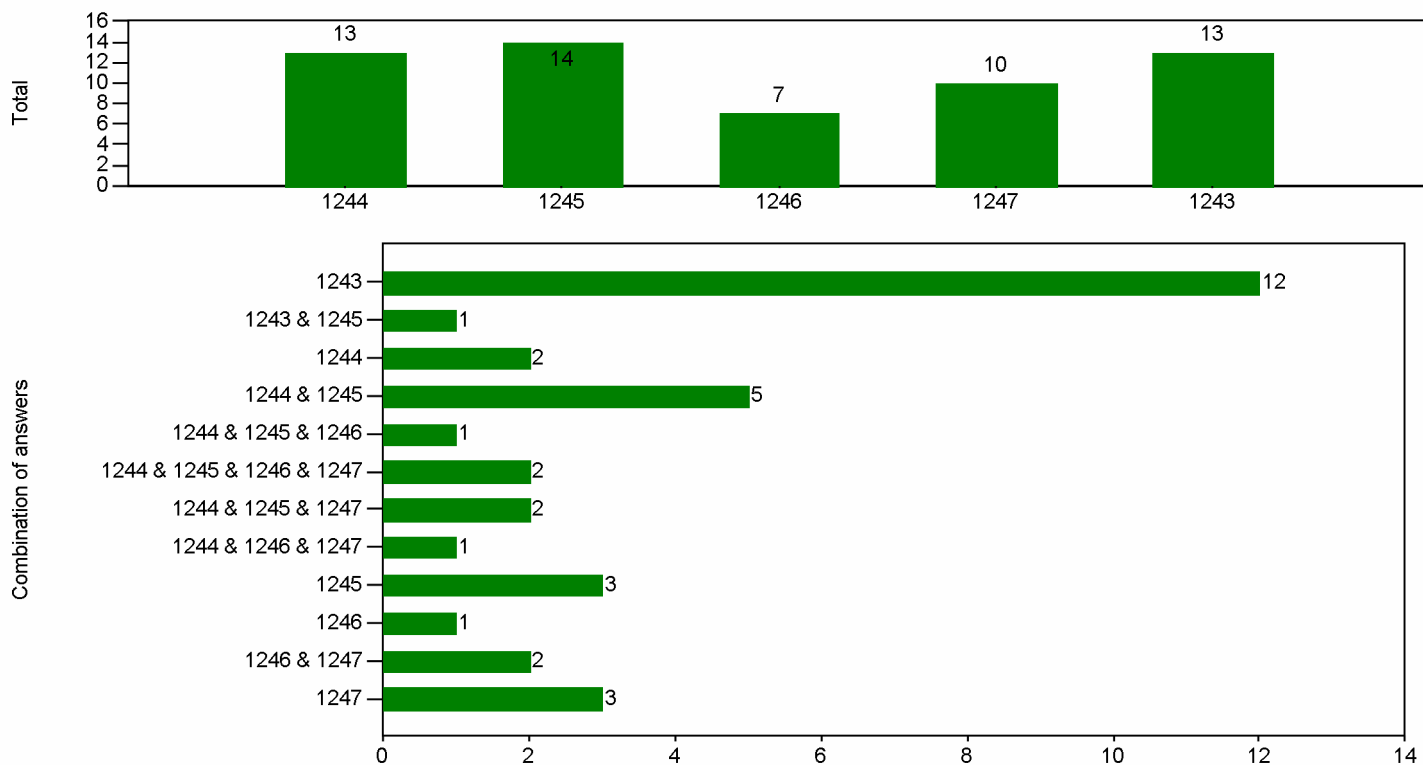


4.2. Which of these elements features in your tariff rebalancing strategy?

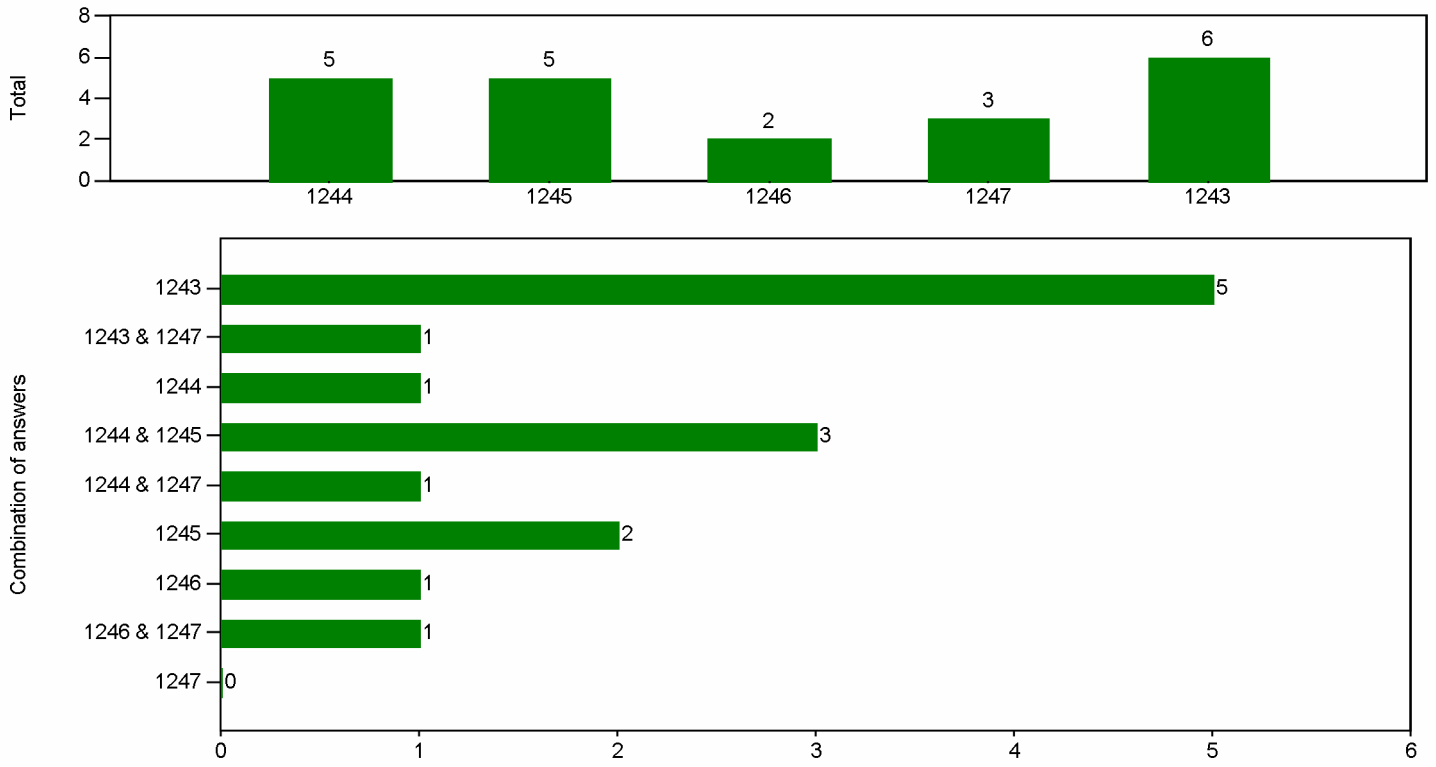
Multiple answers possible:

- 1244 Increasing the price of domestic services
- 1245 Increasing the amount of the monthly subscription fee
- 1246 Expanding the overall volume of domestic traffic
- 1247 Controlling costs
- 1243 None

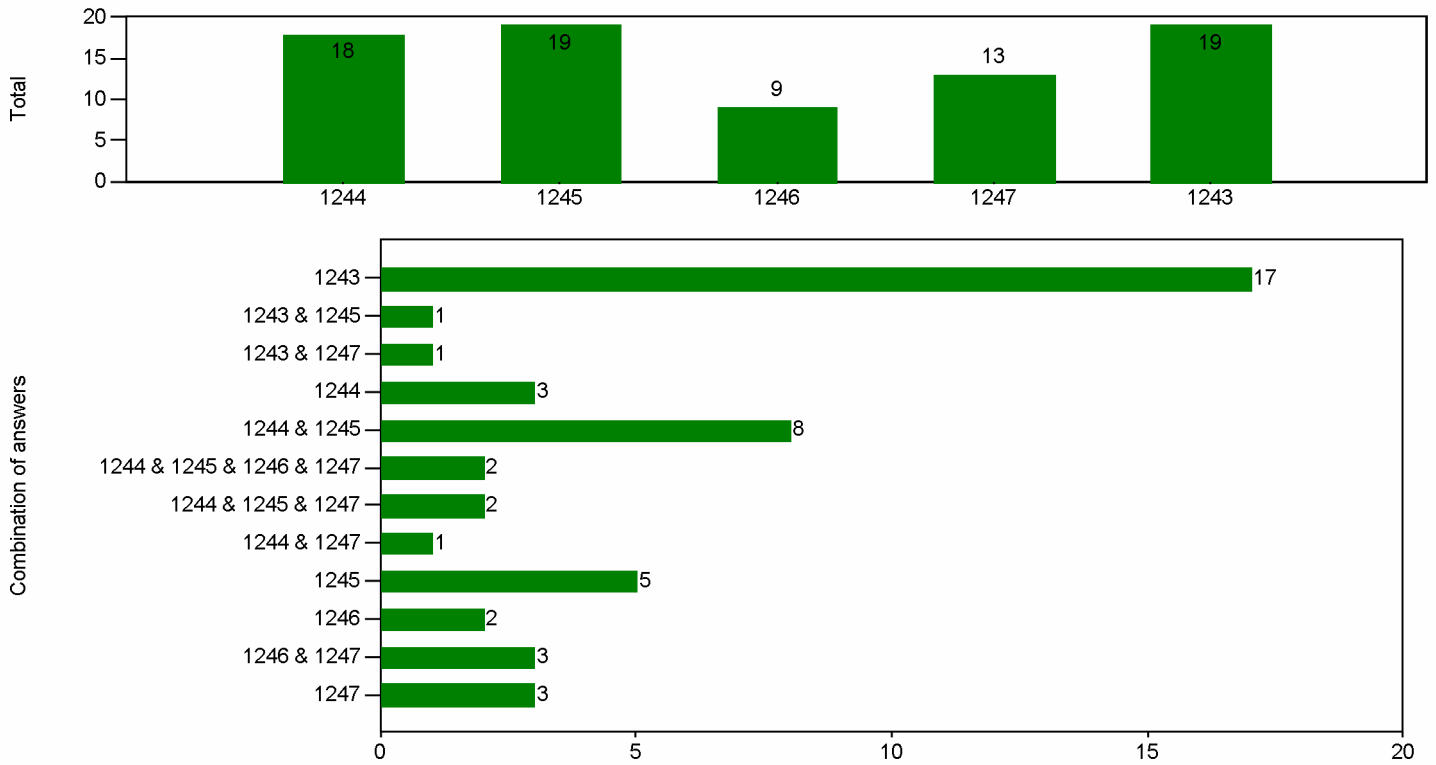
Administration Authorities



Operators



Administration Authorities and Operators



4.3. Has your country implemented tariff rebalancing?

Only one answer possible:

- 1248 Yes
1249 No Why?

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
12	Africa	0	2	4	6 50%	1	0	5	6 50%		
4	Arab States	1	2	1	4 100%	0	0	0	0 0%		
4	Asia & Pacific	1	2	0	3 75%	1	0	0	1 25%		
11	Europe & CIS countries	3	5	1	9 82%	0	2	0	2 18%		
7	The Americas	0	5	0	5 71%	0	2	0	2 29%		
38					27 71%				11 29%		

Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
2	Africa	0	0	0	1 50%	0	0	0	1 50%		
0	Arab States	0	0	0	0 0%	0	0	0	0 0%		
5	Asia & Pacific	0	0	0	2 40%	0	0	0	3 60%		
3	Europe & CIS countries	0	0	0	2 67%	0	0	0	1 33%		
5	The Americas	0	0	0	4 80%	0	0	0	1 20%		
15					9 60%				6 40%		

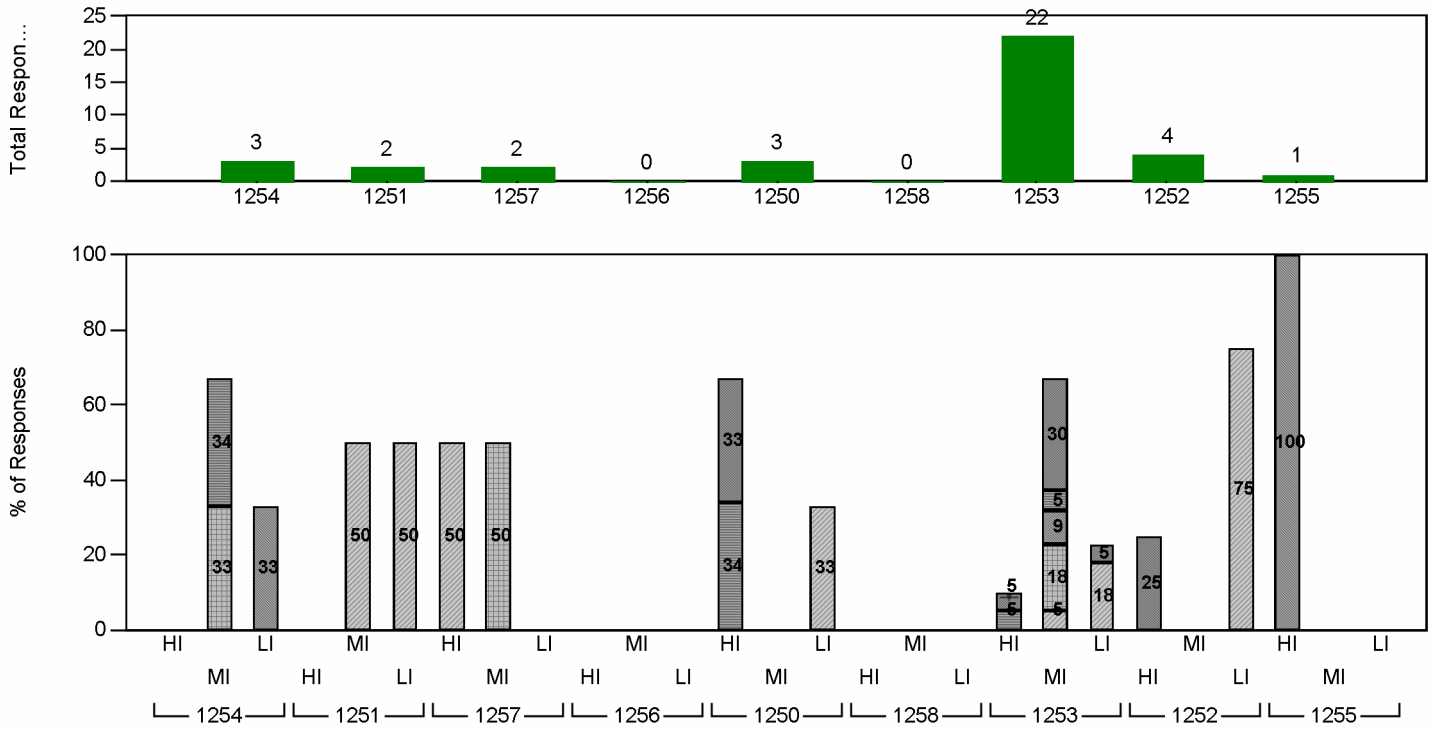
Administration Authorities and Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
14	Africa	0	0	0	7 50%	0	0	0	7 50%		
4	Arab States	0	0	0	4 100%	0	0	0	0 0%		
9	Asia & Pacific	0	0	0	5 56%	0	0	0	4 44%		
14	Europe & CIS countries	0	0	0	11 79%	0	0	0	3 21%		
12	The Americas	0	0	0	9 75%	0	0	0	3 25%		
53					36 68%				17 32%		

4.4. How are your domestic tariffs approved?

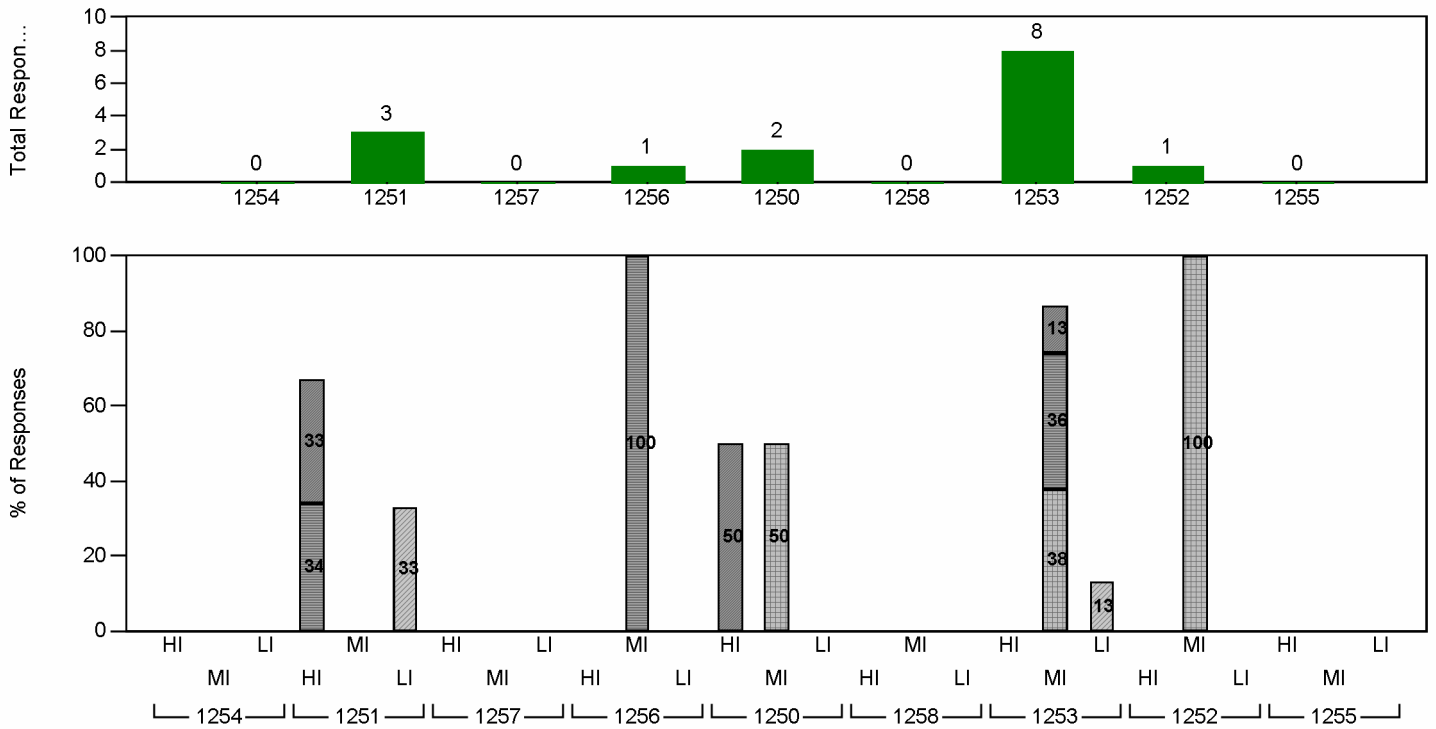
Only one answer possible:

- 1251 Board of Directors
1252 Simple notification of the authority
1253 Regulatory authority
1254 Approval by the ministry
1255 Tariffs calculated by the ministry
1256 Government Act
1257 Council of Ministers
1258 Parliamentary approval
1250 Other, please specify:

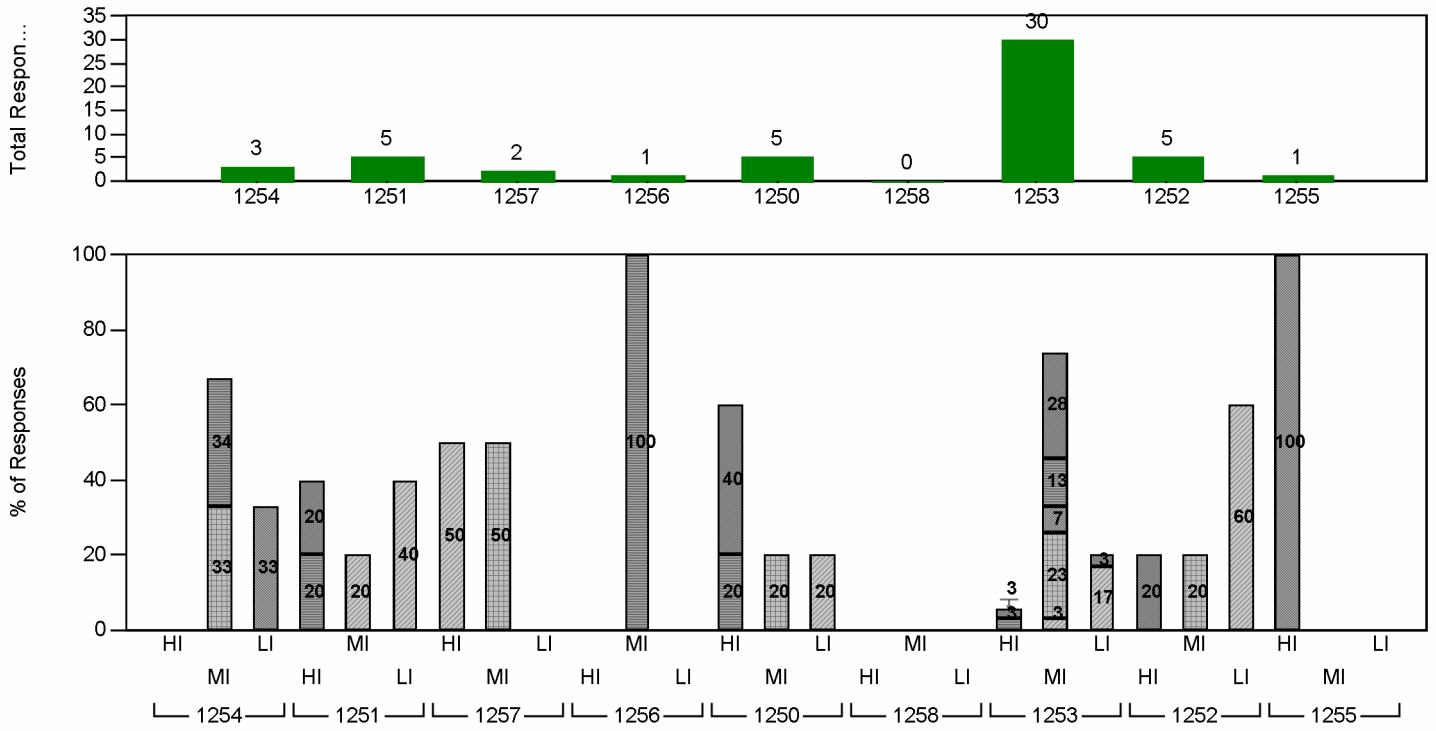
Administration Authorities



Operators



Administration Authorities and Operators



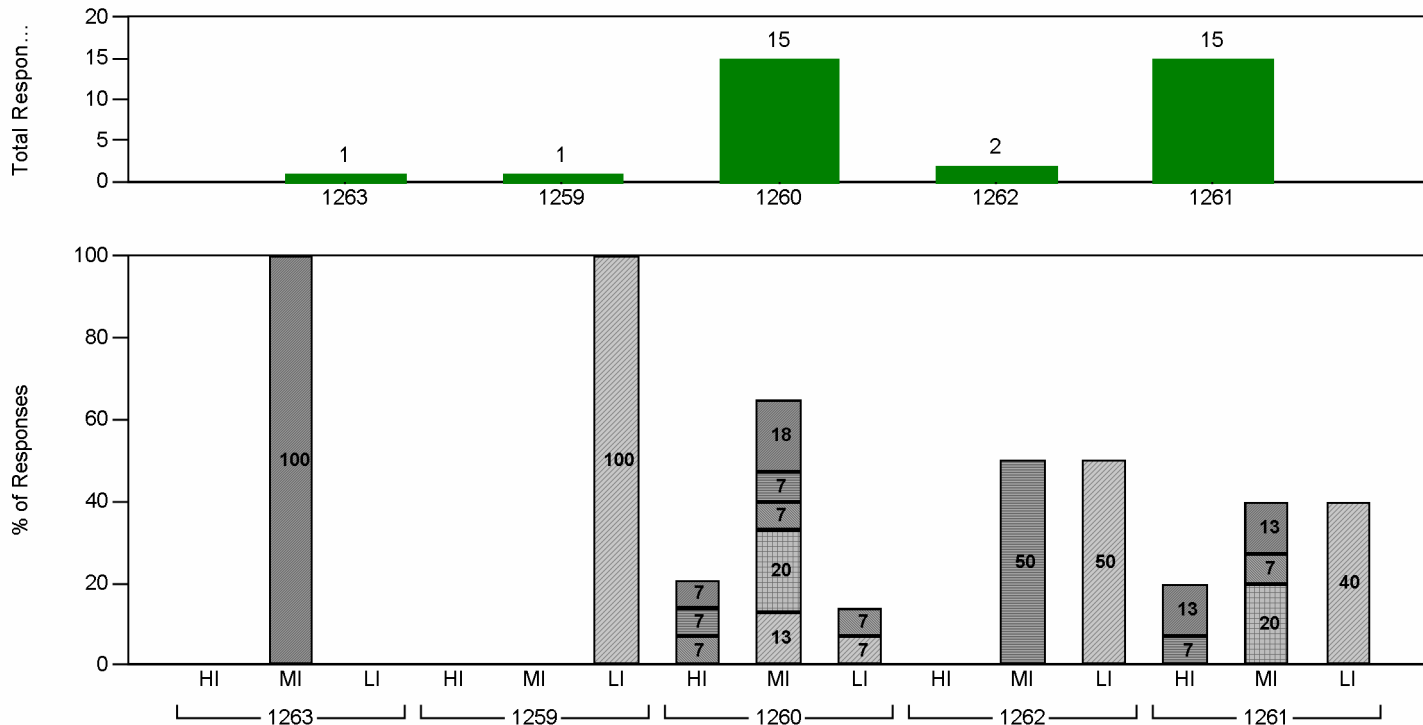
5. Interconnection issues

5.1. How many time bands are used for charging purposes?

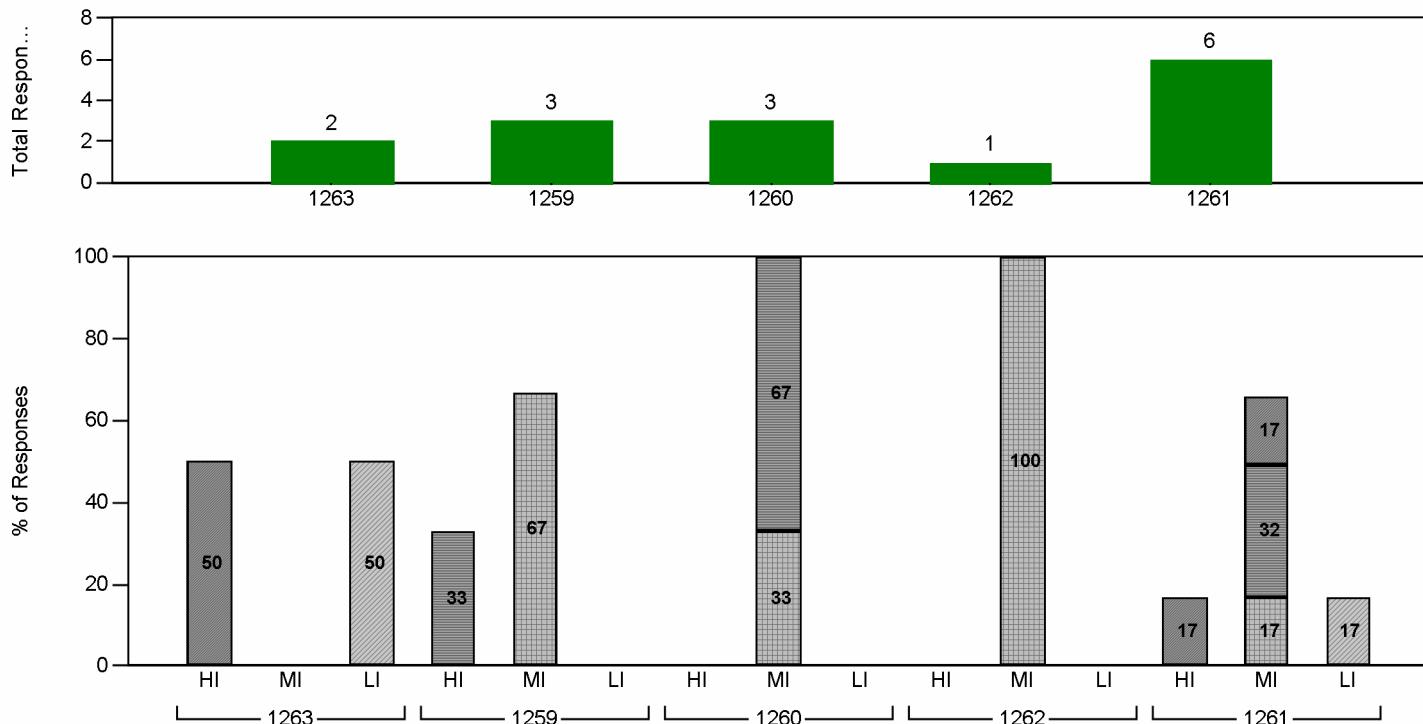
Only one answer possible:

- 1260 One
- 1261 Two
- 1262 Three
- 1263 More than three
- 1259 None

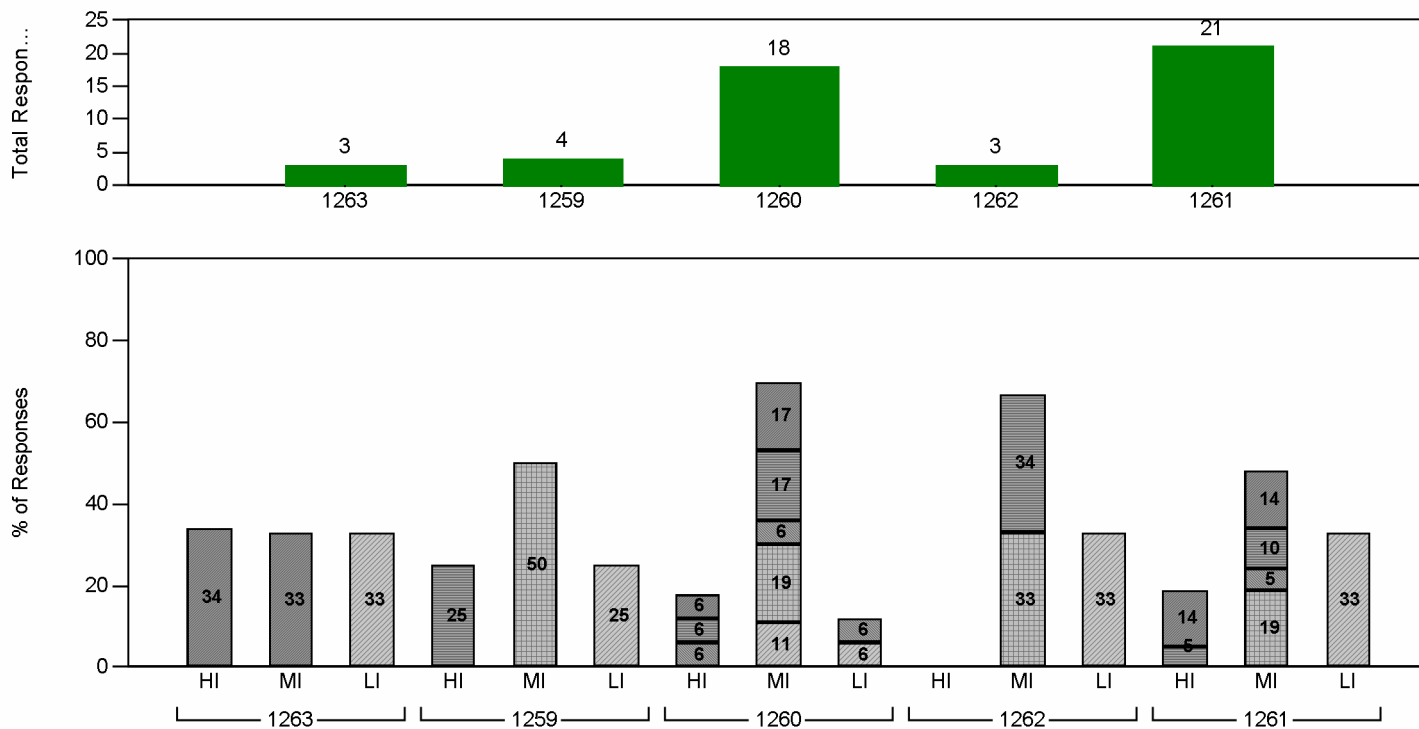
Administration Authorities



Operators



Administration Authorities and Operators

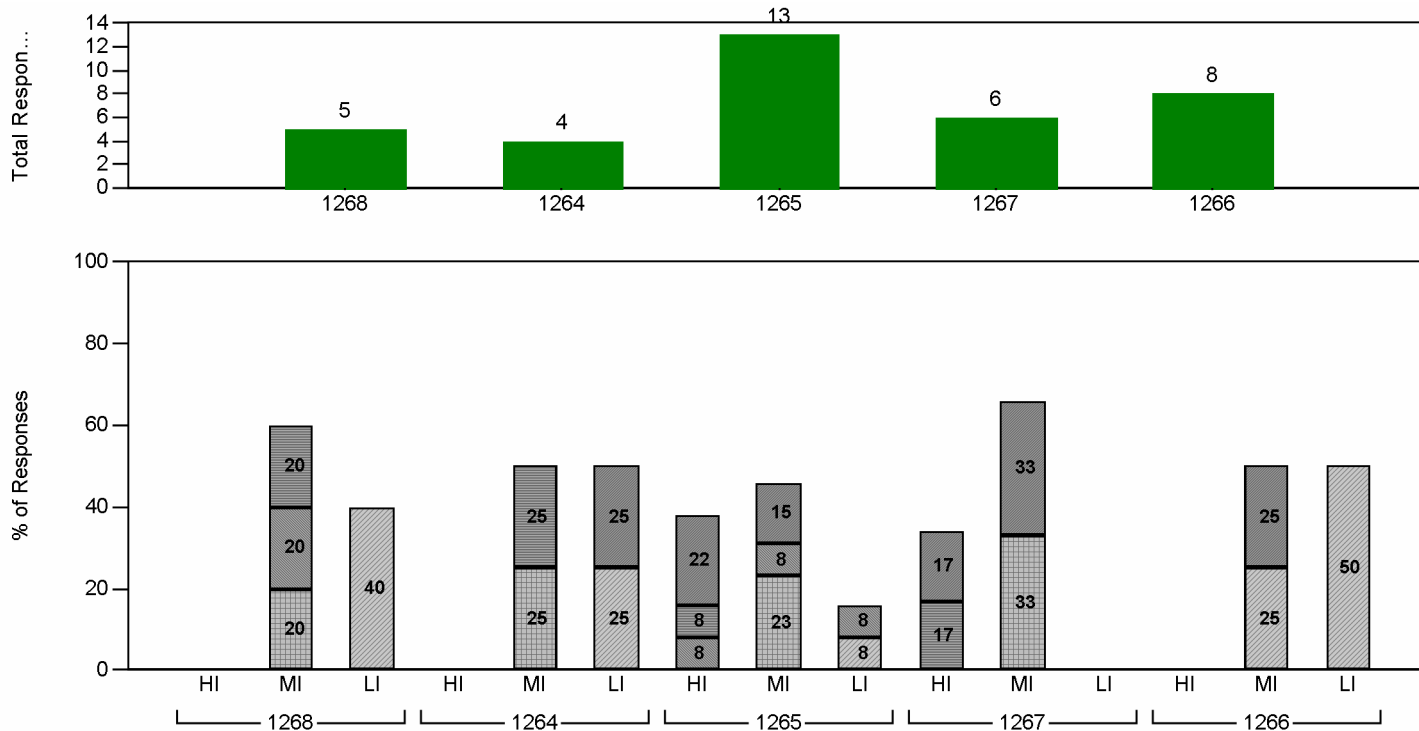


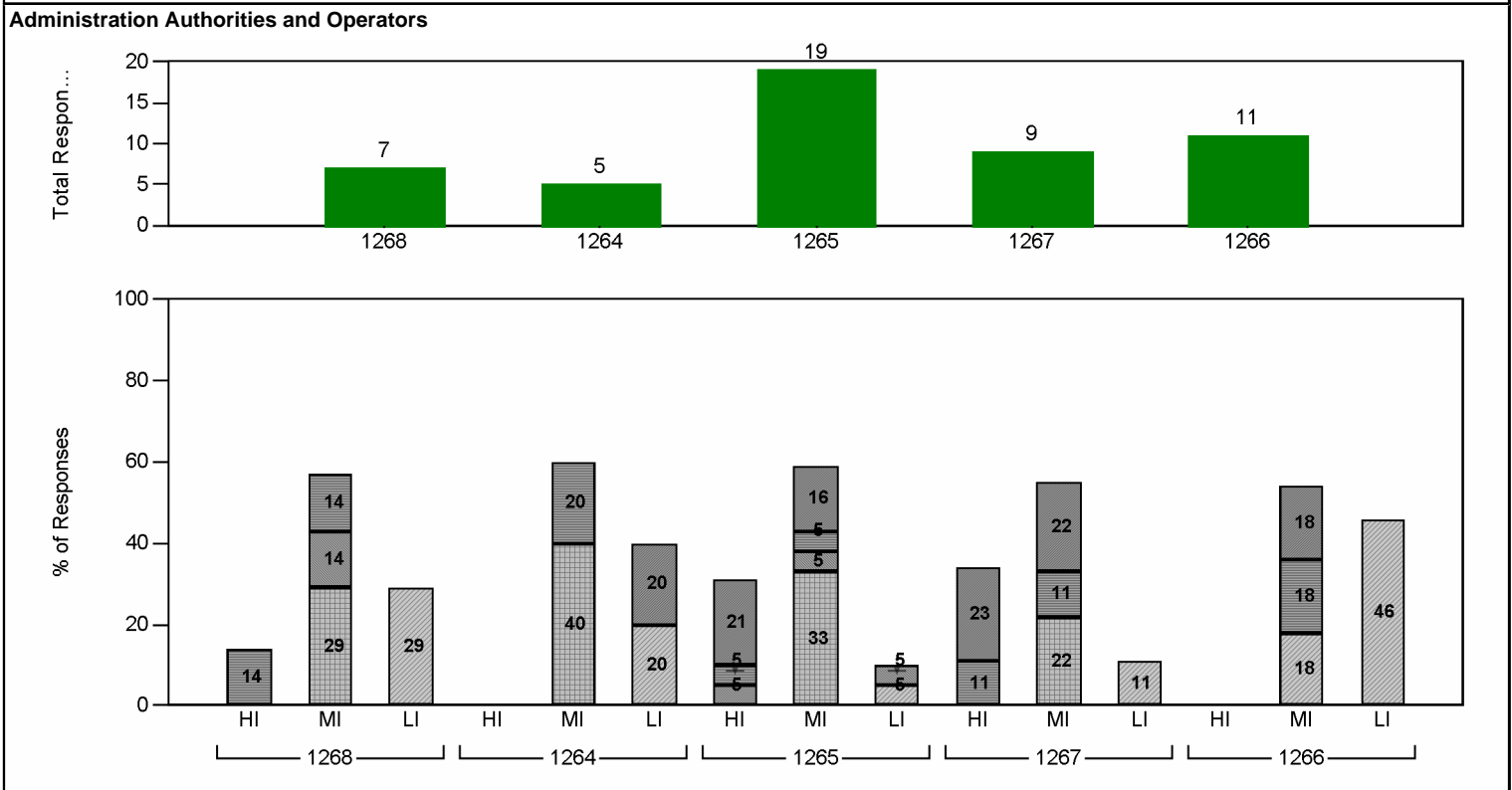
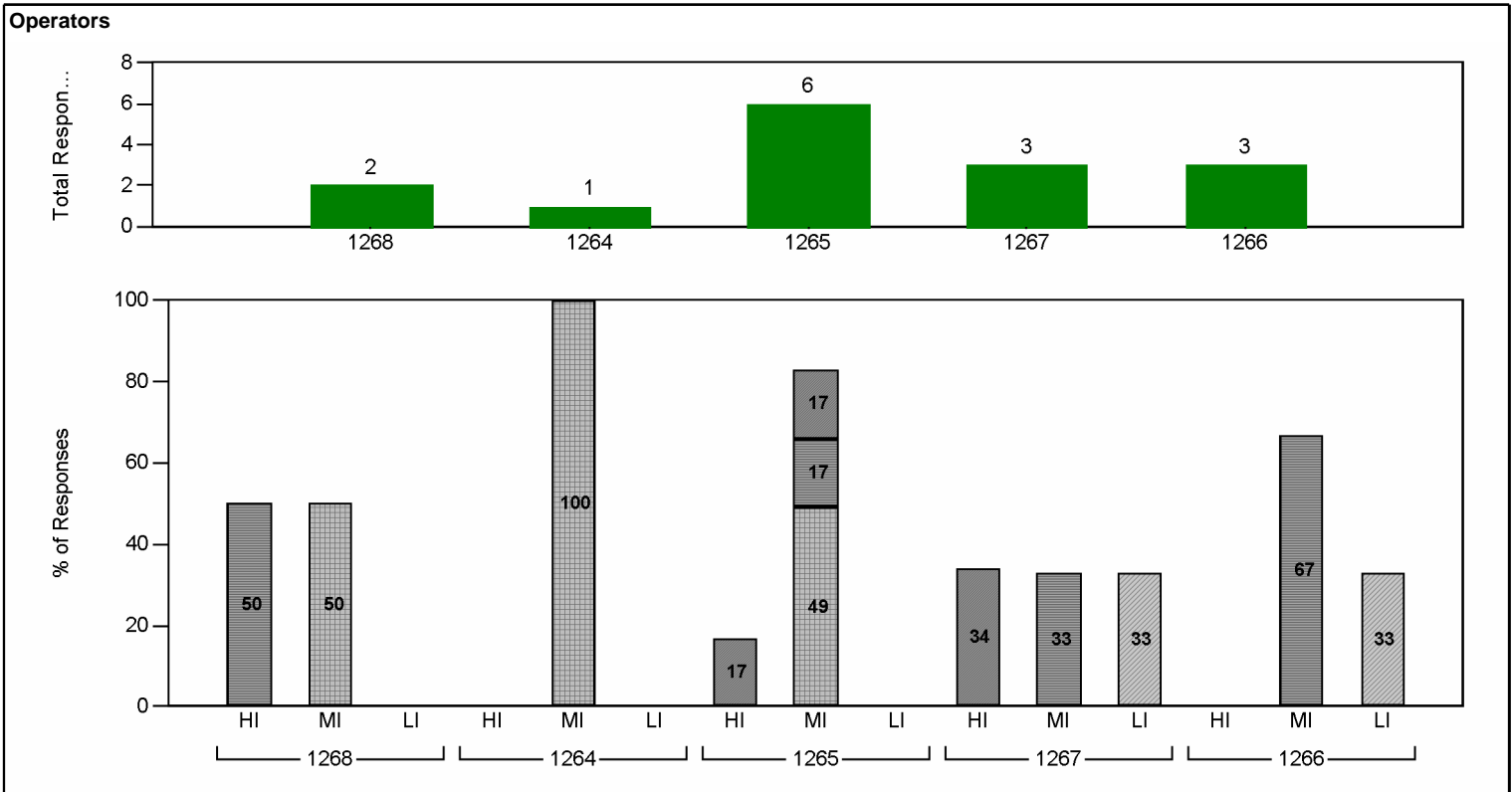
5.2. How many national tariff zones are there?

Only one answer possible:

- 1265 One
- 1266 Two
- 1267 Three
- 1268 More than three
- 1264 None

Administration Authorities



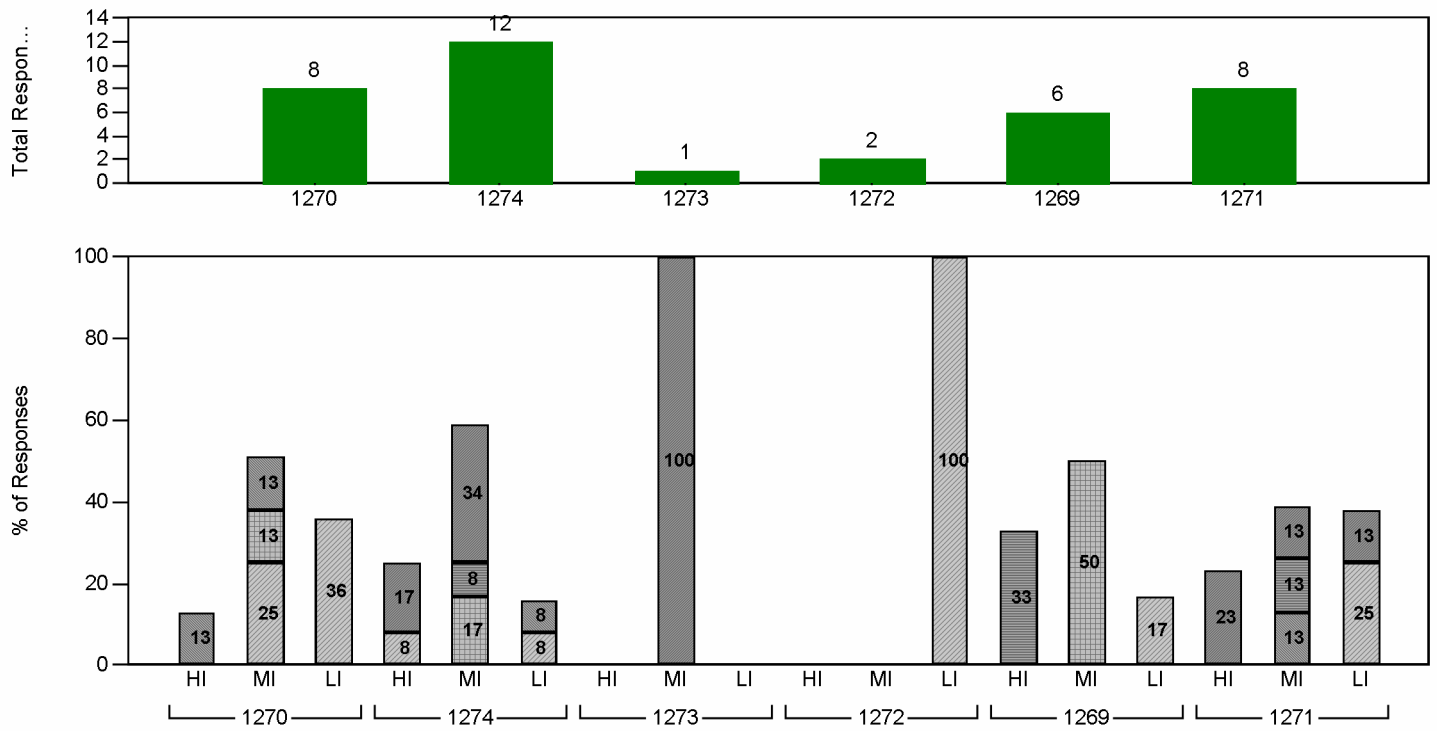


5.3. How are your interconnection charges calculated?

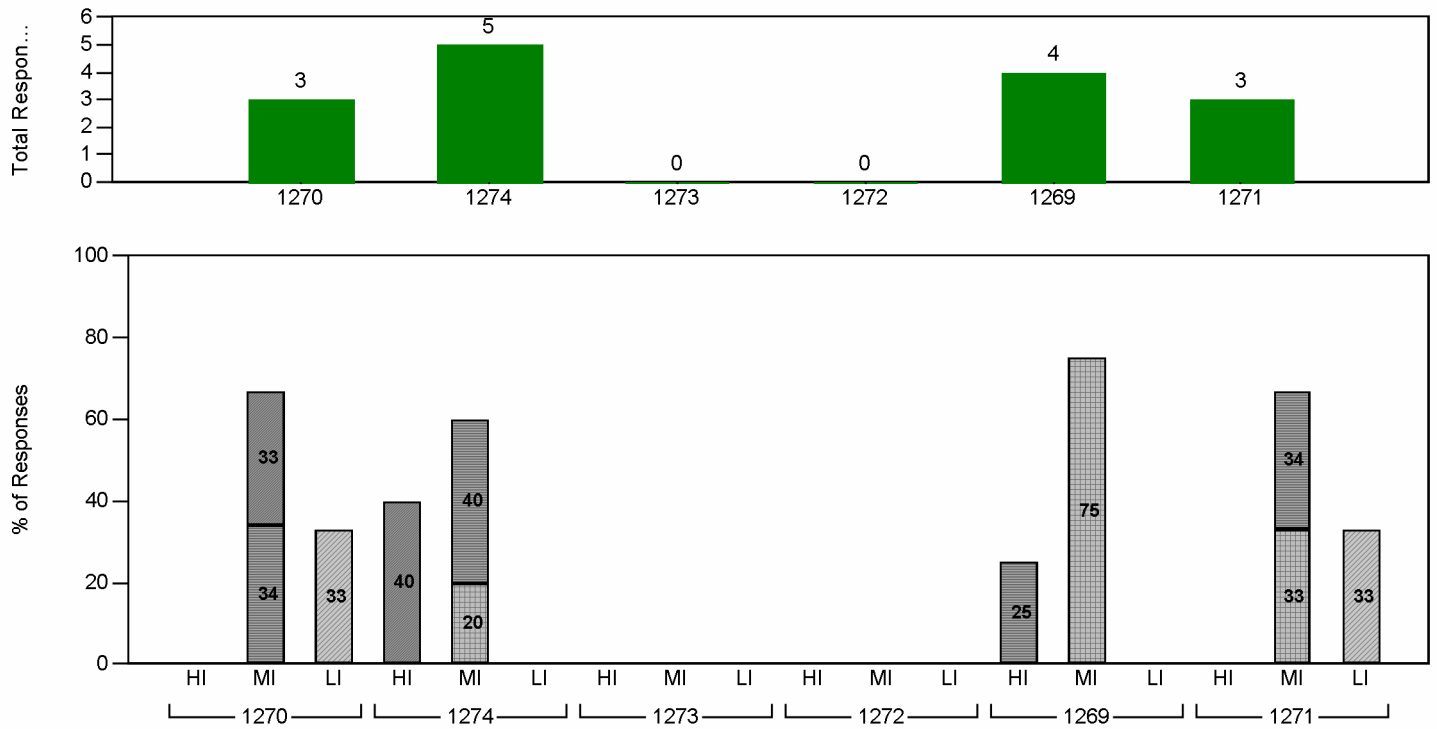
Only one answer possible:

- 1270 Common tariff model for all services
- 1271 Separate costing methodology
- 1272 National tariff benchmarks
- 1273 International tariff benchmarks
- 1274 Imposed by the regulatory authority
- 1269 Other , please specify

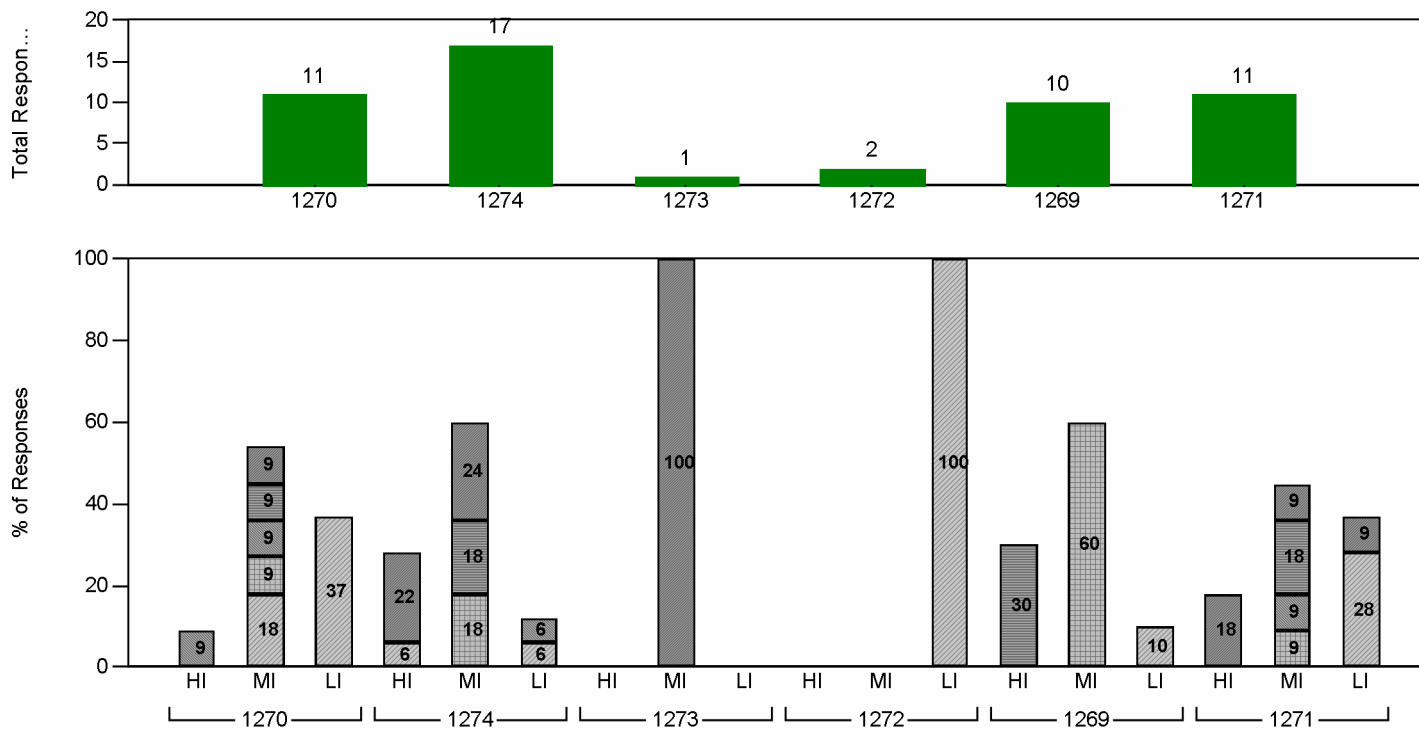
Administration Authorities



Operators



Administration Authorities and Operators

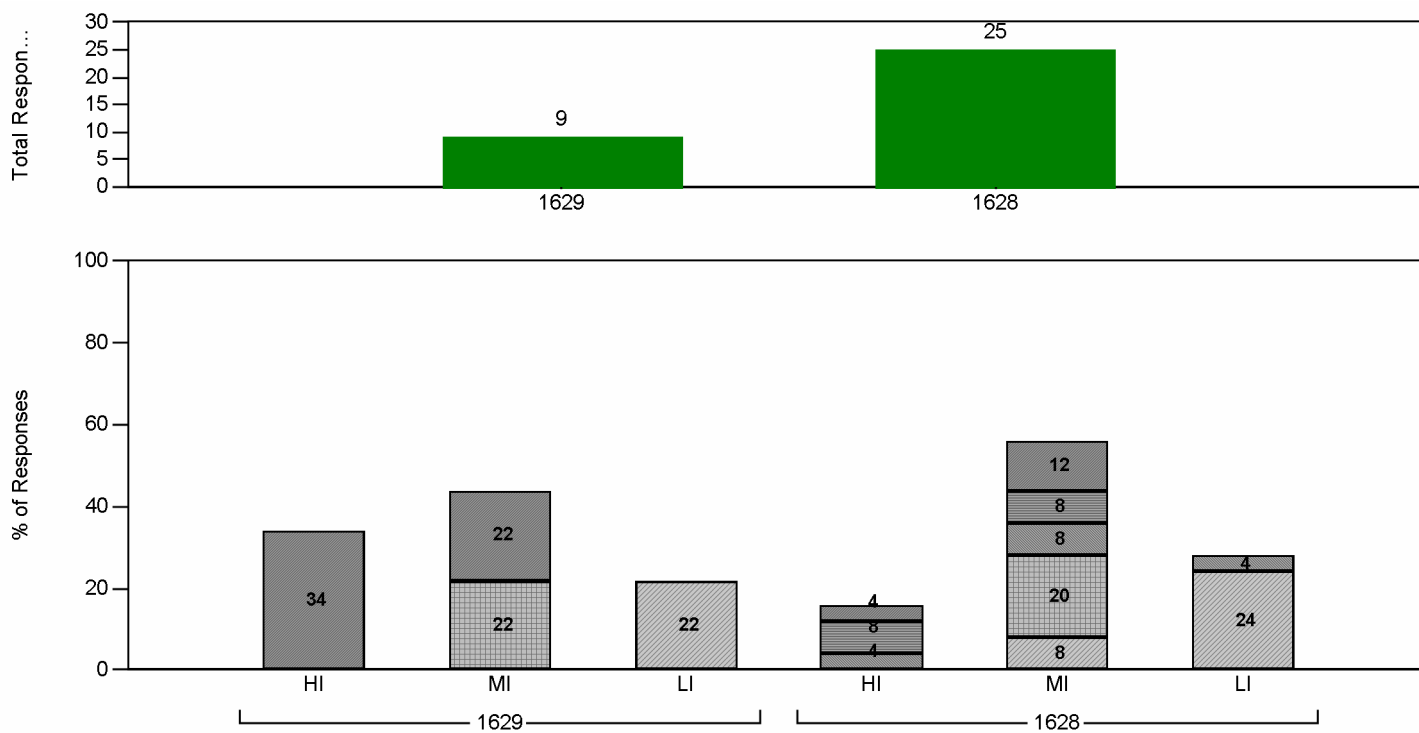


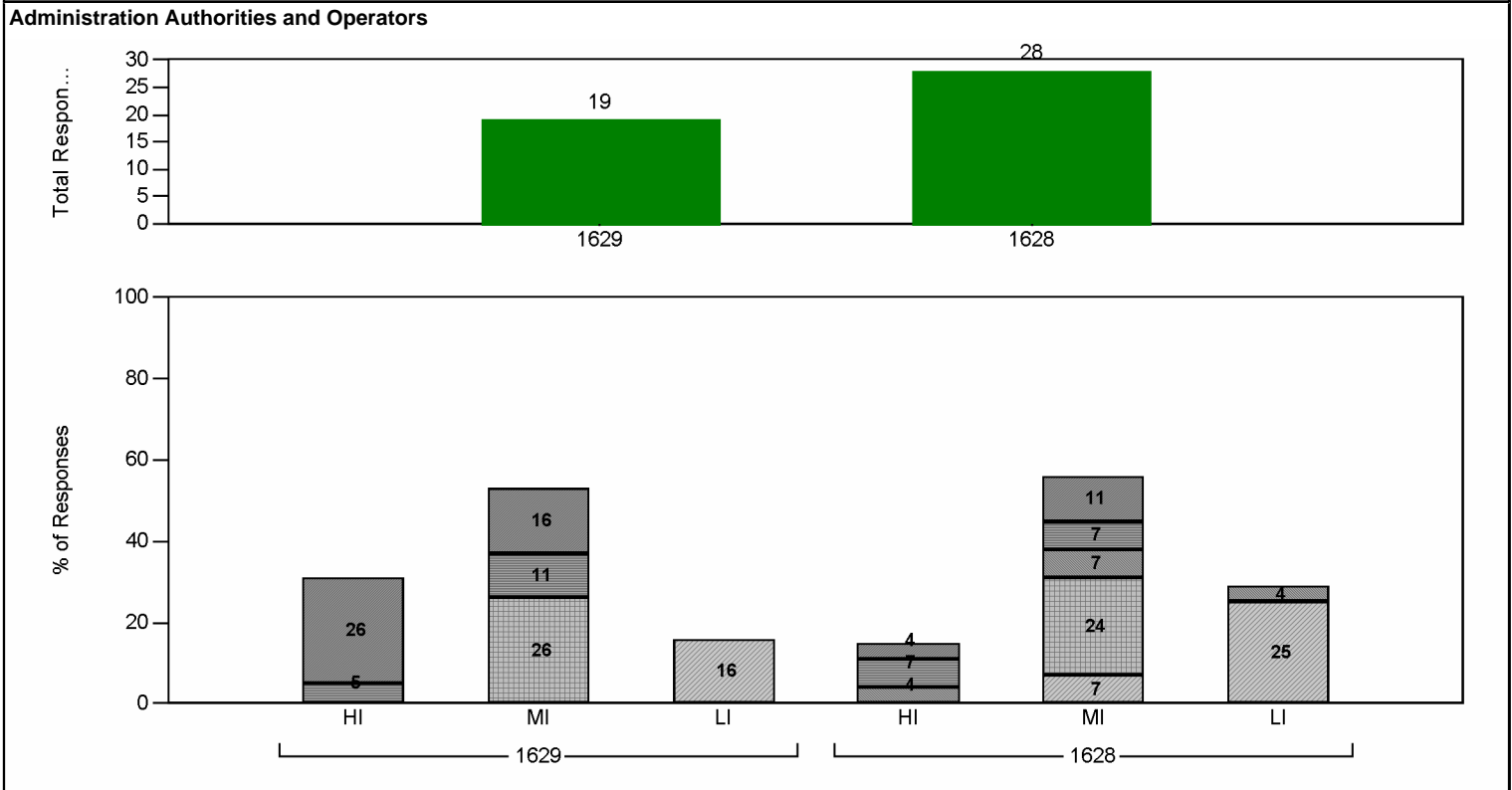
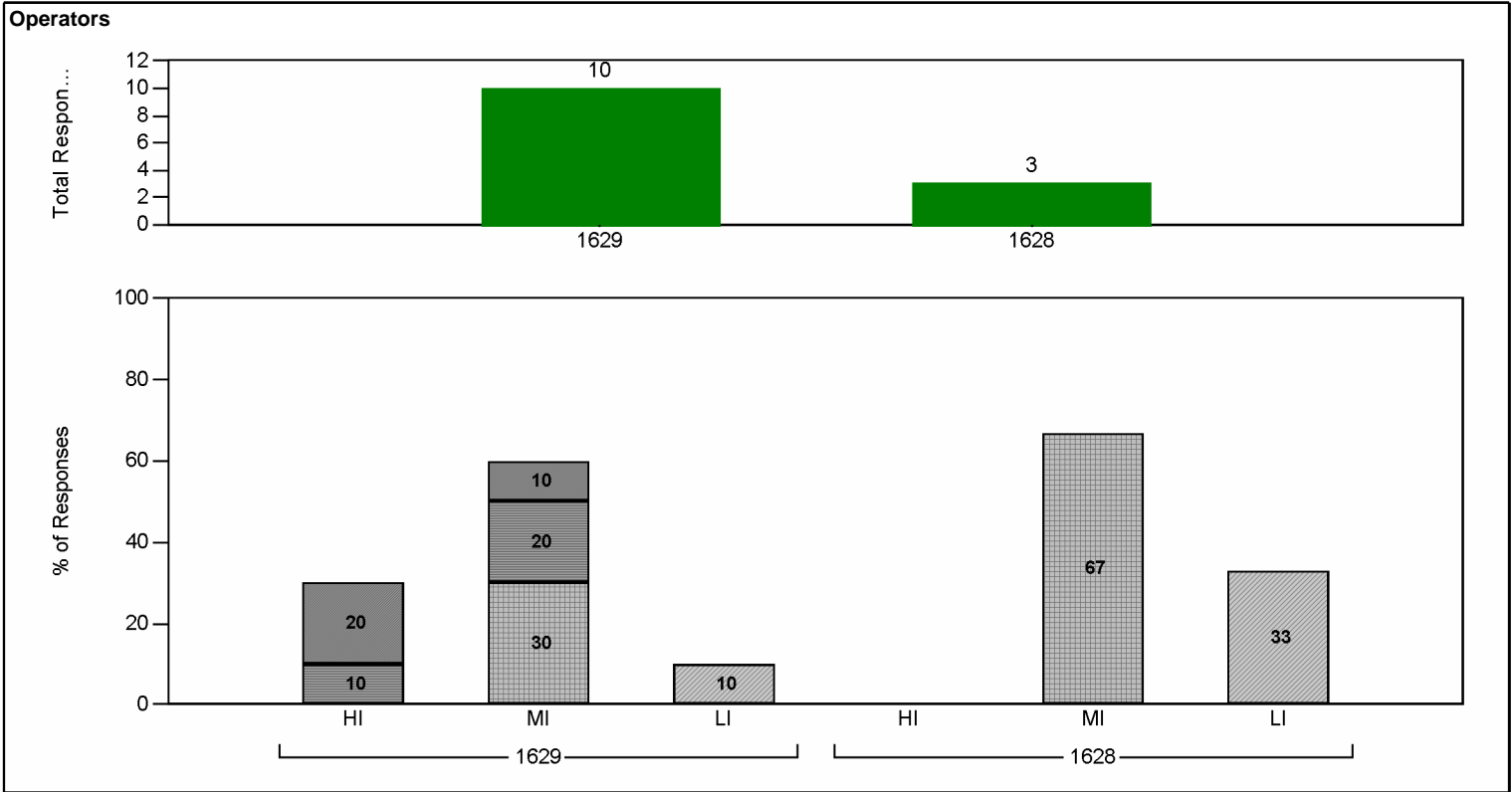
5.4. Which interconnection charging policy has been adopted by your country?

Only one answer possible:

- 1628 Symmetric
- 1629 Asymmetric

Administration Authorities





5.4.1. If asymmetric, on what basis is asymmetry decided? E.g. number of subscribers, size of revenues, etc.

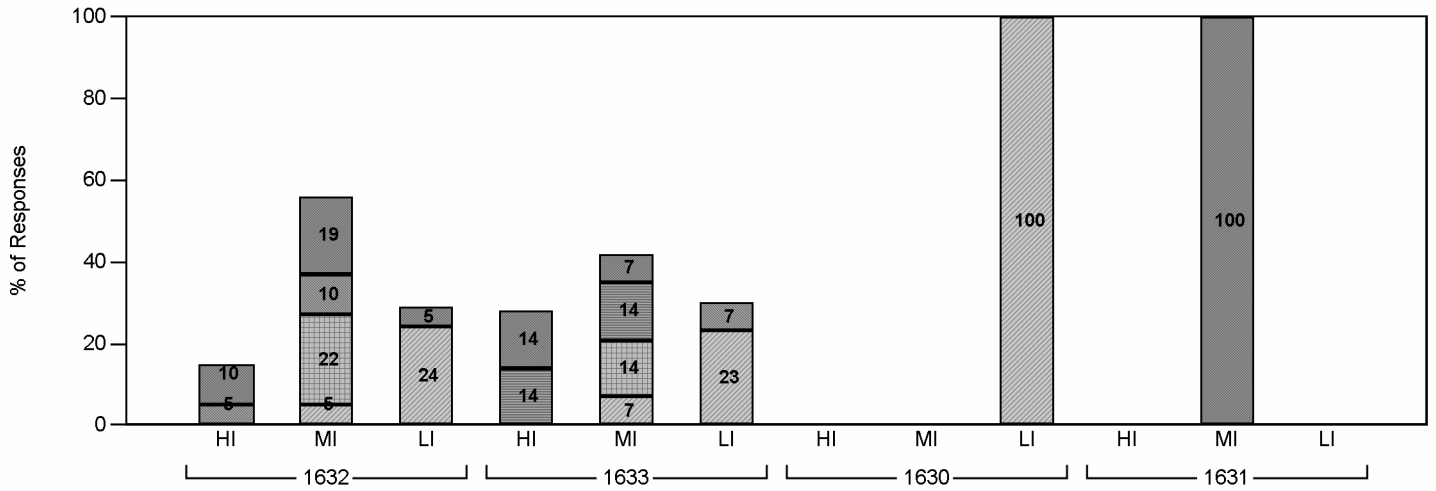
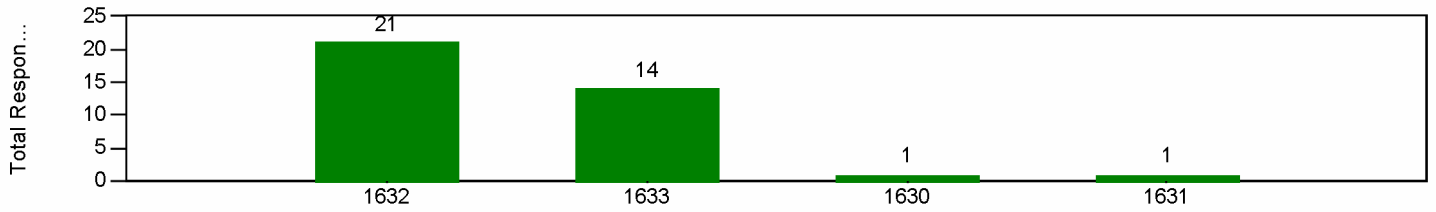
The answers to this question are text based.

5.5. How often are the interconnection charges reviewed?

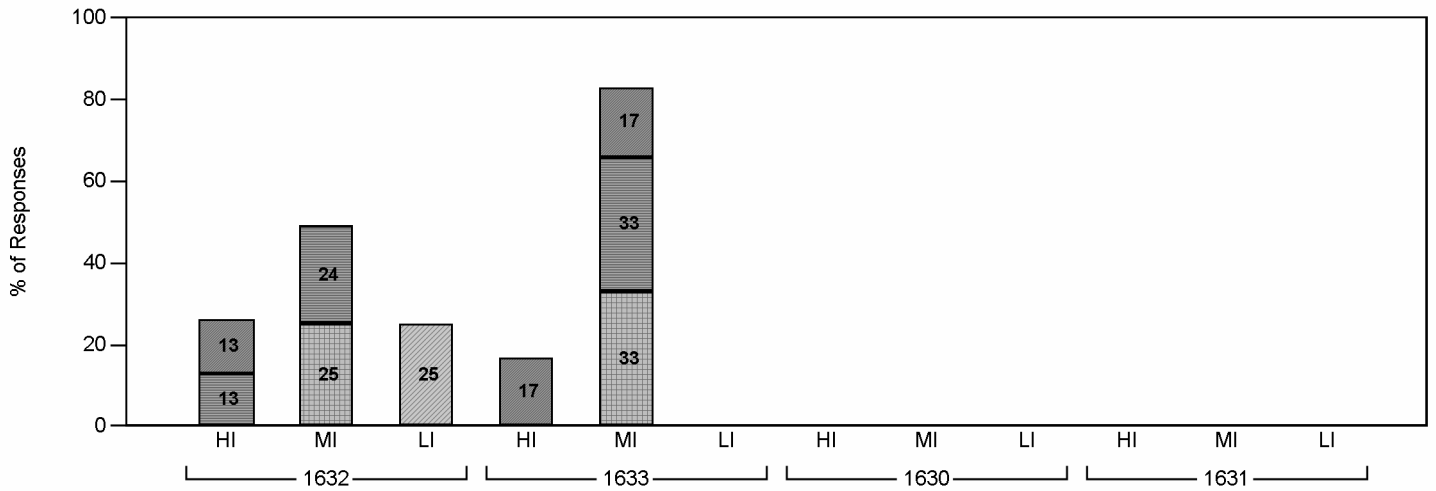
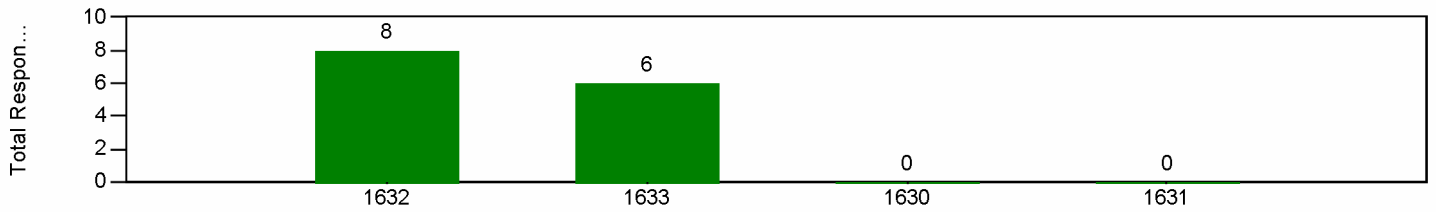
Only one answer possible:

- 1630 Quarterly
- 1631 Semi-annually
- 1632 Annually
- 1633 Less frequent, please specify

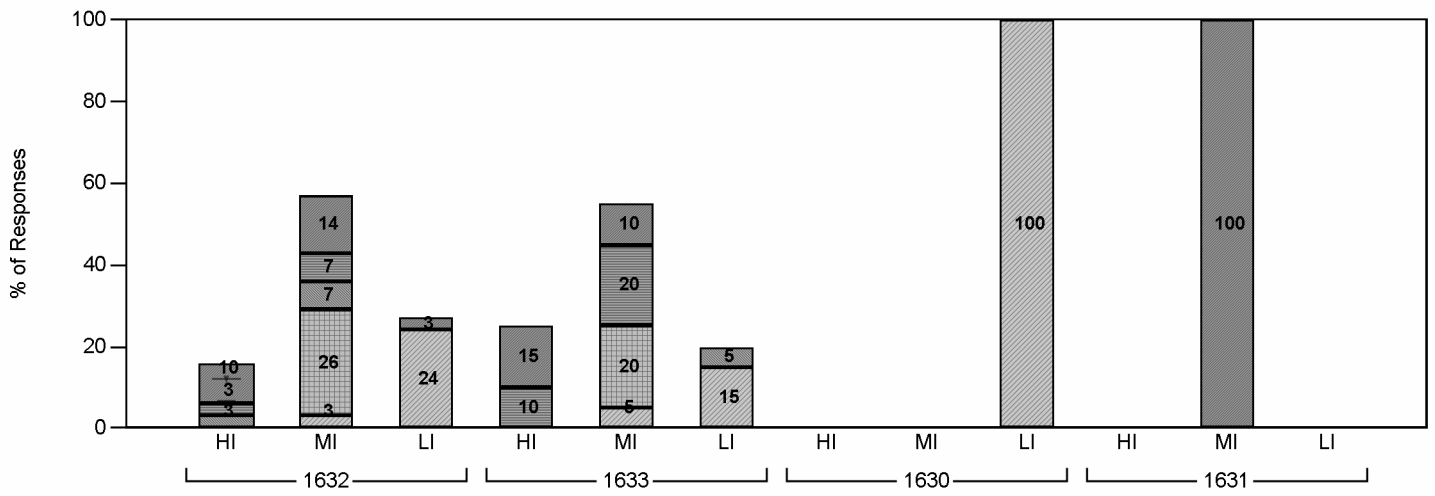
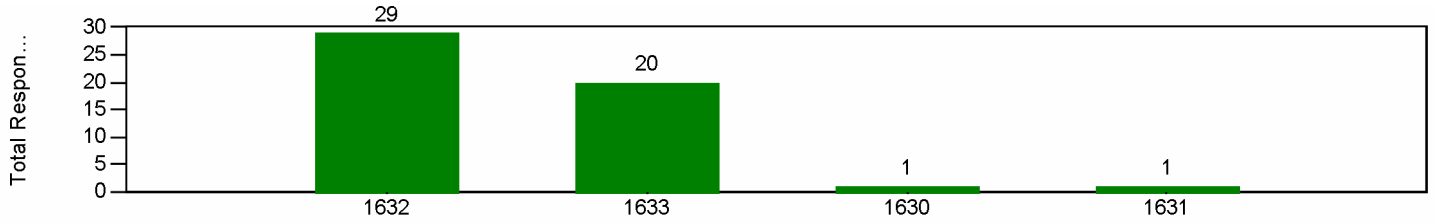
Administration Authorities



Operators



Administration Authorities and Operators



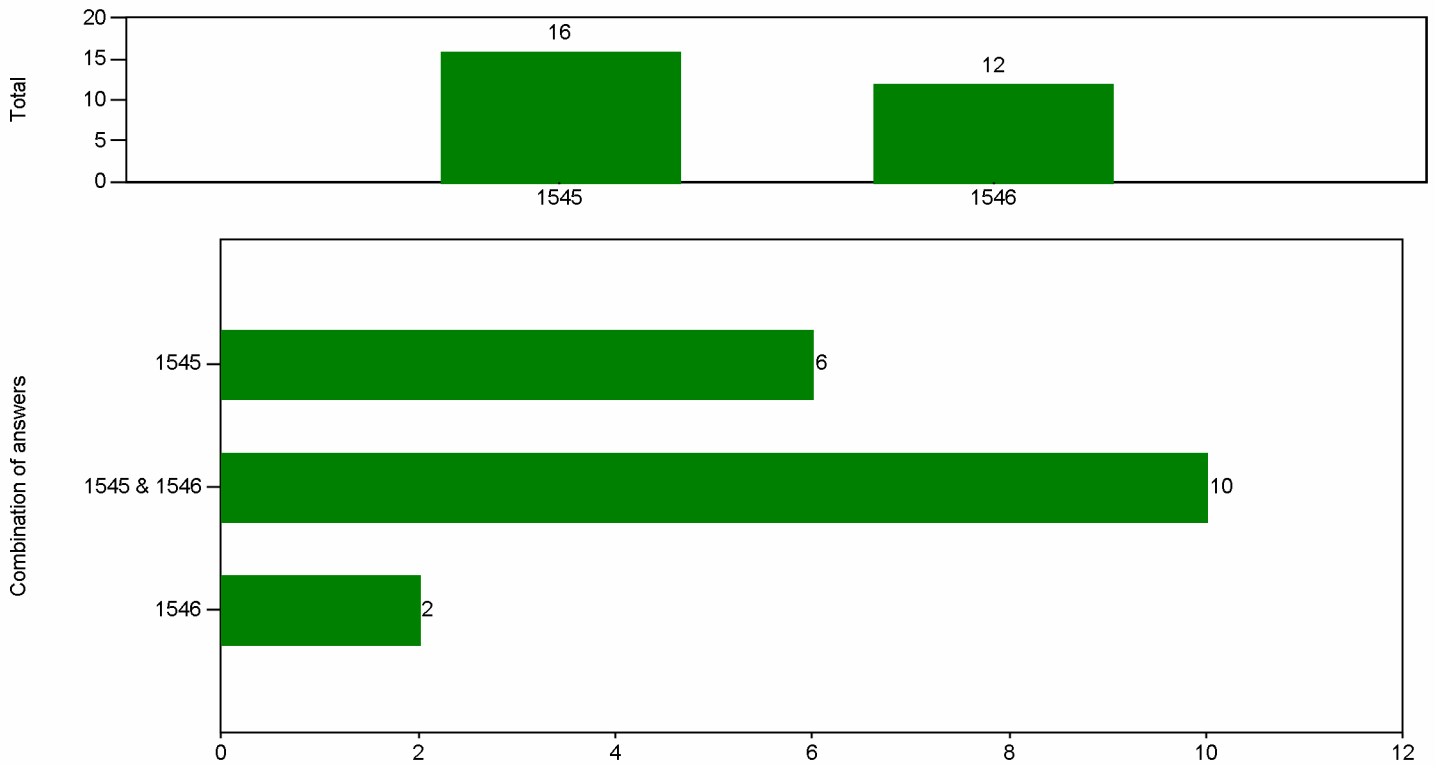
6. Networks based on IP

6.1. Have you already defined the financial aspects of the telecommunication services on offer using networks based on Internet Protocol (IP)?

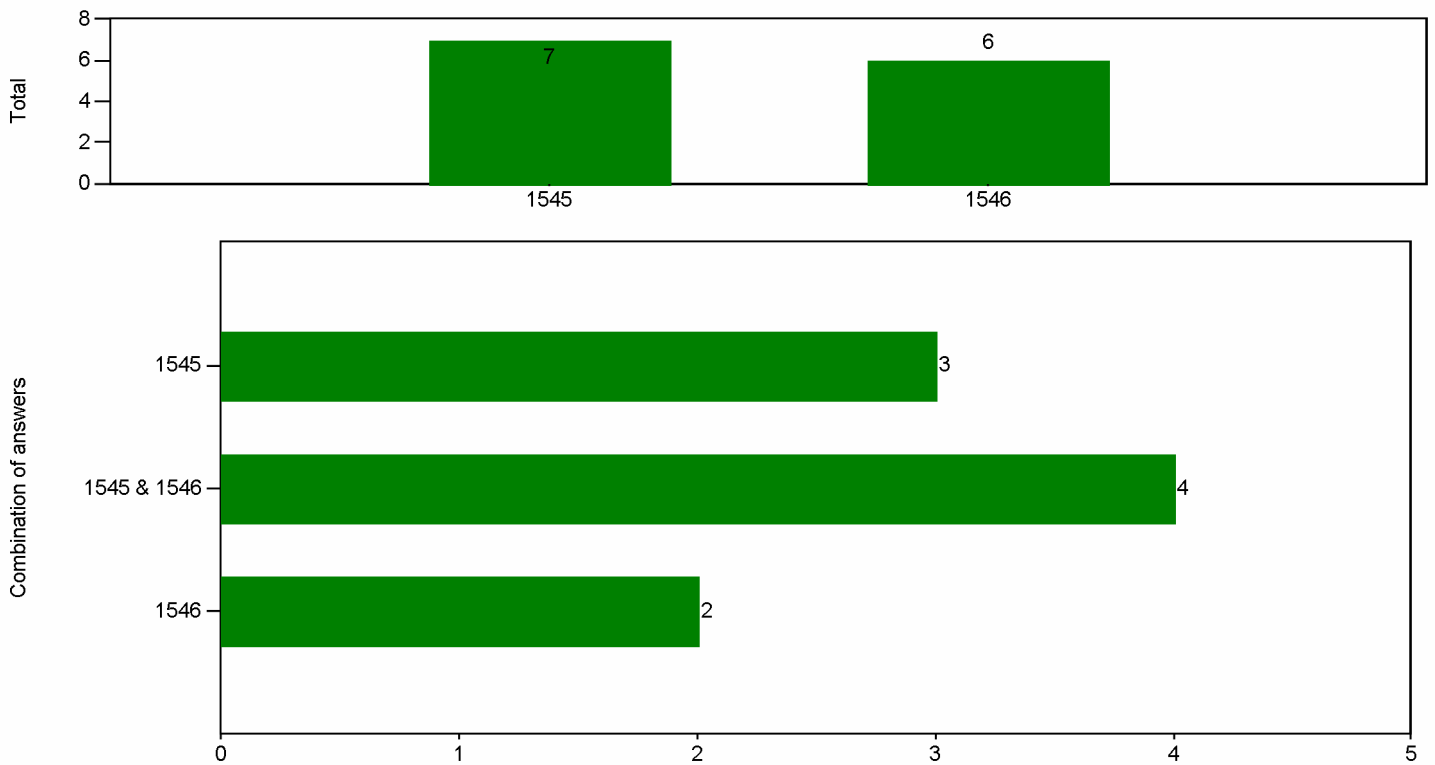
Multiple answers possible:

- 1545 Data Service
- 1546 Voice Service

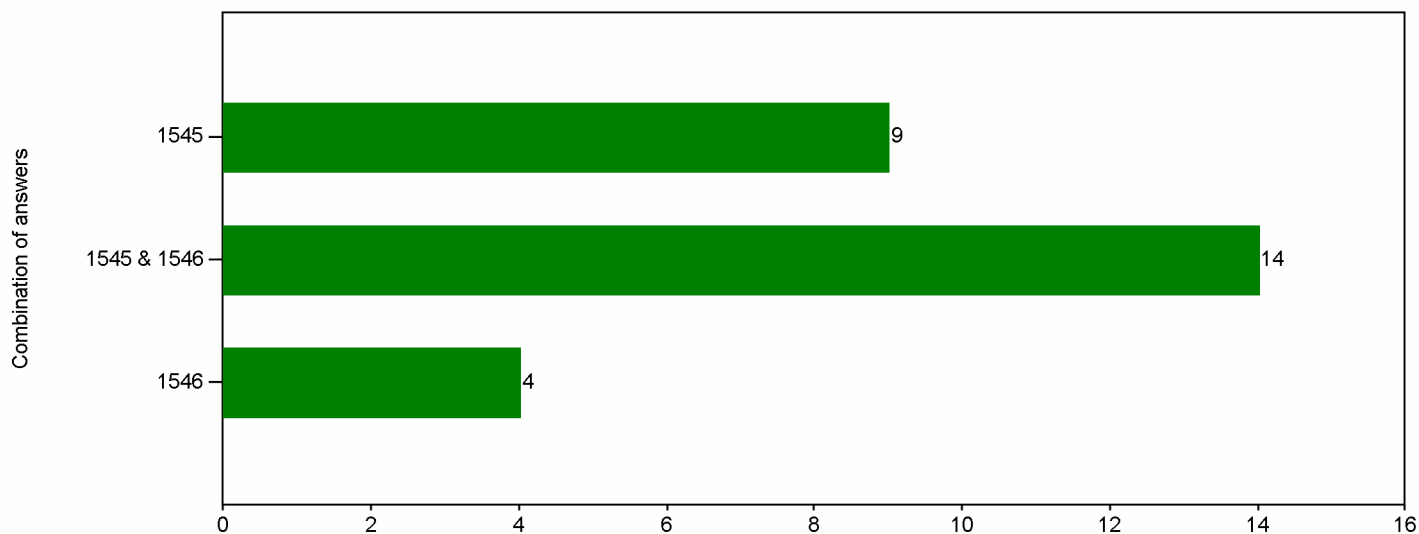
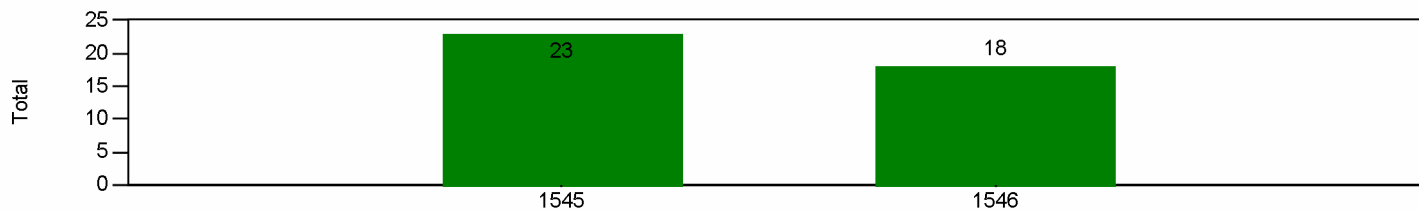
Administration Authorities



Operators



Administration Authorities and Operators

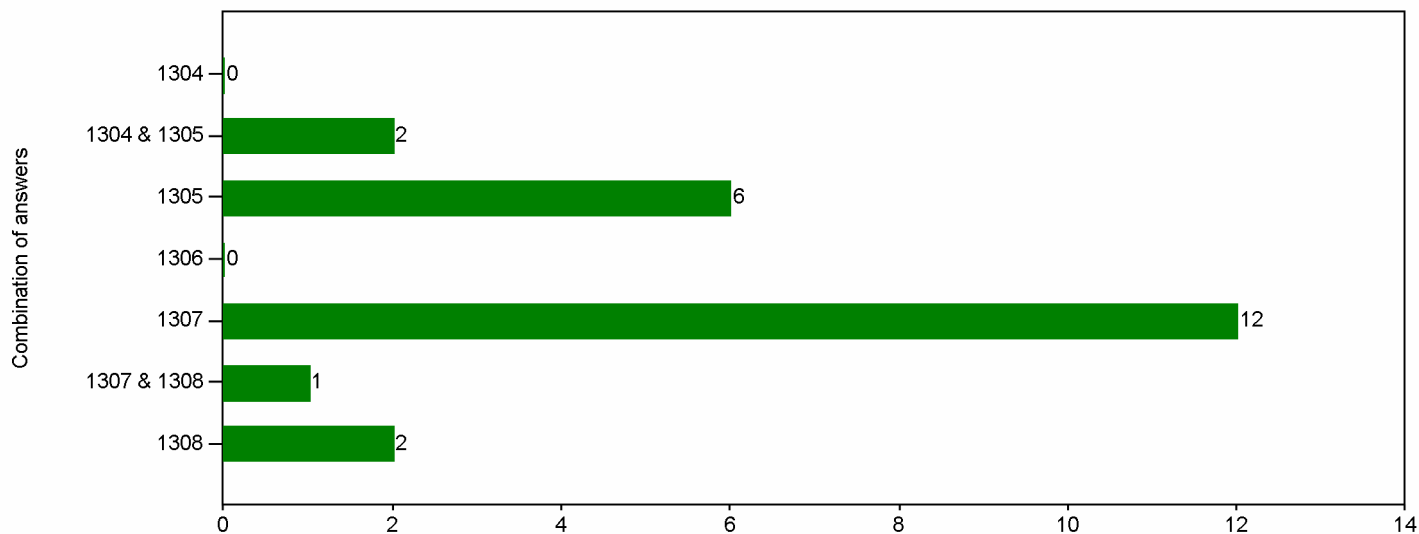
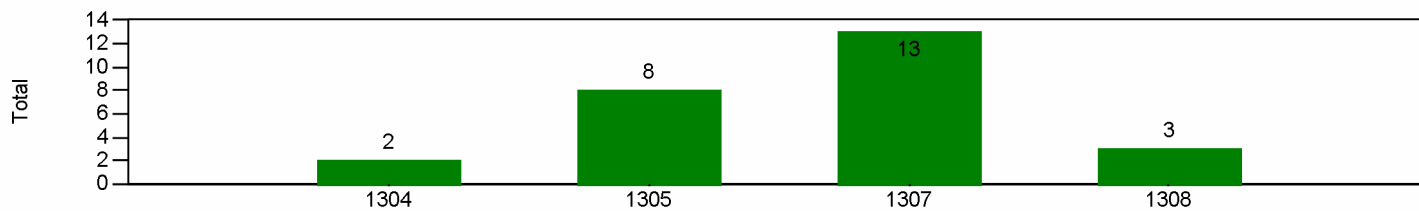


6.2. Please indicate which regulatory arrangements are respected with the use of networks based on IP.

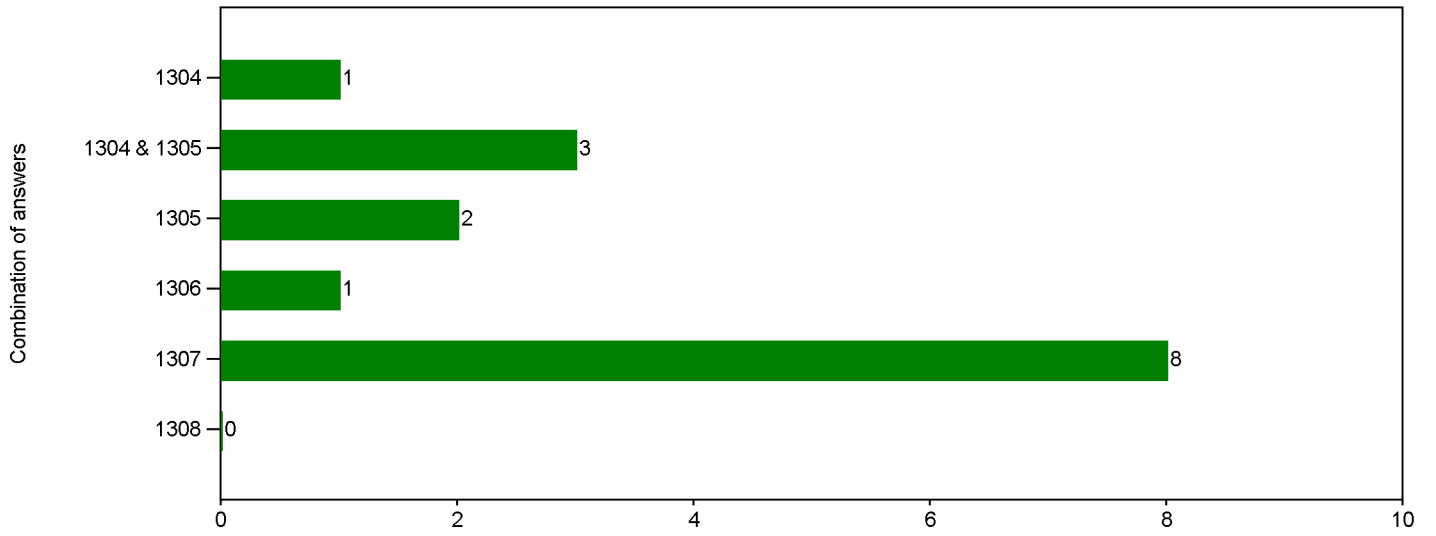
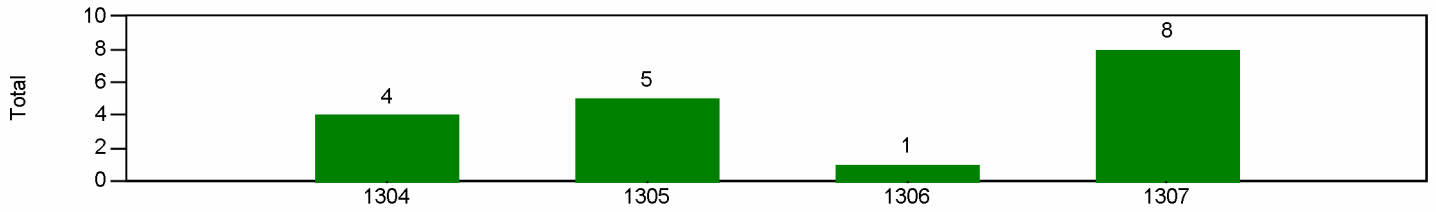
Multiple answers possible:

- 1304 Regulatory arrangements subject to universal service obligations
- 1305 Regulatory interconnection arrangements with networks using switching circuits
- 1306 Banning of services based on IP
- 1307 No regulatory arrangements defined at present
- 1308 Other Other, please specify

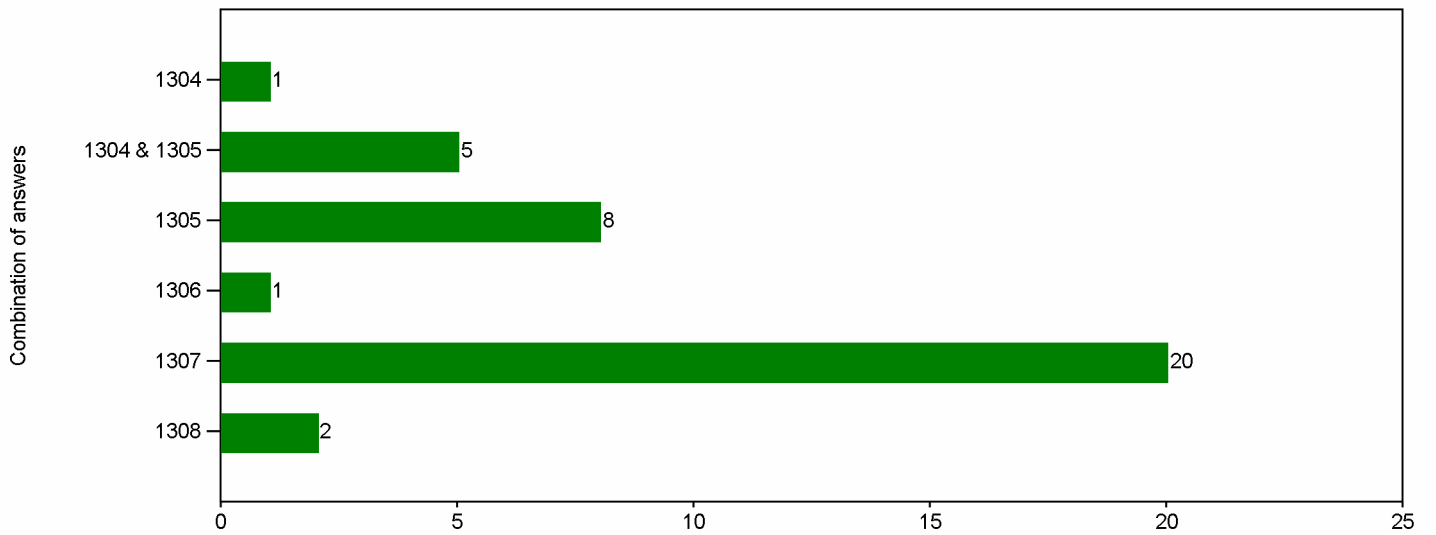
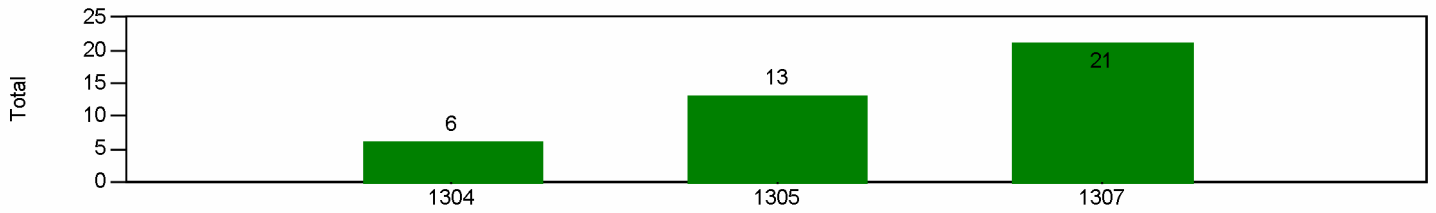
Administration Authorities - Voice Service



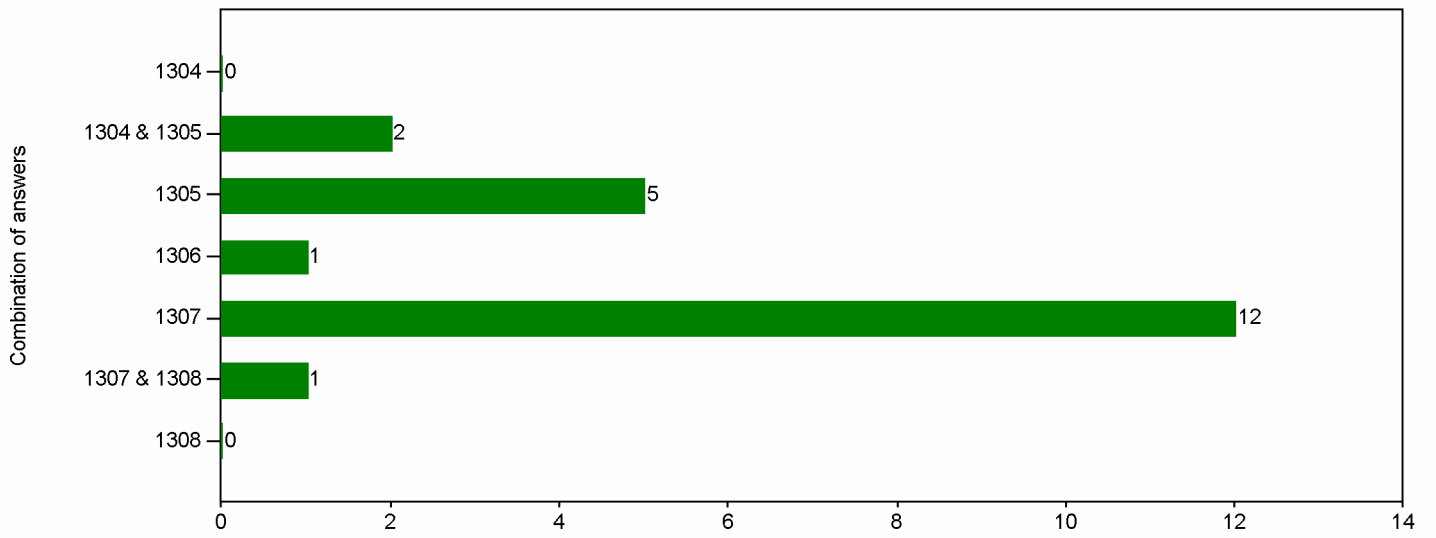
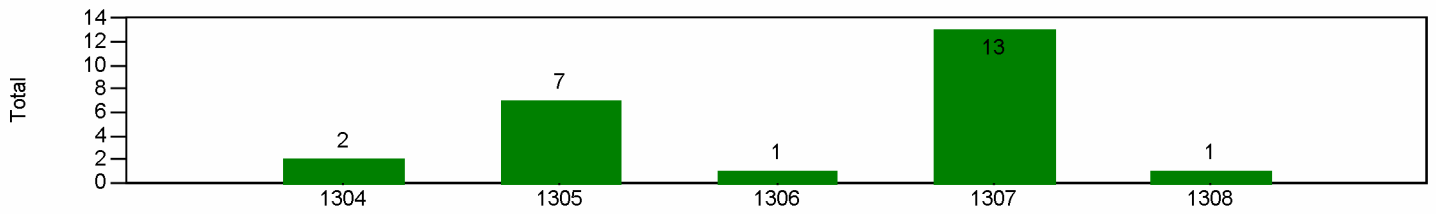
Operators - Voice services



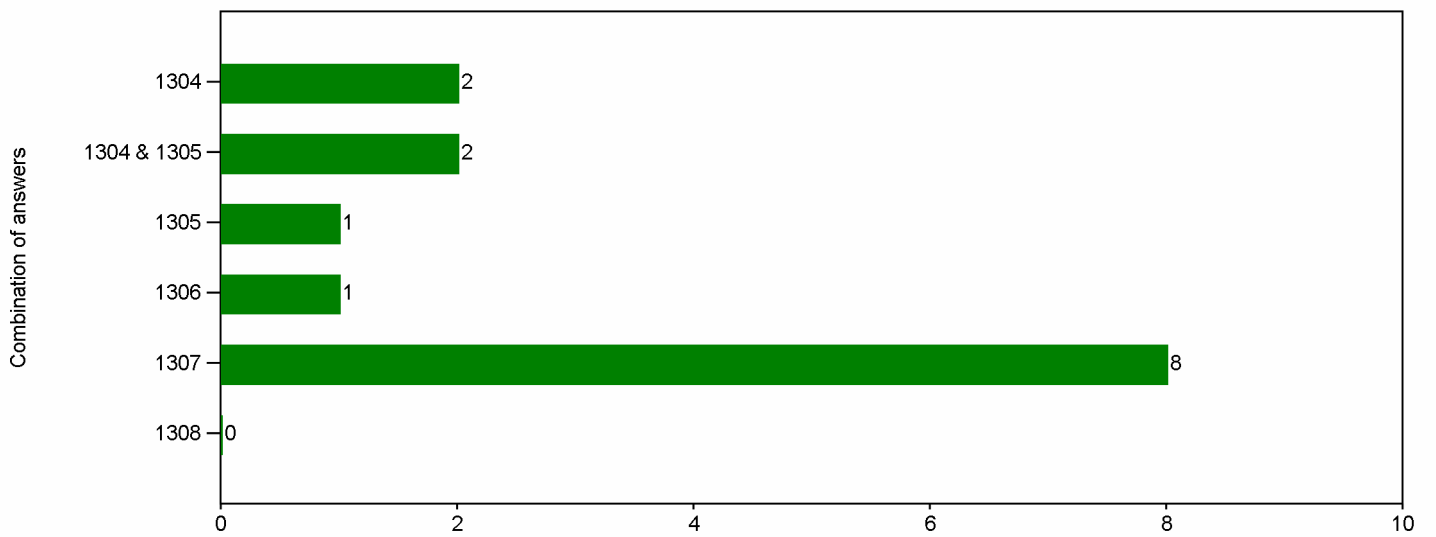
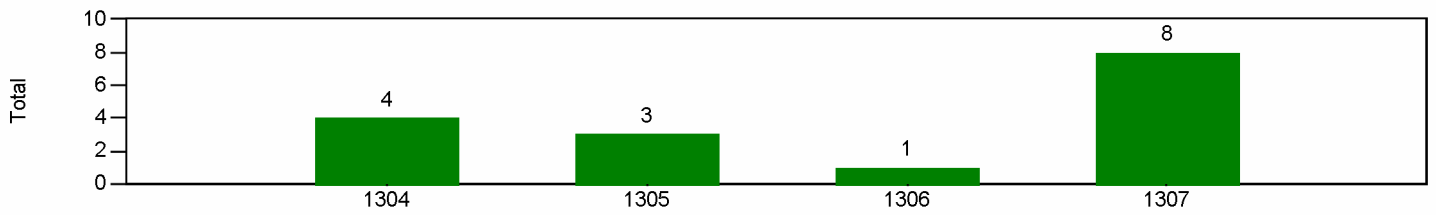
Administration Authorities and Operators - Voice services



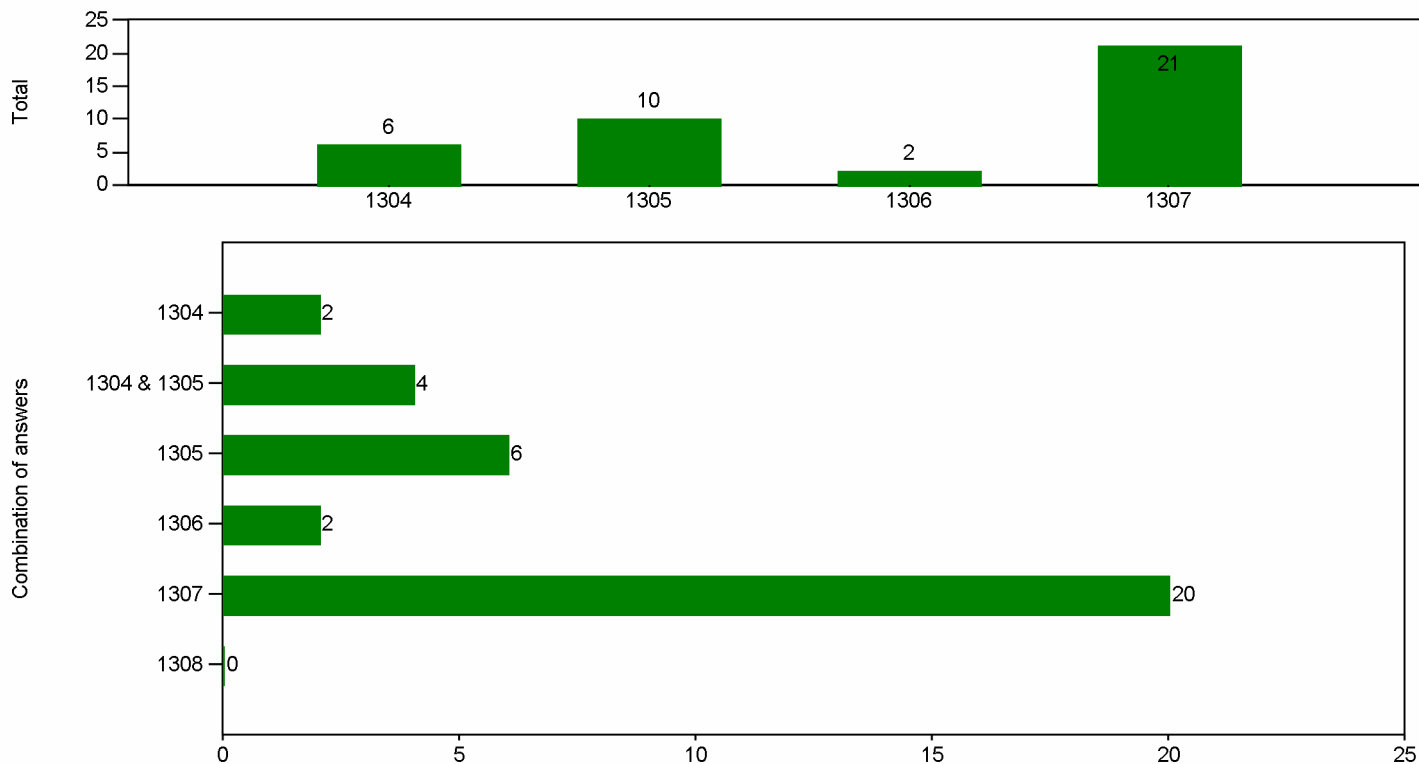
Administration Authorities - Data Service



Operators - Data services



Administration Authorities and Operators - Data services

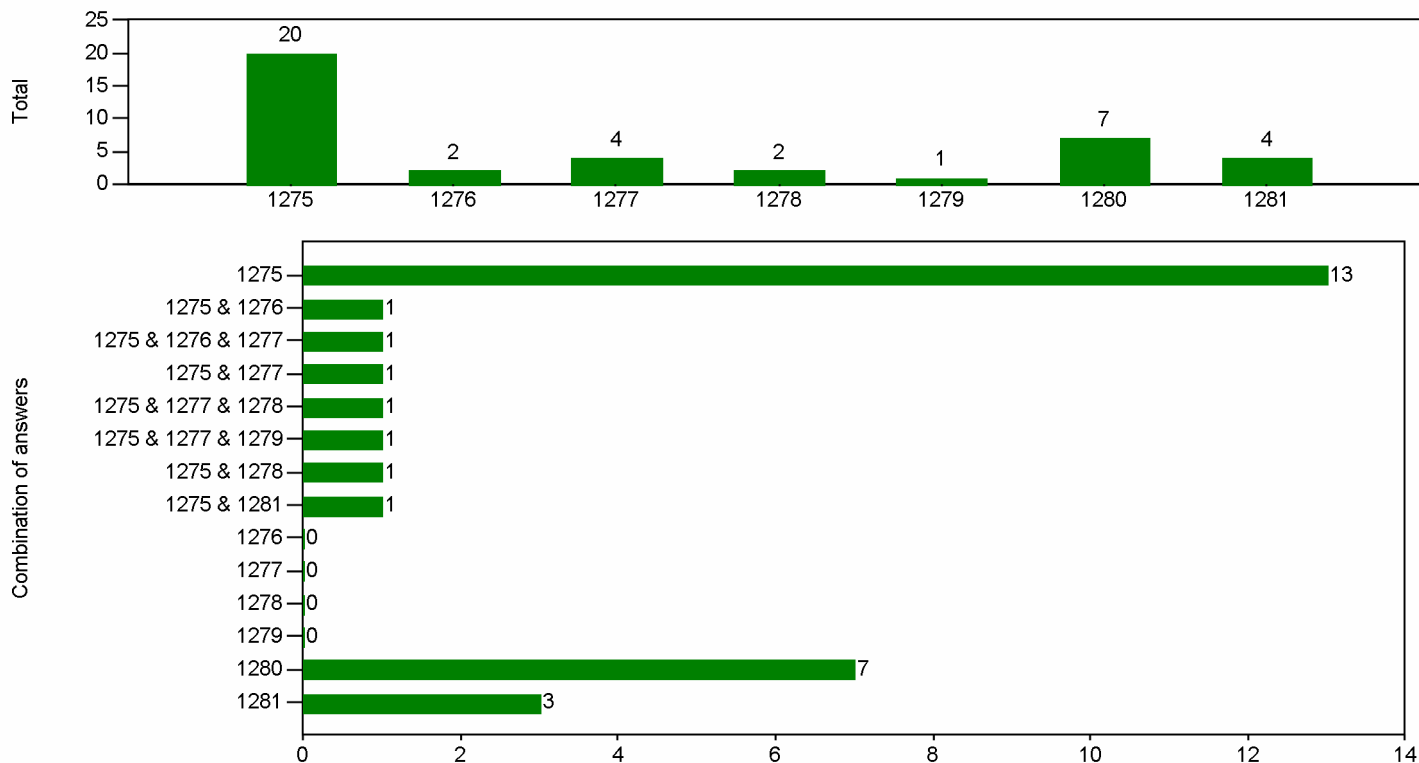


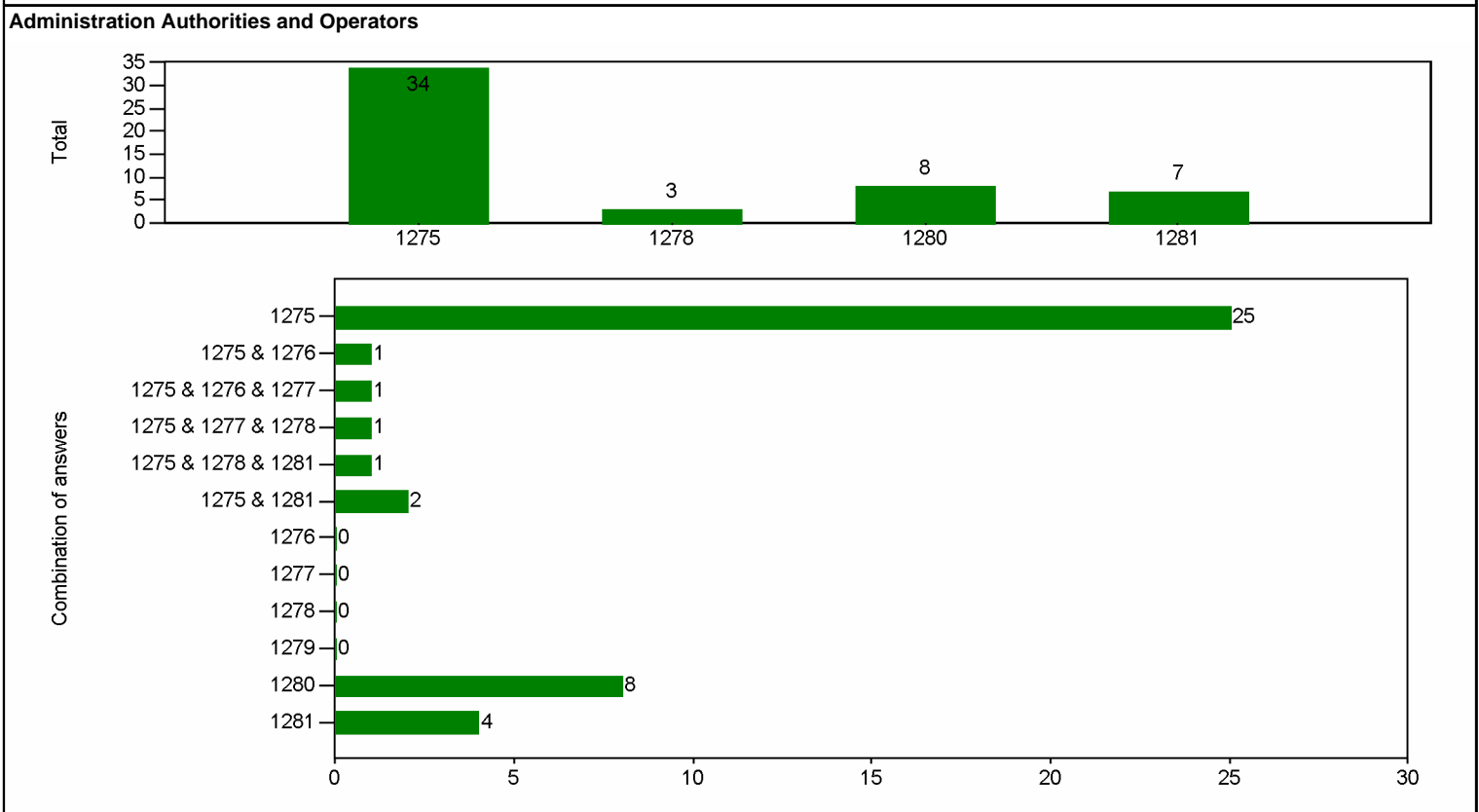
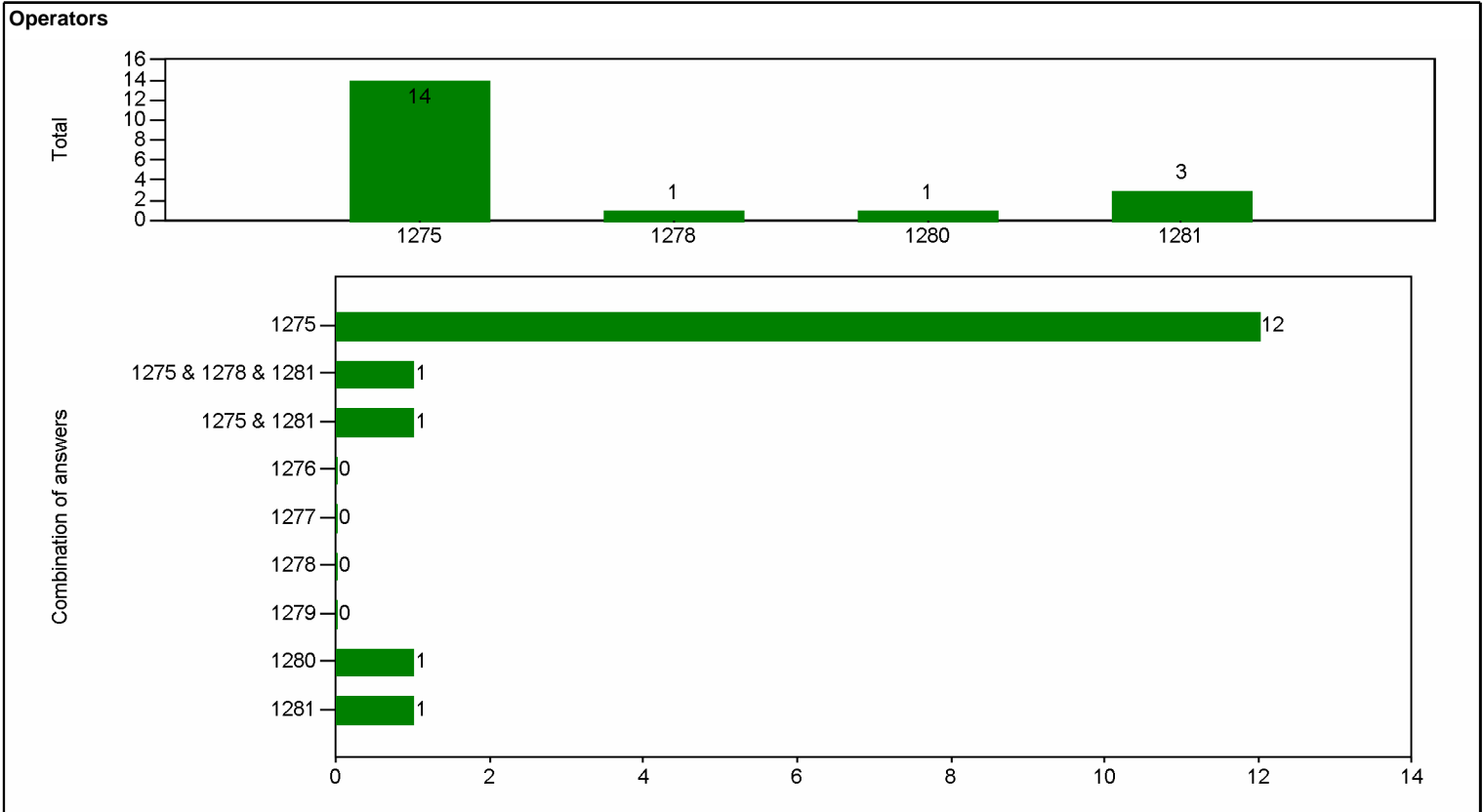
6.3. What sources of finance do you envisage for putting IP networks into place?

Multiple answers possible:

- 1275 Operator's funds
- 1276 State subsidization
- 1277 Joint venture (private sector and public sector)
- 1278 Financed by a financial institution or private bank
- 1279 Special telecommunication development fund
- 1280 Not yet defined
- 1281 Other , please specify

Administration Authorities



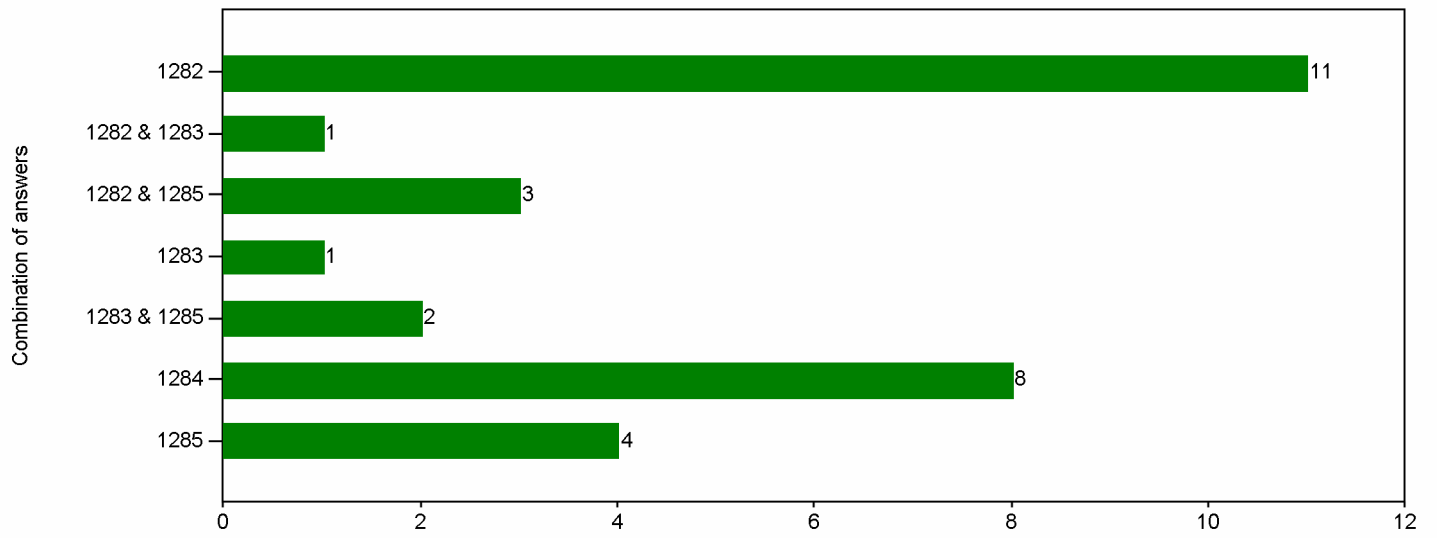
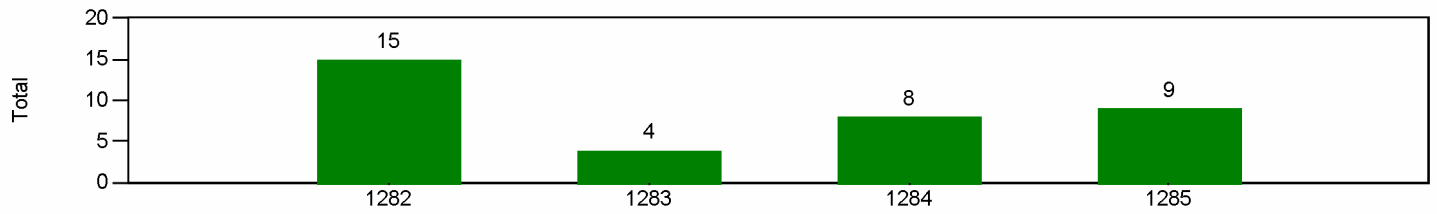


6.4. What is the role of the incumbent operator in the provision of IP for voice service?

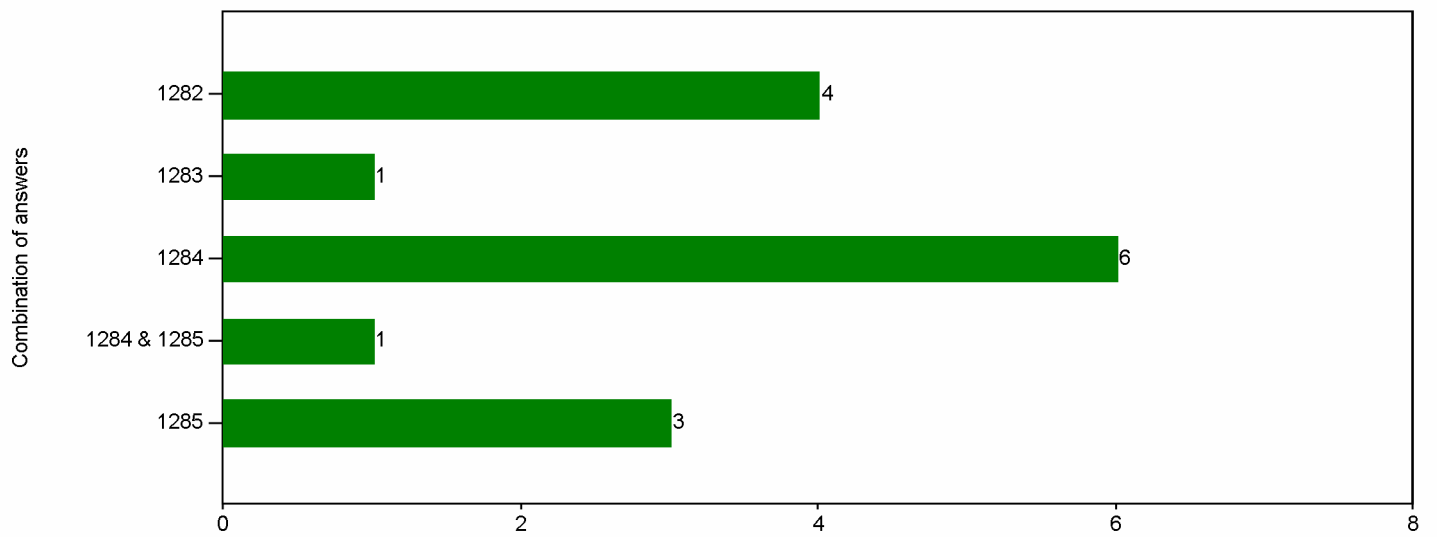
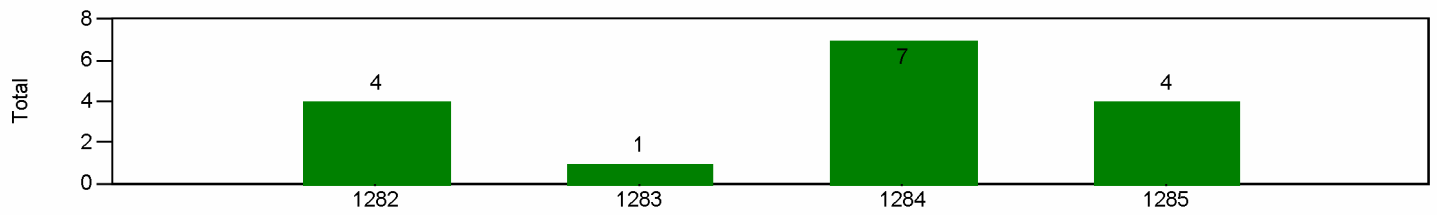
Multiple answers possible:

- 1282 Permit interconnection with an IP provider
- 1283 The incumbent operator is the only entity authorized to provide IP
- 1284 No role
- 1285 Other , please specify

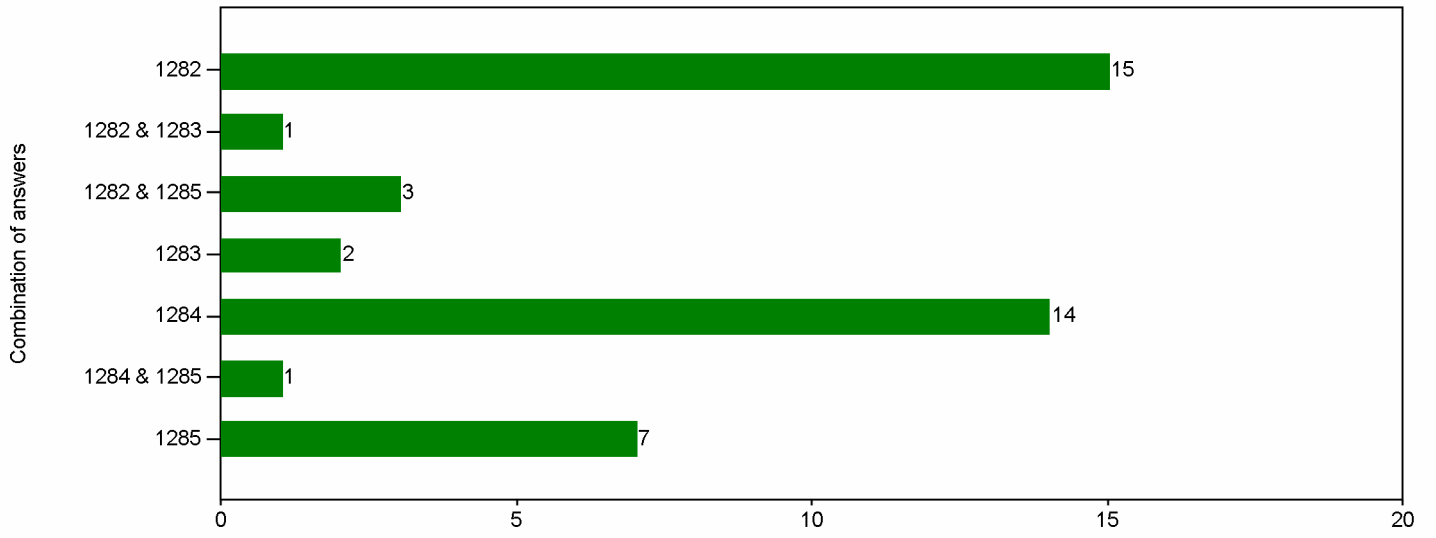
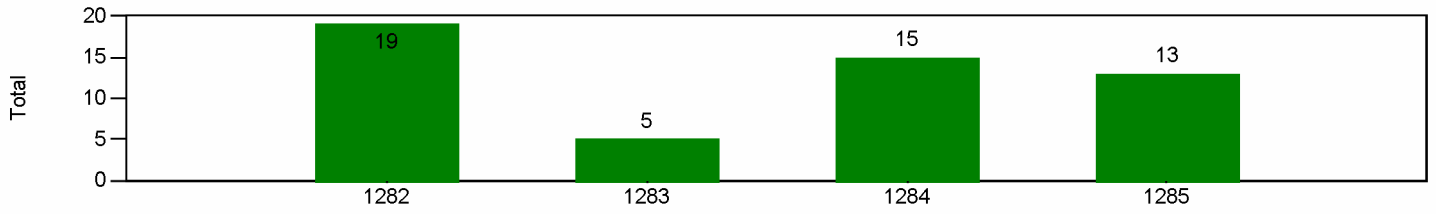
Administration Authorities



Operators



Administration Authorities and Operators



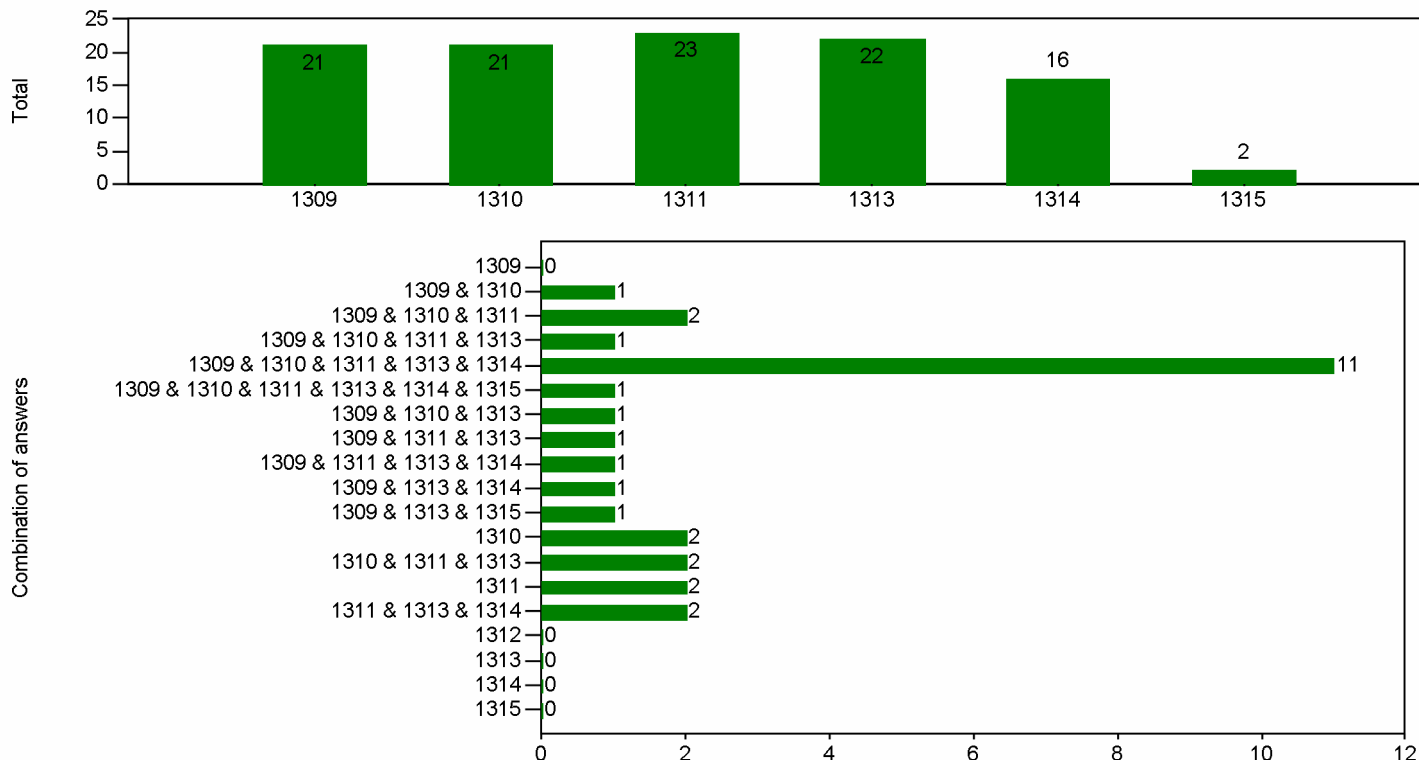
7. Price control of other telecommunication services

7.1. Which of the different basic telecommunication services provided in your country are provided without price controls and which are provided with price controls?

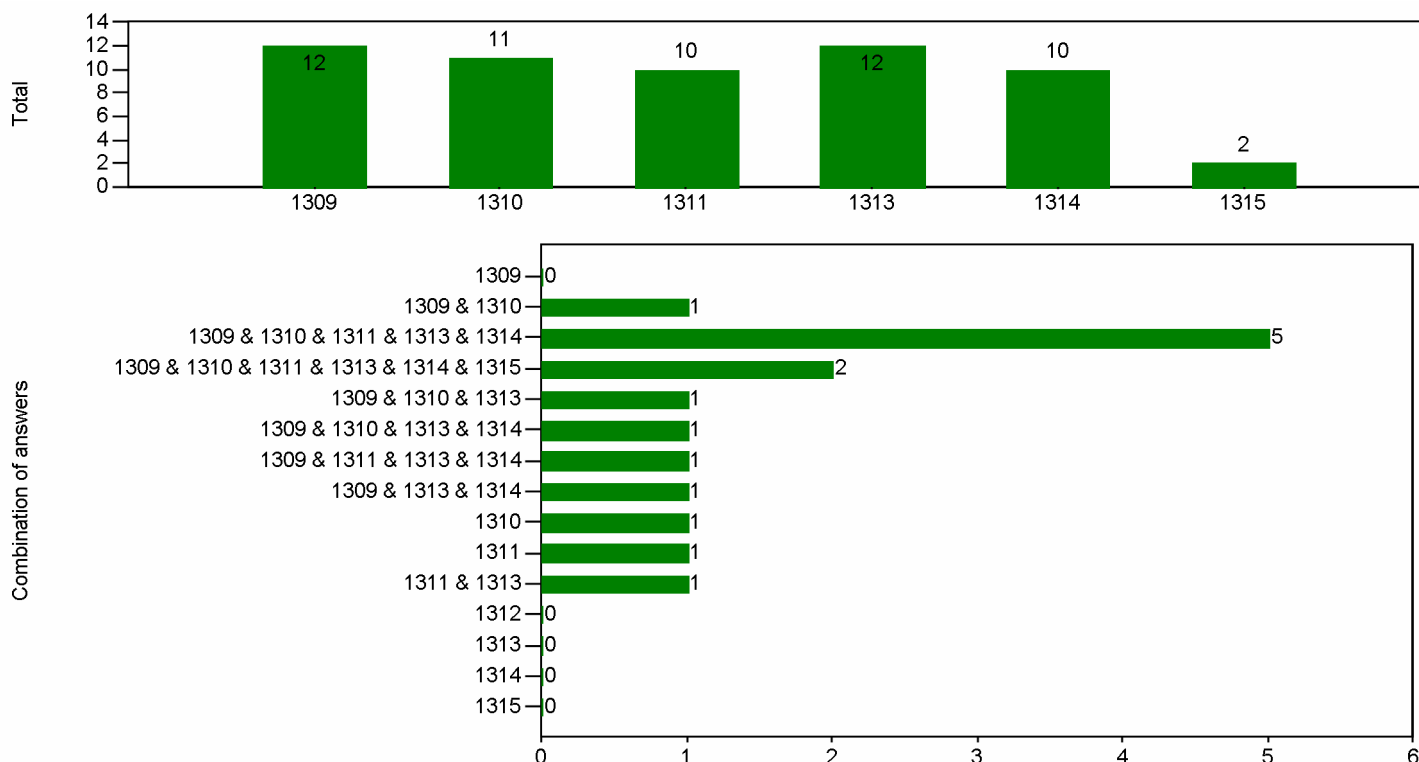
Multiple answers possible:

- 1309 Transmission of data
- 1310 Mobile
- 1311 Personal communication service (PCS)
- 1312 Trunking
- 1313 Access to Internet
- 1314 Provision of links
- 1315 Others Other, please specify

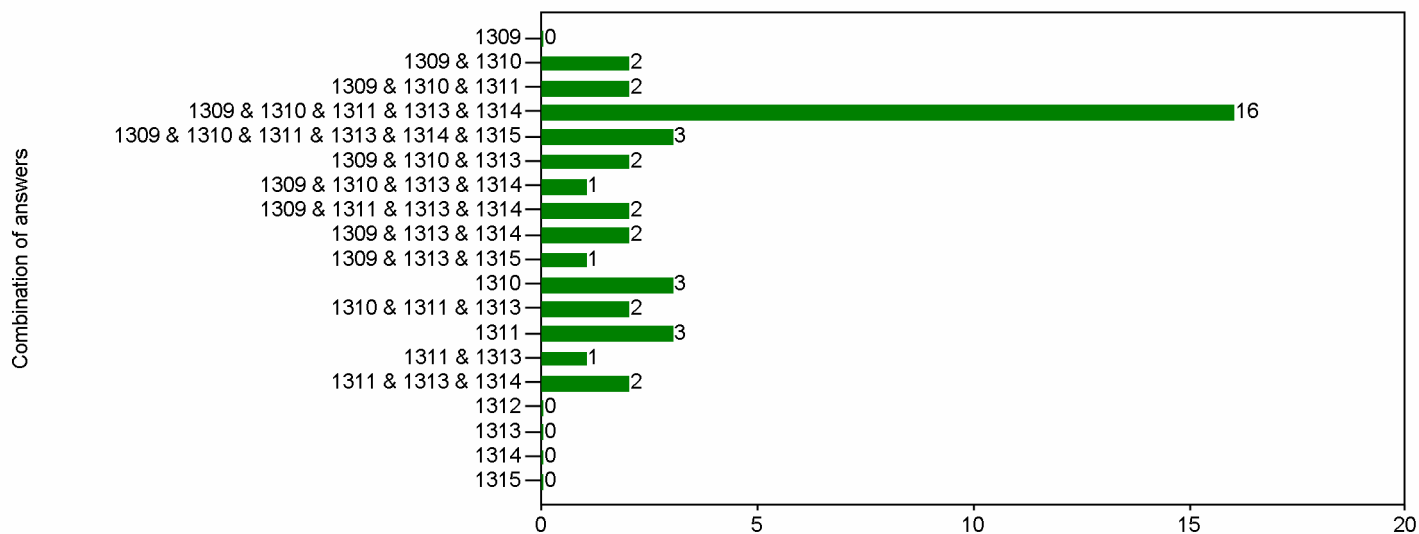
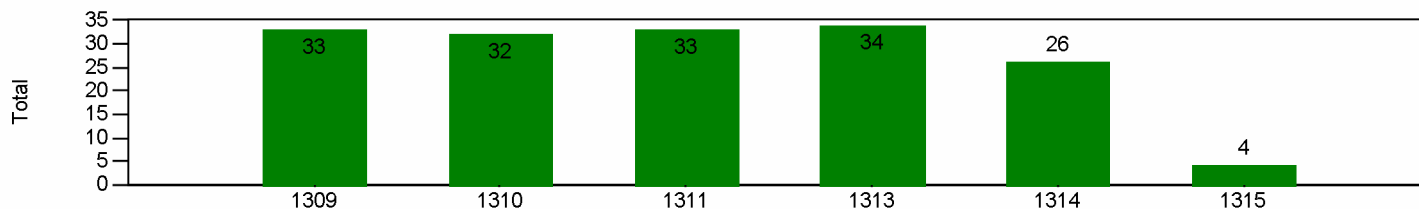
Administration Authorities - Without price control



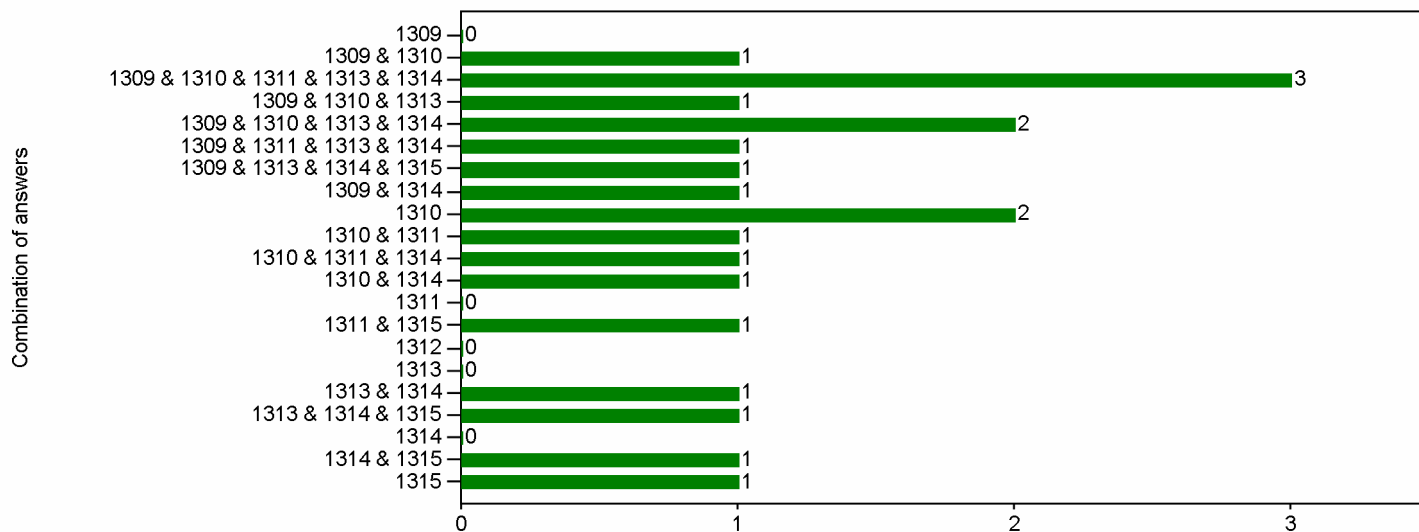
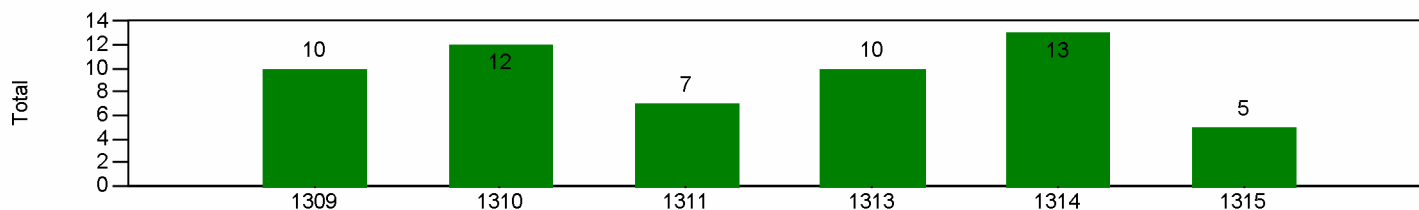
Operators - Without price control



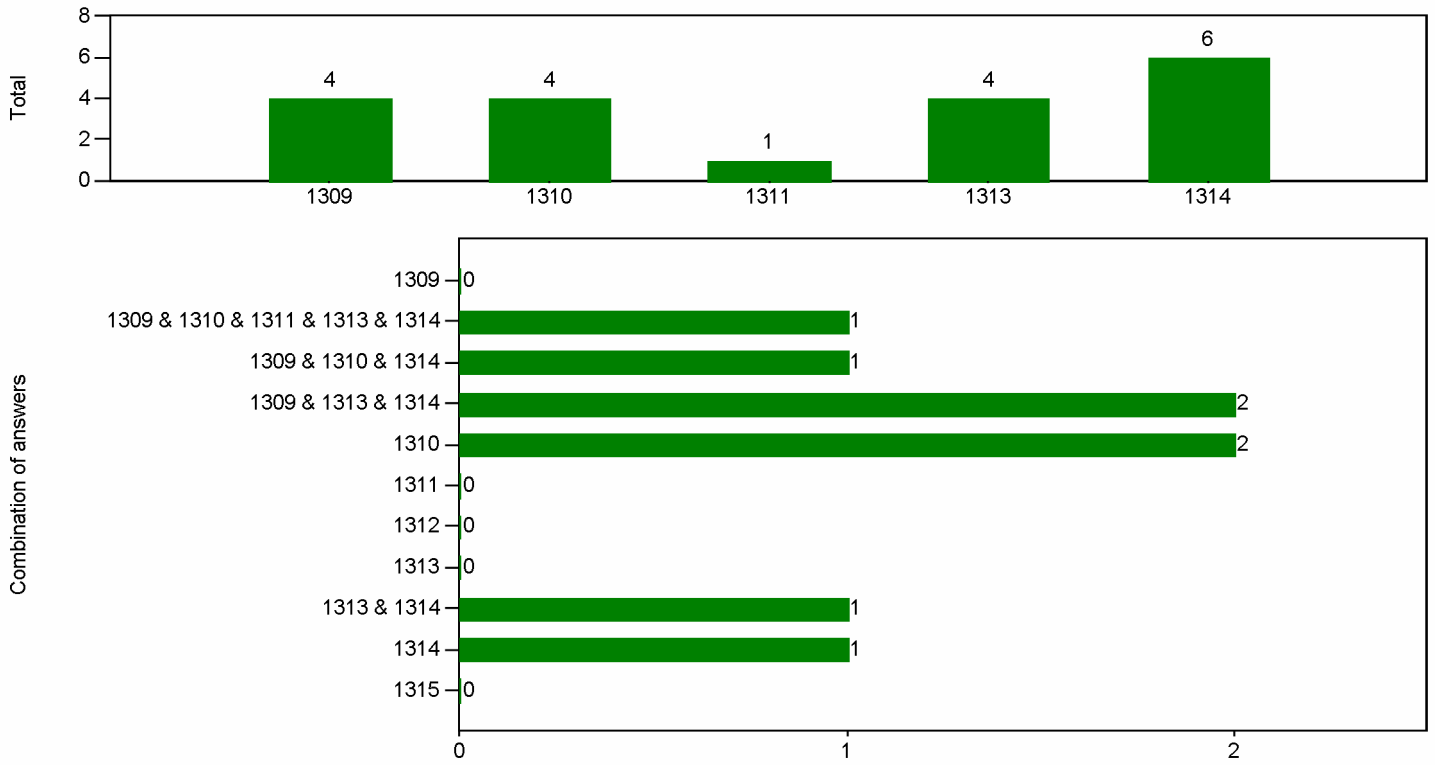
Administration Authorities and Operators - Without price control



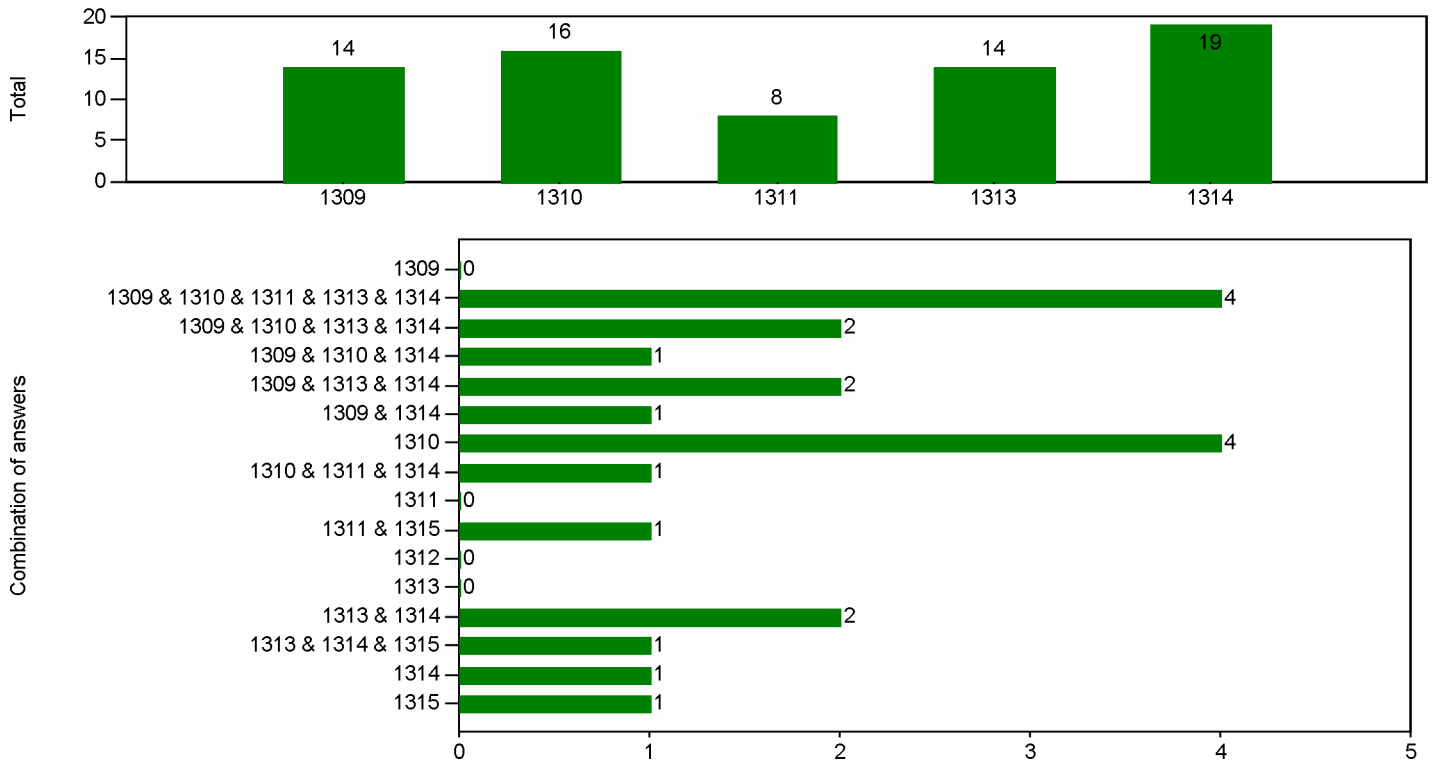
Administration Authorities - With price control



Operators - With price control



Administration Authorities and Operators - With price control



7.2. Are there price controls for access from fixed to mobile?

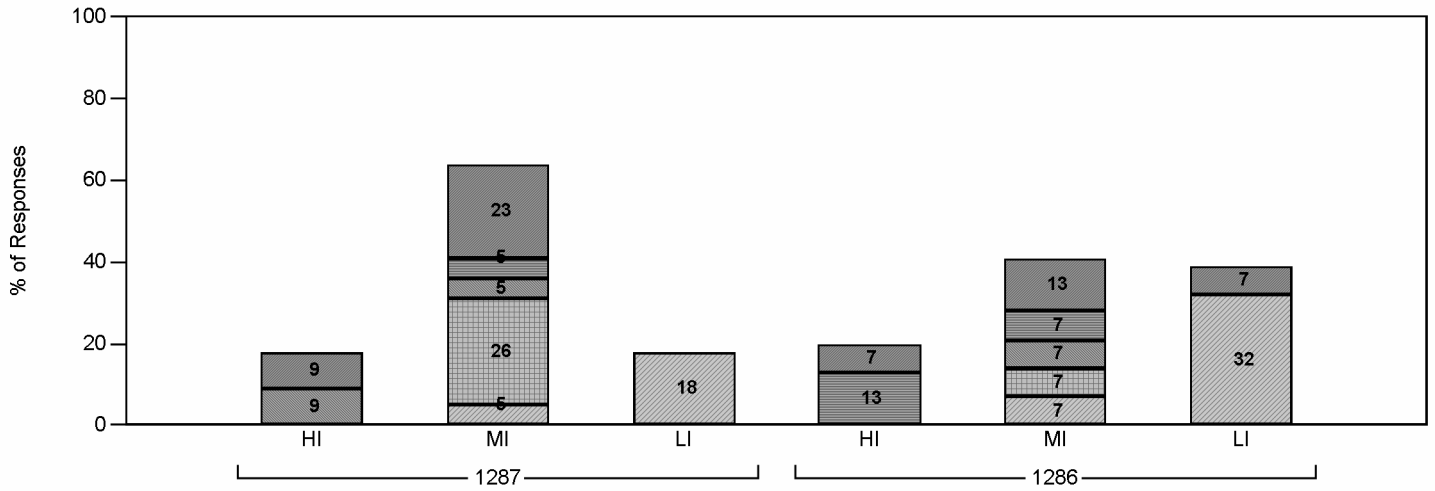
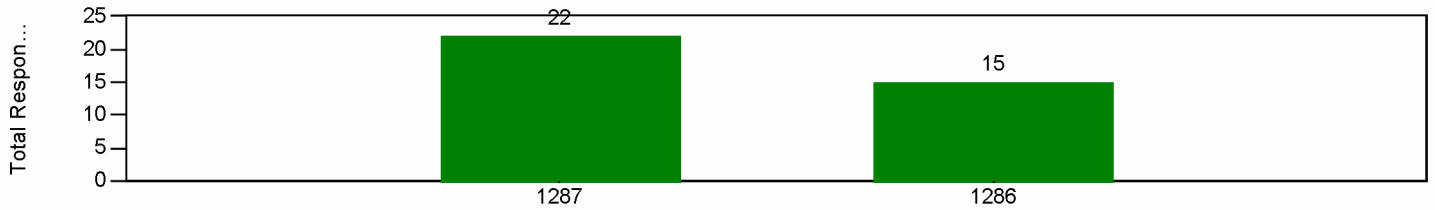
Only one answer possible:

1286 Without price control

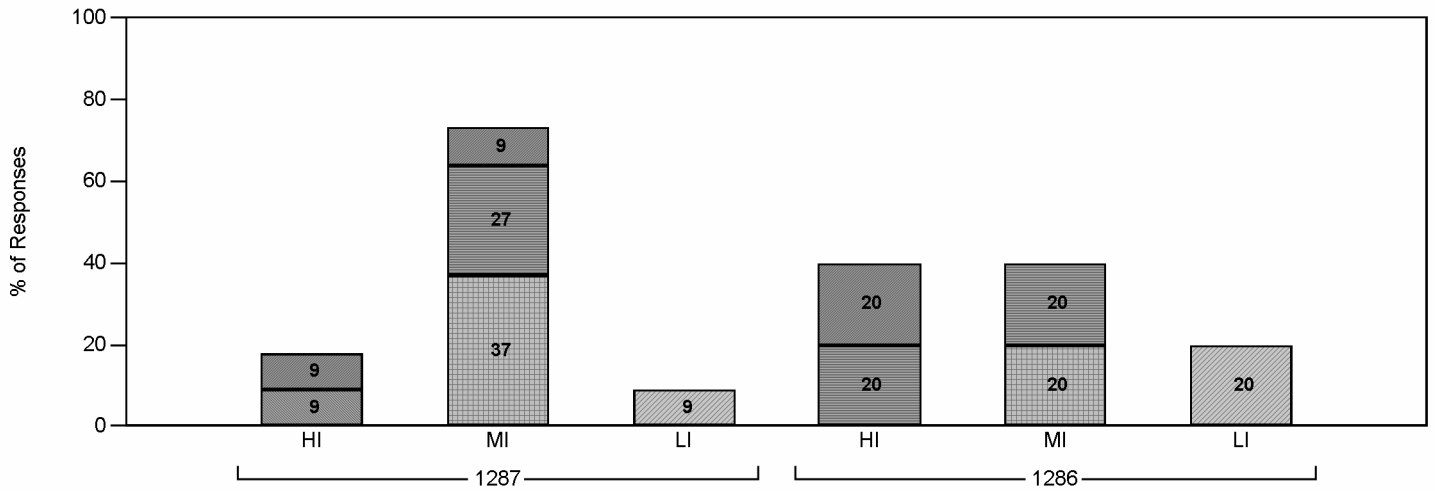
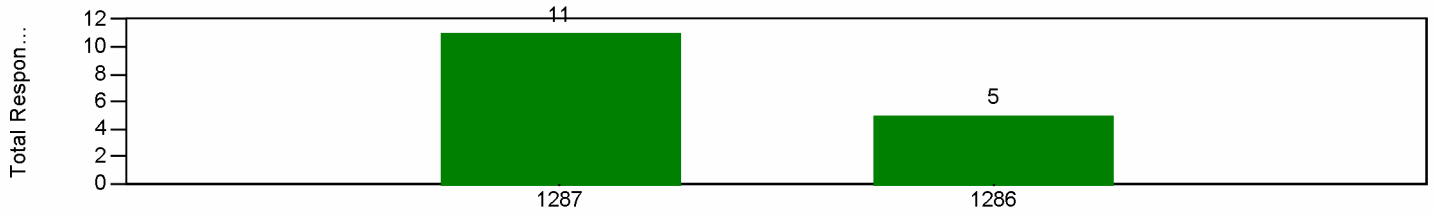
1287 With price control

Specify the type of regulation if it exists:

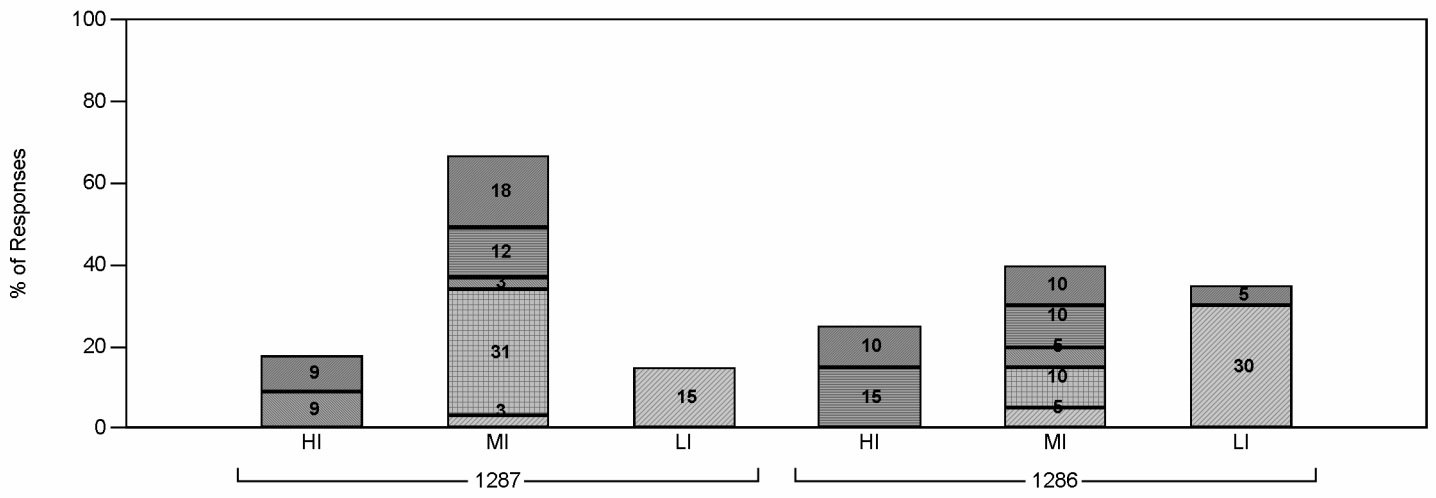
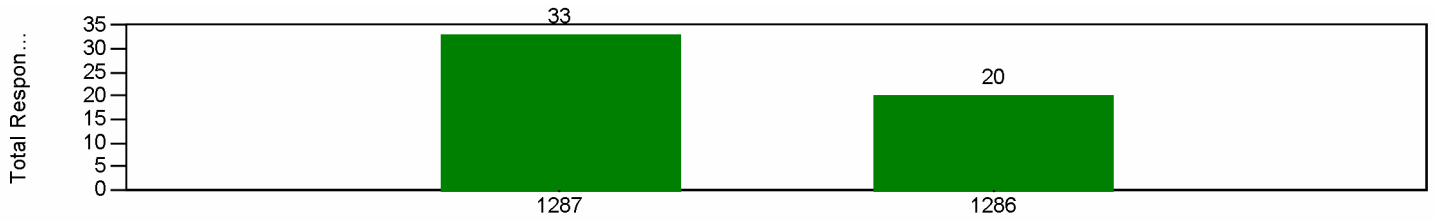
Administration Authorities



Operators



Administration Authorities and Operators



8. Concept of dominance

8.1. Is the concept of "dominance" defined in your country?

Only one answer possible:

- 1638 Yes
 1639 No
 If not, will it be defined and when?

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
11	Africa	1	1	3	5 45%	0	1	5	6 55%		
4	Arab States	1	2	0	3 75%	0	0	1	1 25%		
4	Asia & Pacific	2	0	0	2 50%	0	2	0	2 50%		
12	Europe & CIS countries	4	7	0	11 92%	0	0	1	1 8%		
7	The Americas	0	6	0	6 86%	0	1	0	1 14%		
38					27 71%				11 29%		

Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
2	Africa	0	0	0	2 100%	0	0	0	0 0%		
0	Arab States	0	0	0	0 0%	0	0	0	0 0%		
5	Asia & Pacific	0	0	0	3 60%	0	0	0	2 40%		
3	Europe & CIS countries	0	0	0	3 100%	0	0	0	0 0%		
5	The Americas	0	0	0	3 60%	0	0	0	2 40%		
15					11 73%				4 27%		

Administration Authorities and Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
13	Africa	0	0	0	7 54%	0	0	0	6 46%		
4	Arab States	0	0	0	3 75%	0	0	0	1 25%		
9	Asia & Pacific	0	0	0	5 56%	0	0	0	4 44%		
15	Europe & CIS countries	0	0	0	14 93%	0	0	0	1 7%		
12	The Americas	0	0	0	9 75%	0	0	0	3 25%		
53					38 72%				15 28%		

8.2. What is the definition given to this concept in your country?

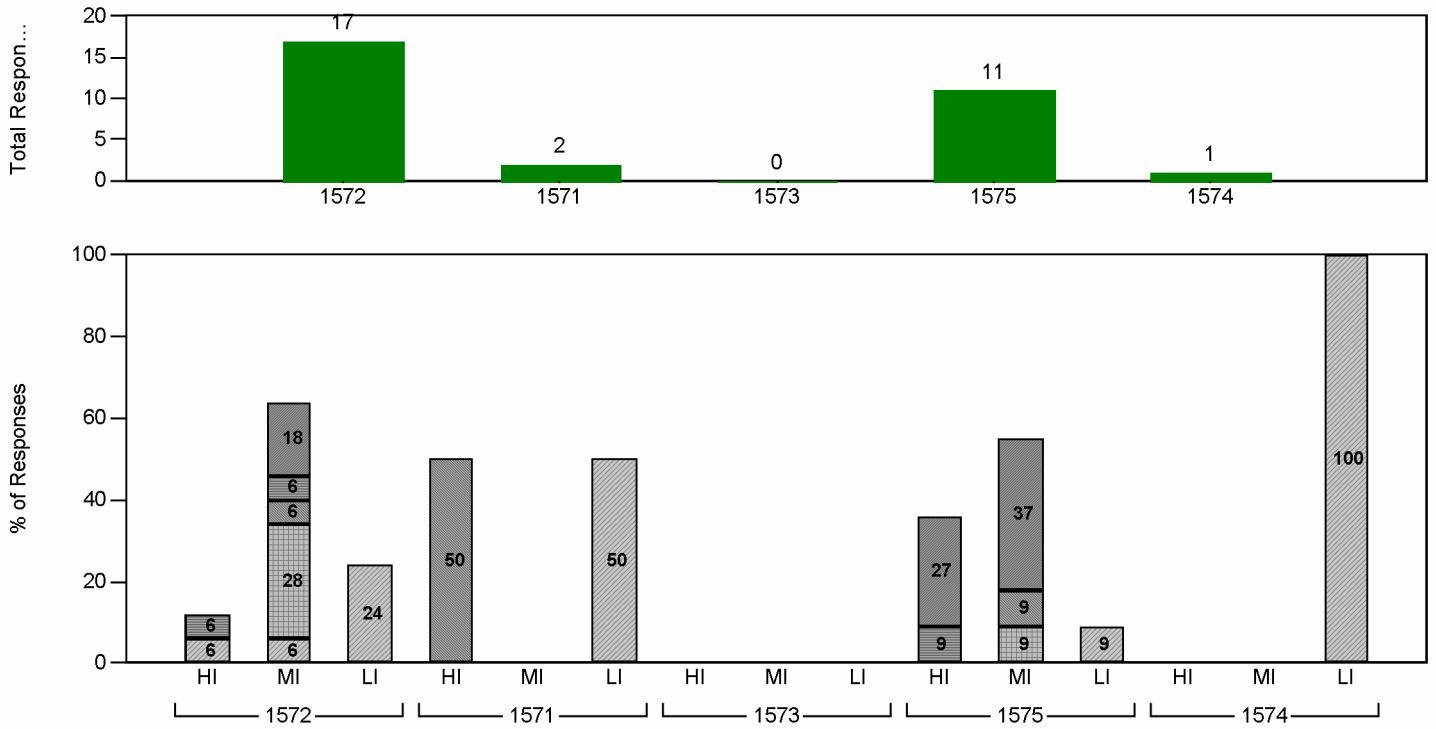
The answers to this question are text based.

8.3. If Yes, what term is used?

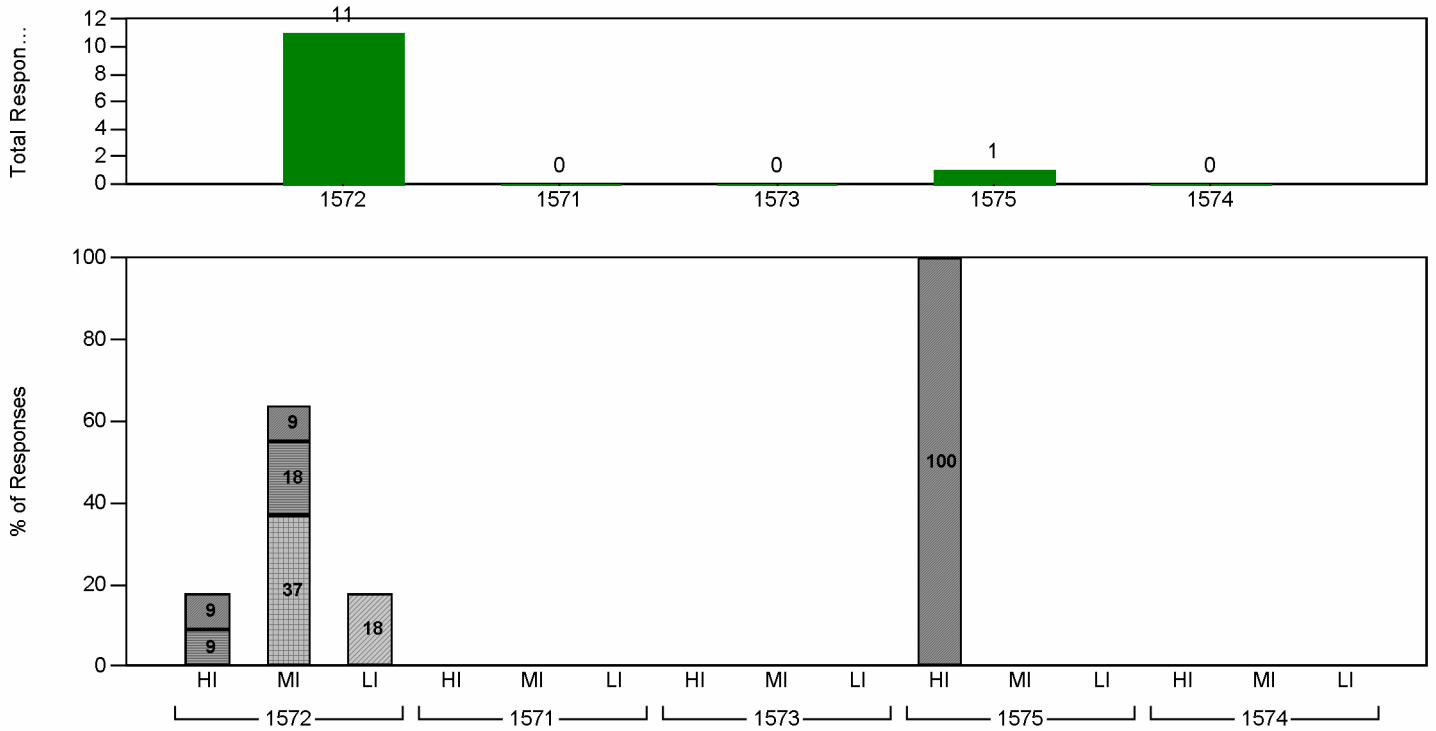
Only one answer possible:

- 1571 Influential
 1572 Dominant
 1573 Majority
 1574 Powerful
 1575 Other, please specify

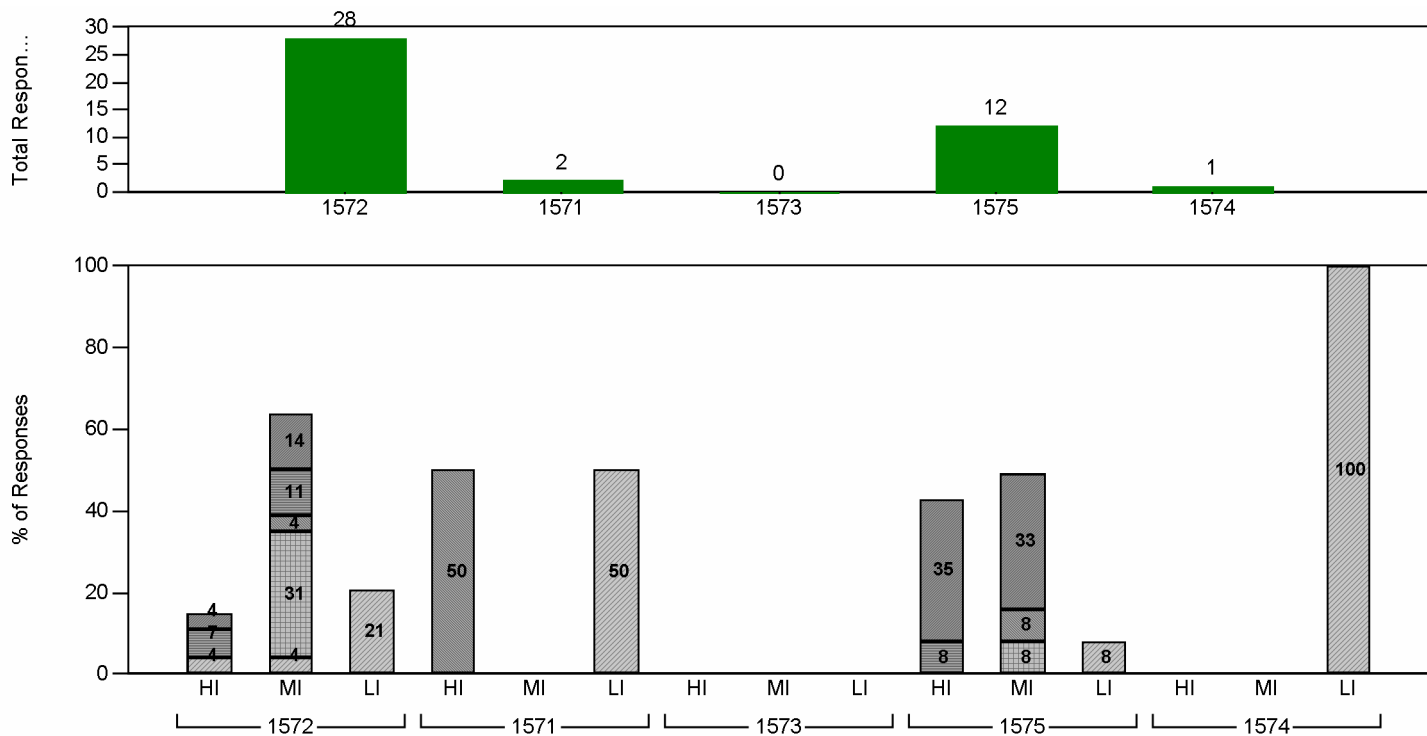
Administration Authorities



Operators



Administration Authorities and Operators

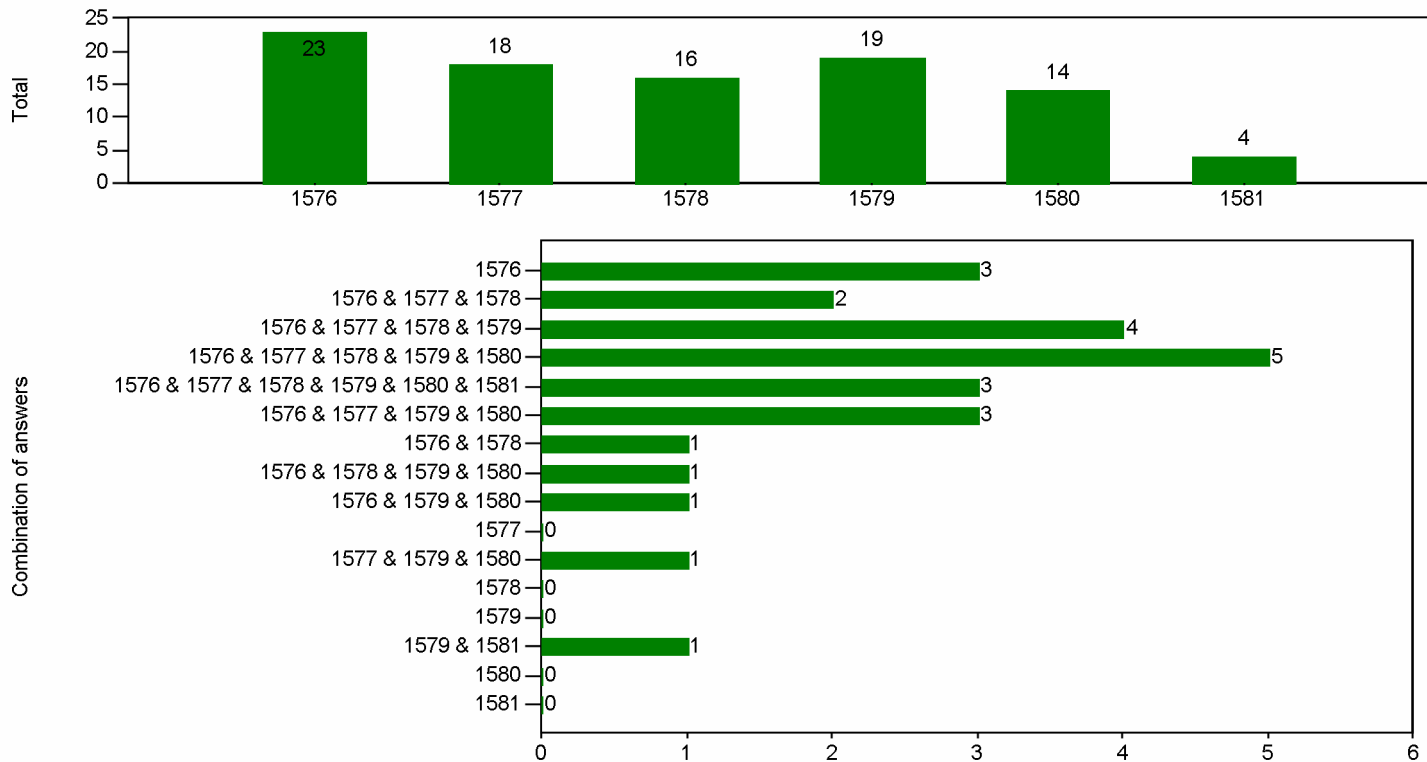


8.4. To what types of wholesale (between operators) or retail (between users and operators) markets does the concept of "dominance" apply?

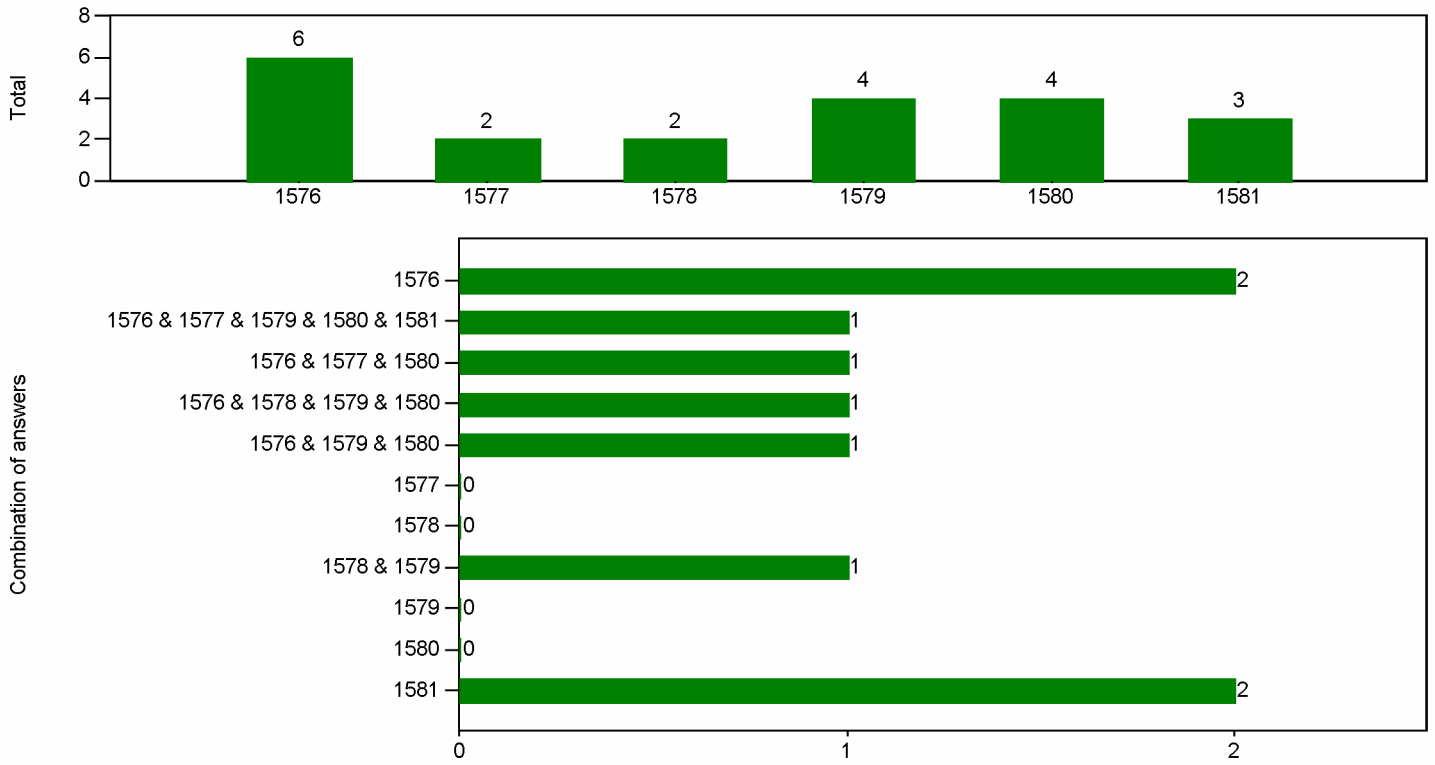
Multiple answers possible:

- 1576 Interconnection
- 1577 Leased links
- 1578 Internet
- 1579 Basic telephony
- 1580 Mobile telephony
- 1581 Other, Other, please specify

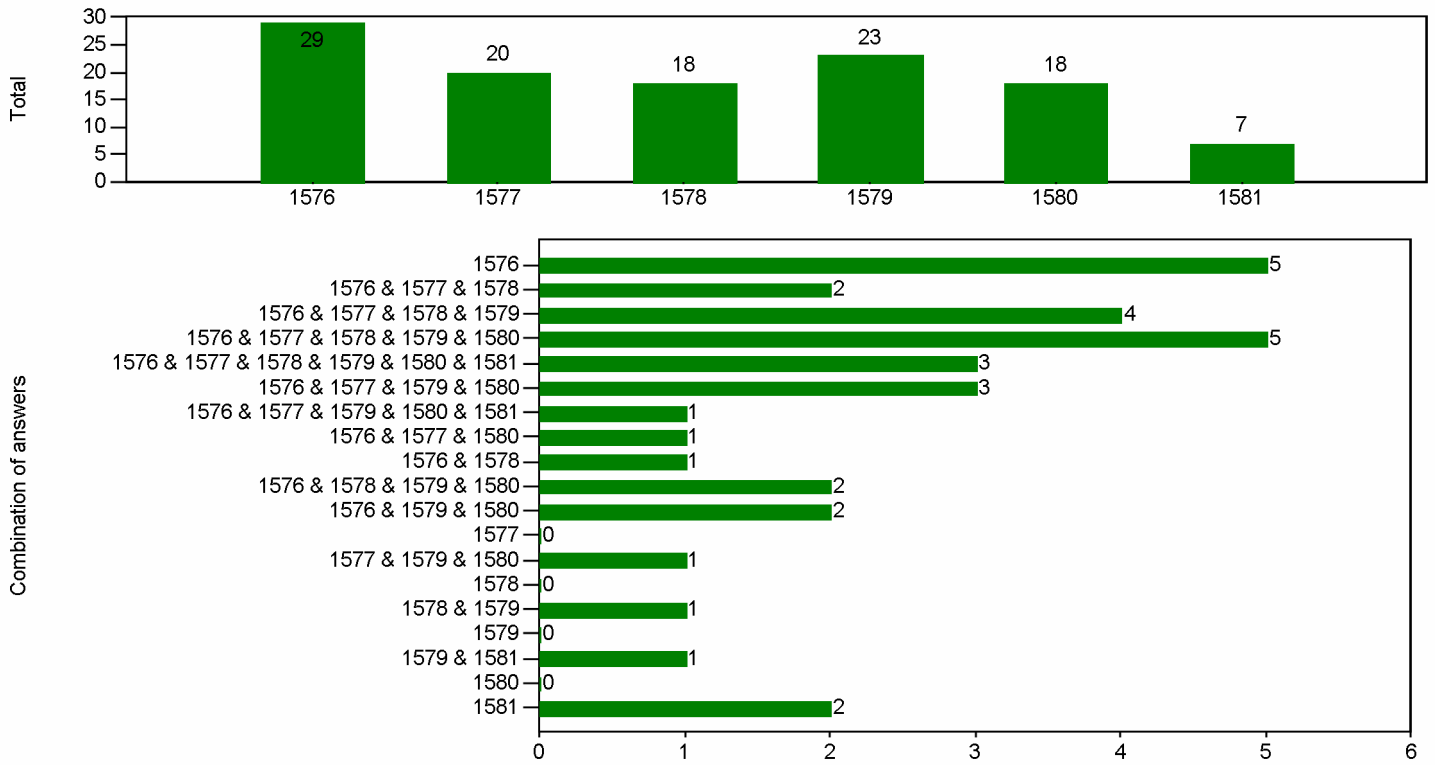
Administration Authorities - Wholesale market (between operators)



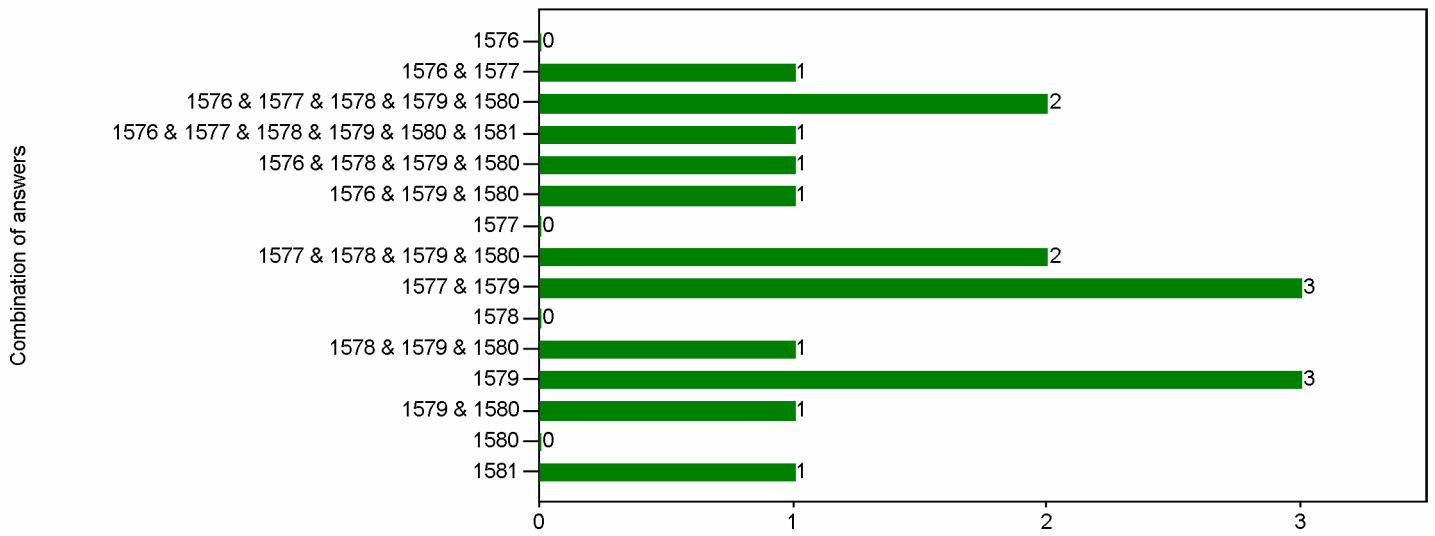
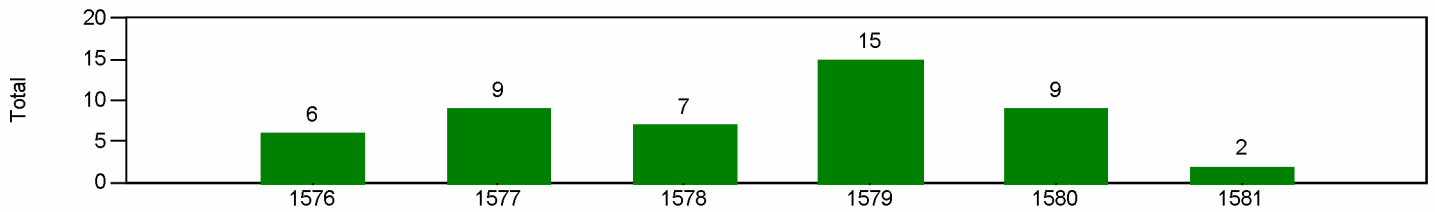
Operators - Wholesale market



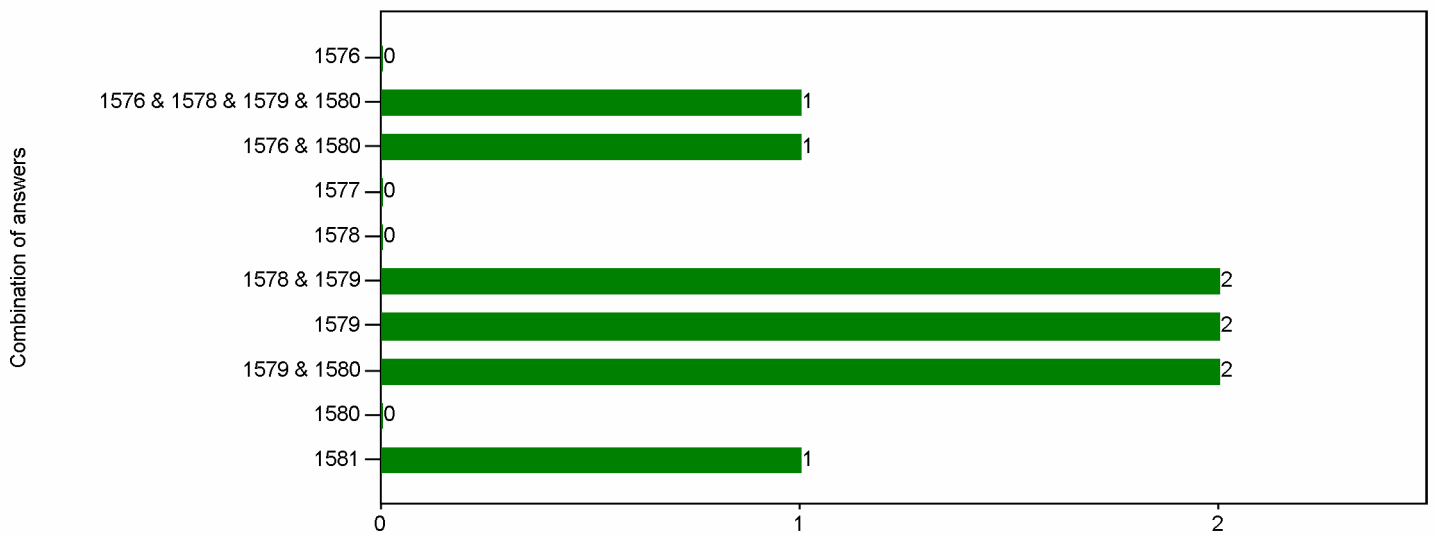
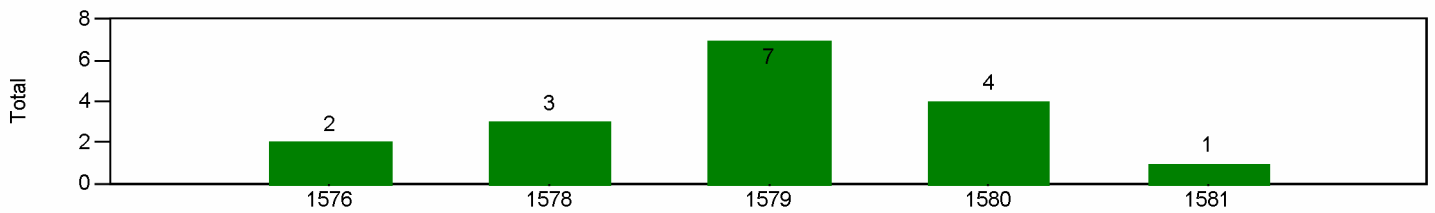
Administration Authorities and Operators - Wholesale market



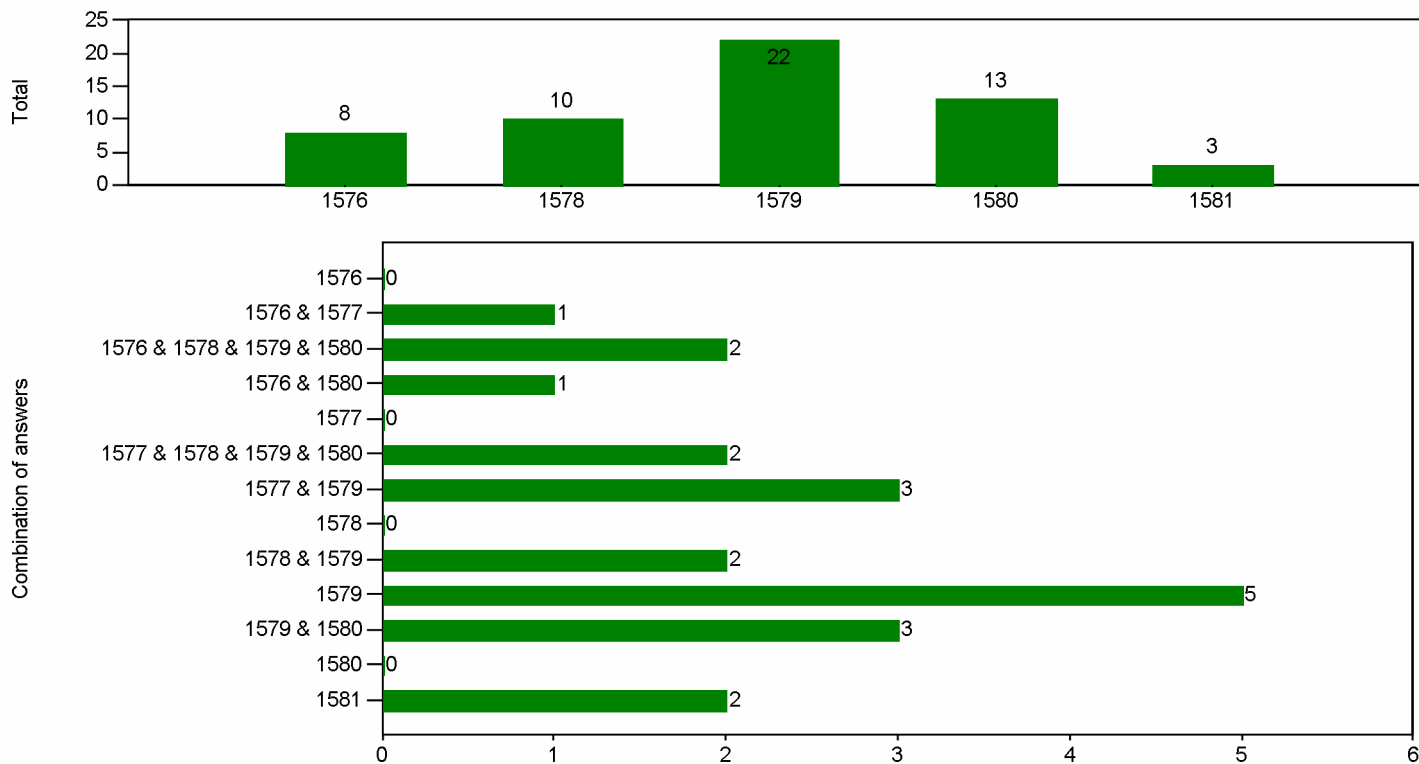
Administration Authorities - Retail markets (users/operators)



Operators - Retail market



Administration Authorities and Operators - Retail market

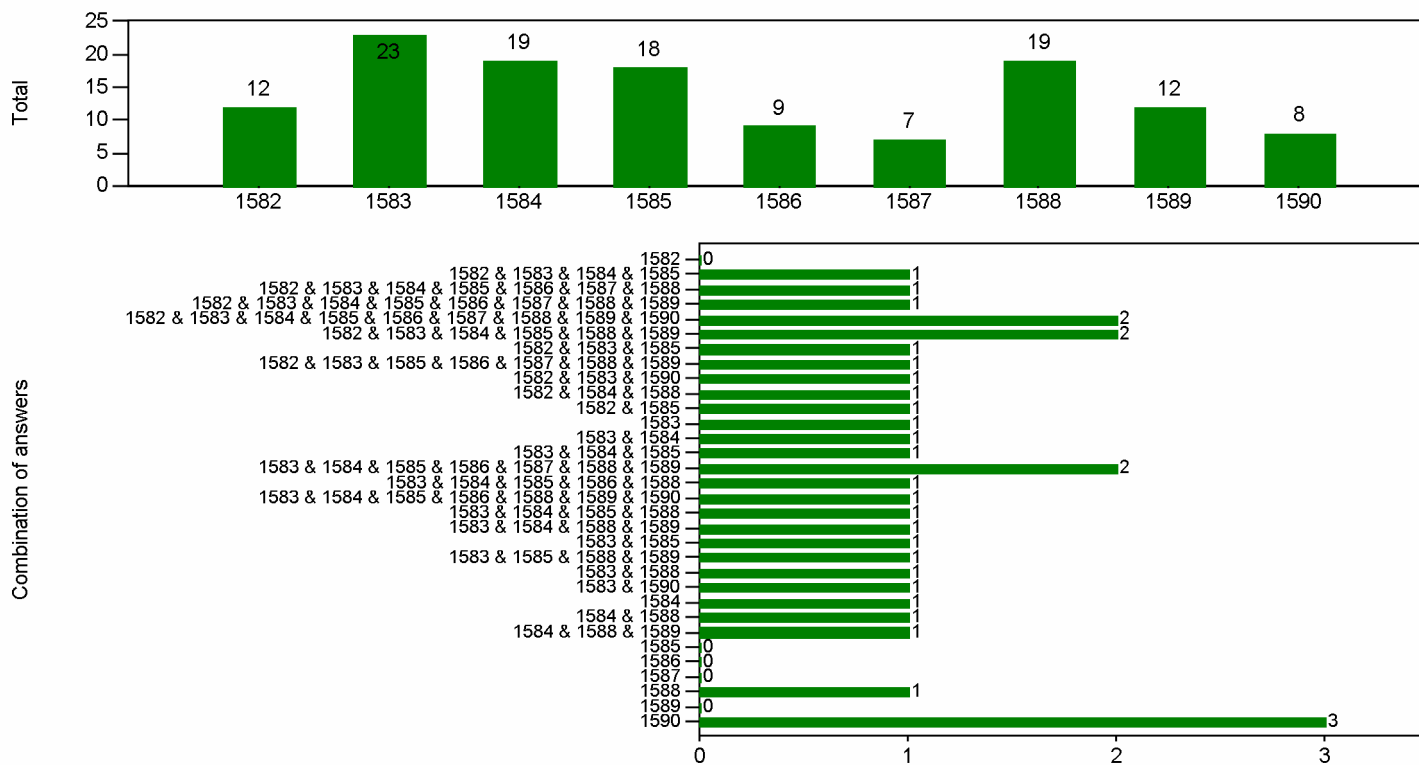


8.5. What criteria are used in determining "dominance"?

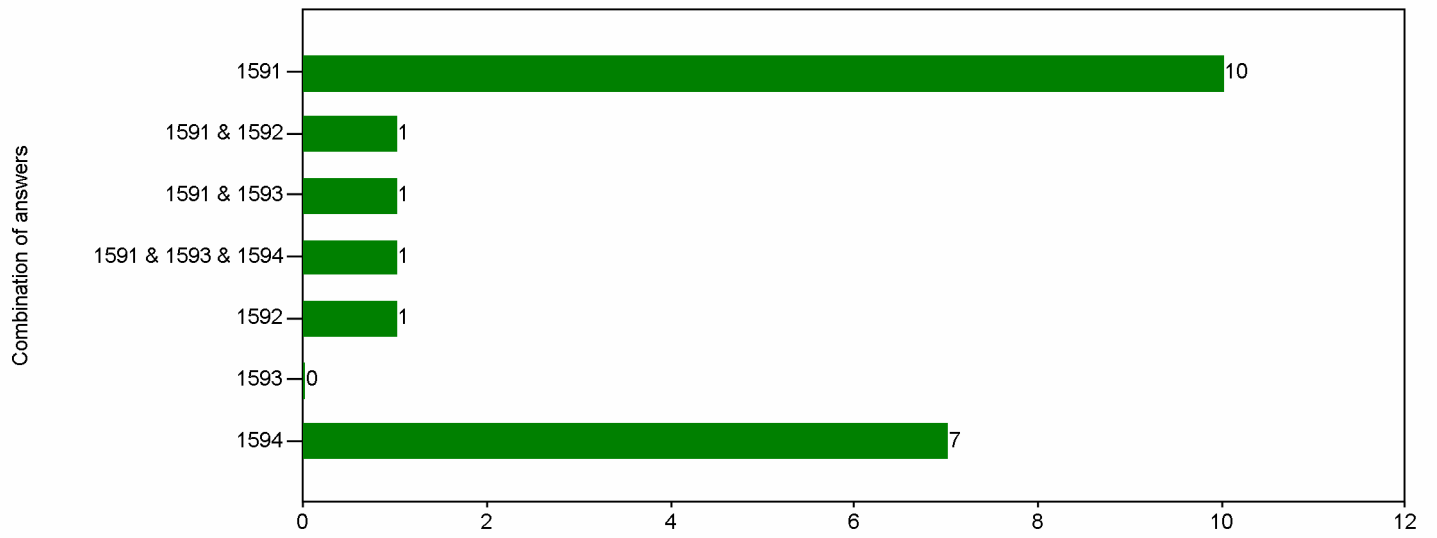
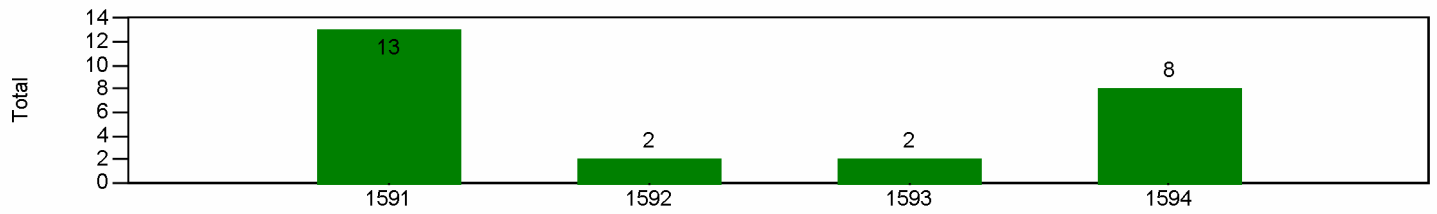
Multiple answers possible:

- 1582 Geographical
- 1583 Operator's or service provider's capability to influence market conditions
- 1584 Turnover in relation to the size of the market in question
- 1585 Control exercised by the operator over facilities allowing access to the end user
- 1586 Easy access to financial resources
- 1587 Experience in service provision in the market
- 1588 Market share in terms of number of subscribers for the type of market in question, specify as a % (please enter a number without any Apostrophe or spaces) :
- 1589 Market share (networks and services) by type of service, specify as a % (please enter a number without any Apostrophe or spaces) :
- 1590 Other , please specify

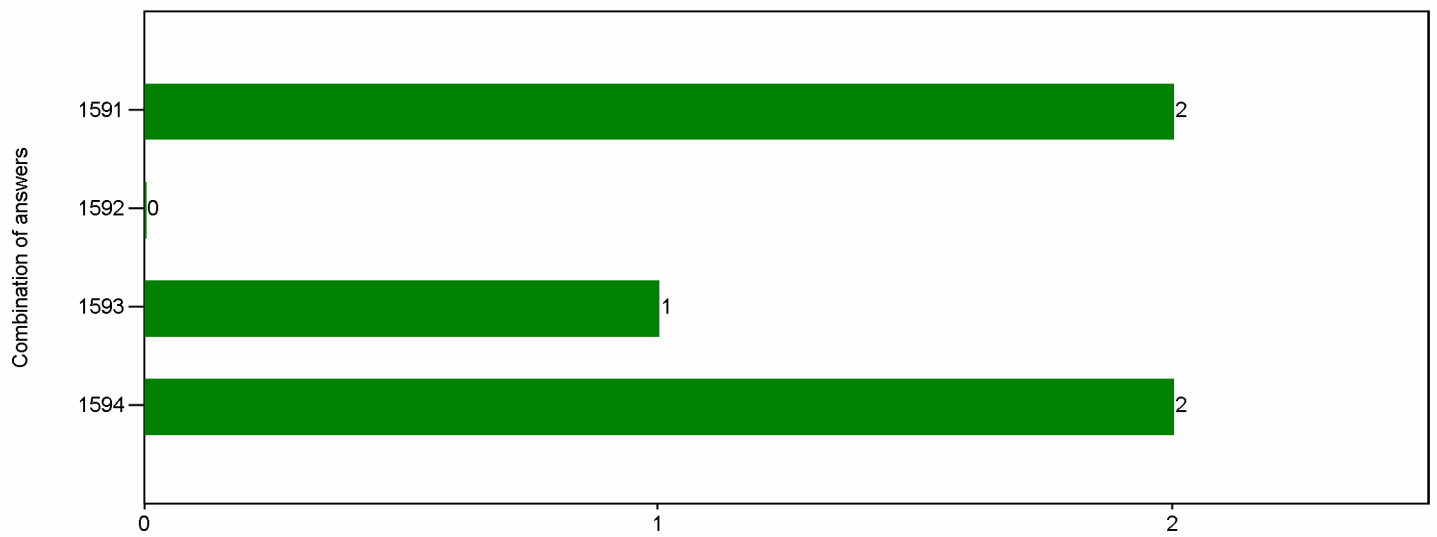
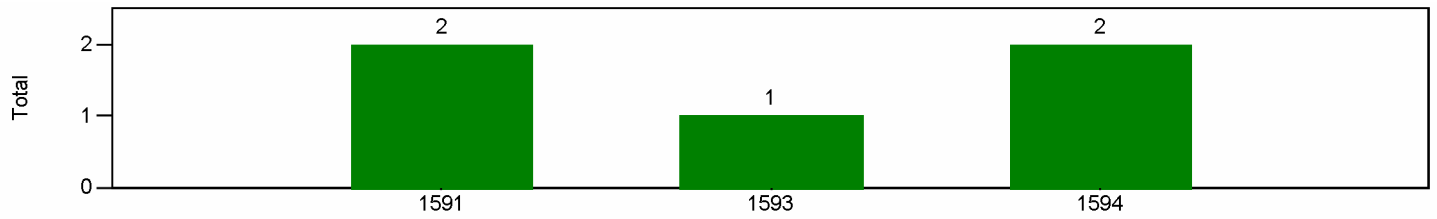
Administration Authorities



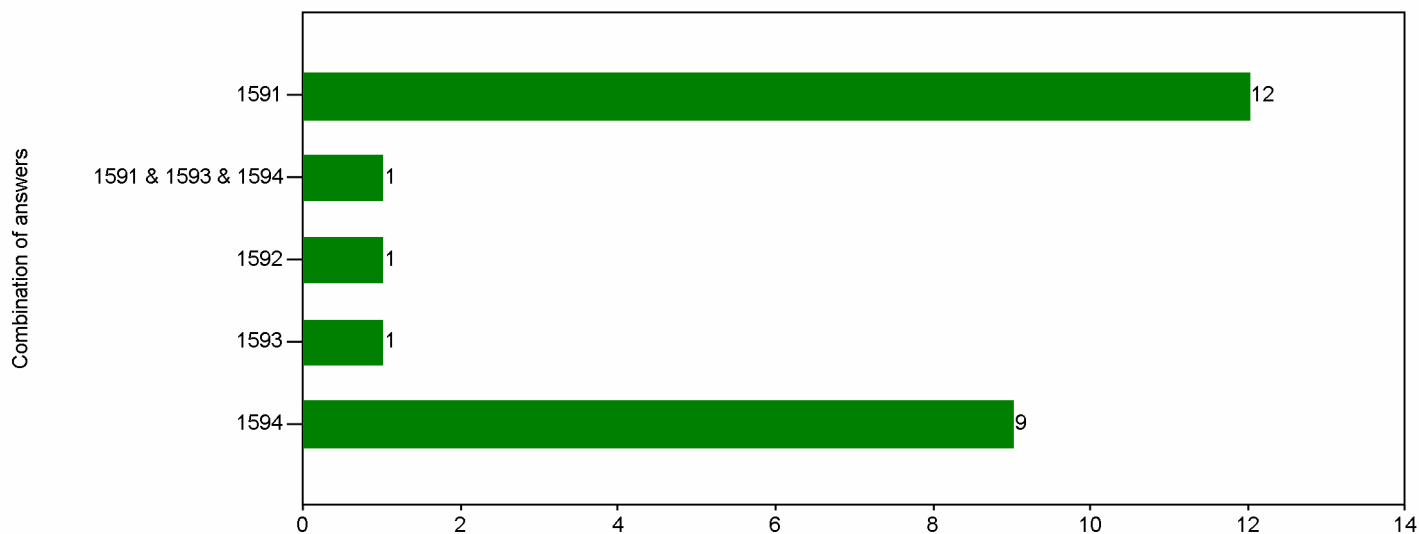
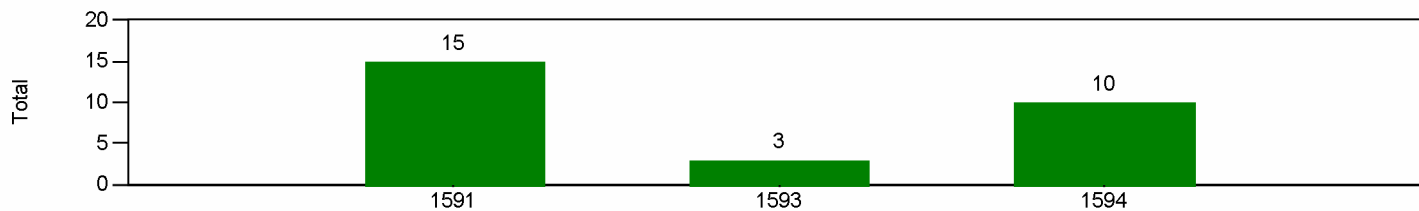
Administration Authorities



Operators



Administration Authorities and Operators

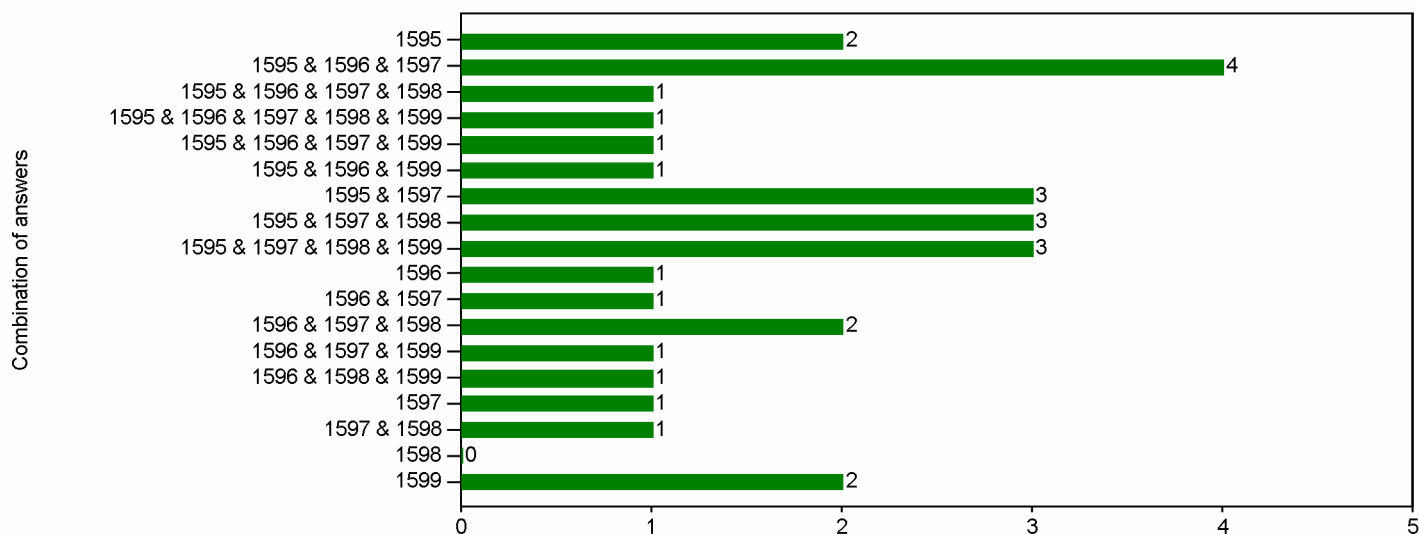
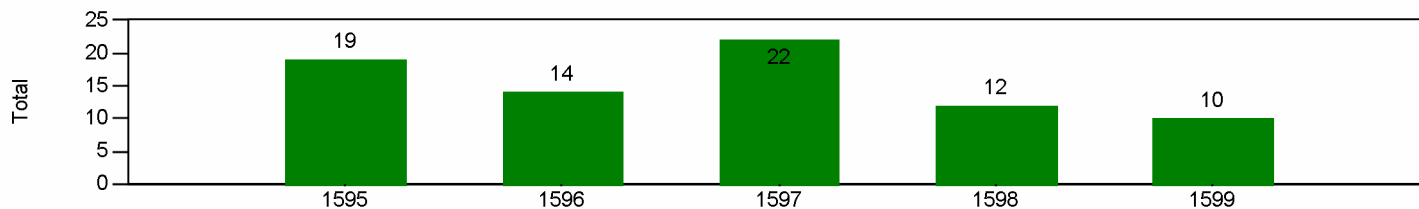


8.7. What obligations are imposed on operators or providers for each type of market?

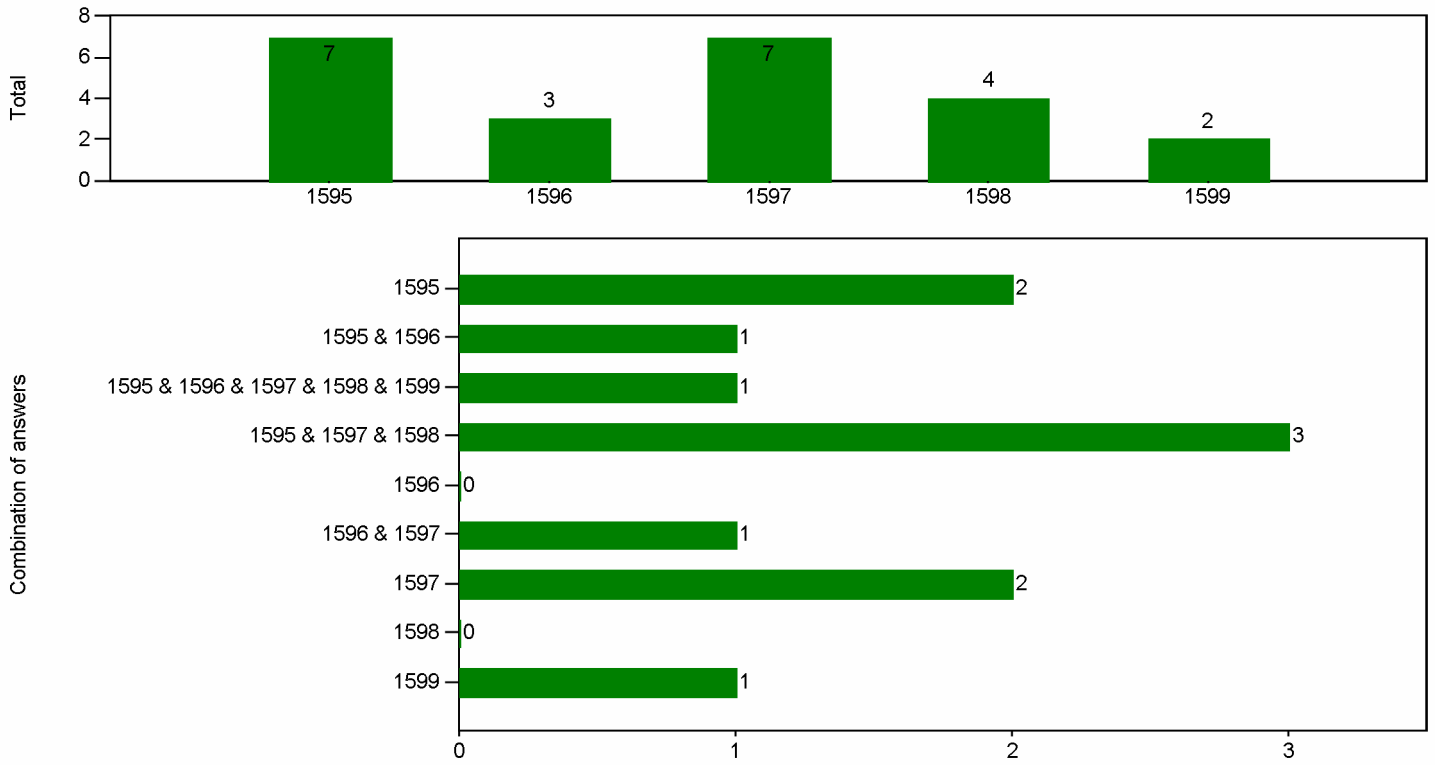
Multiple answers possible:

- 1595 Cost-oriented wholesale and retail tariffs
- 1596 Tariff framework
- 1597 Interconnection obligations
- 1598 Analytical accounting
- 1599 Other, specify

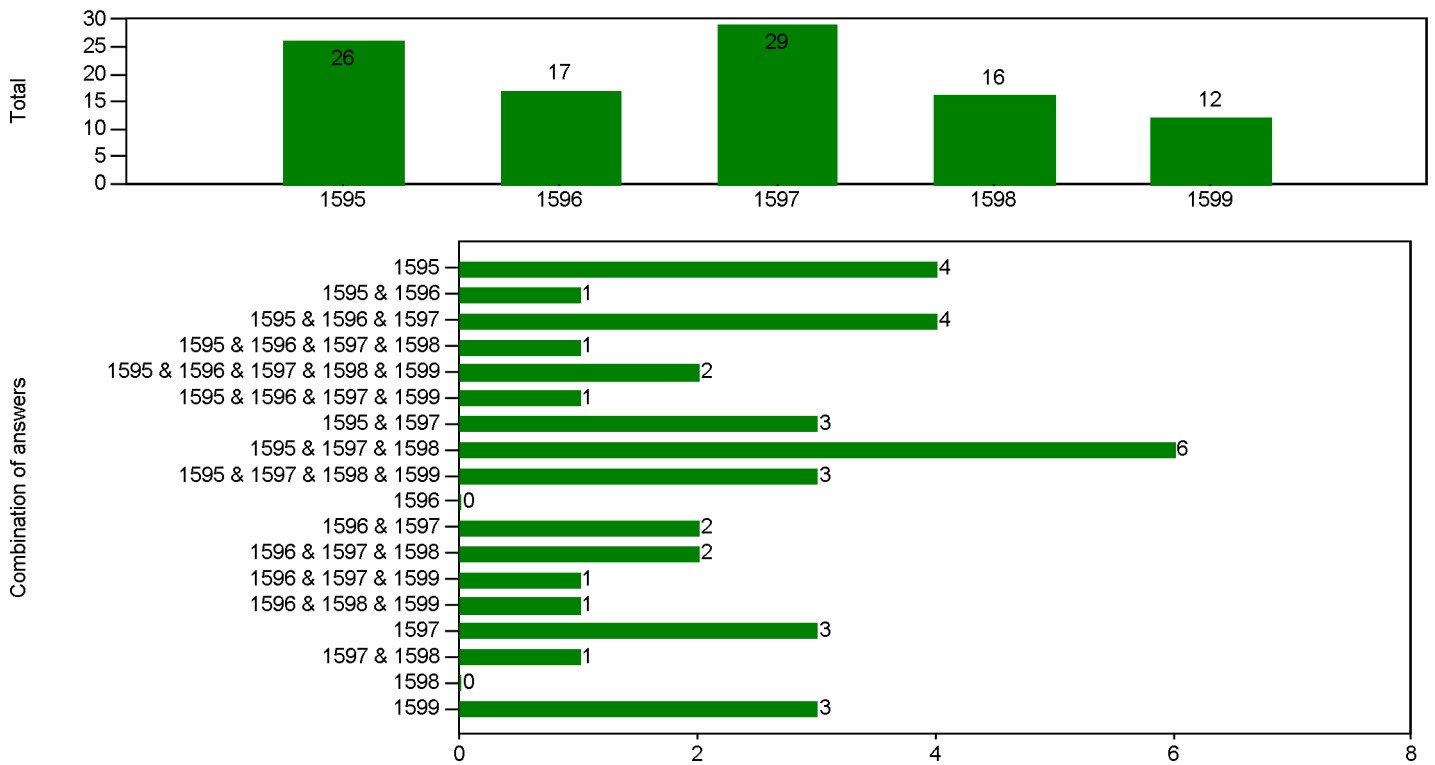
Administration Authorities



Operators



Administration Authorities and Operators

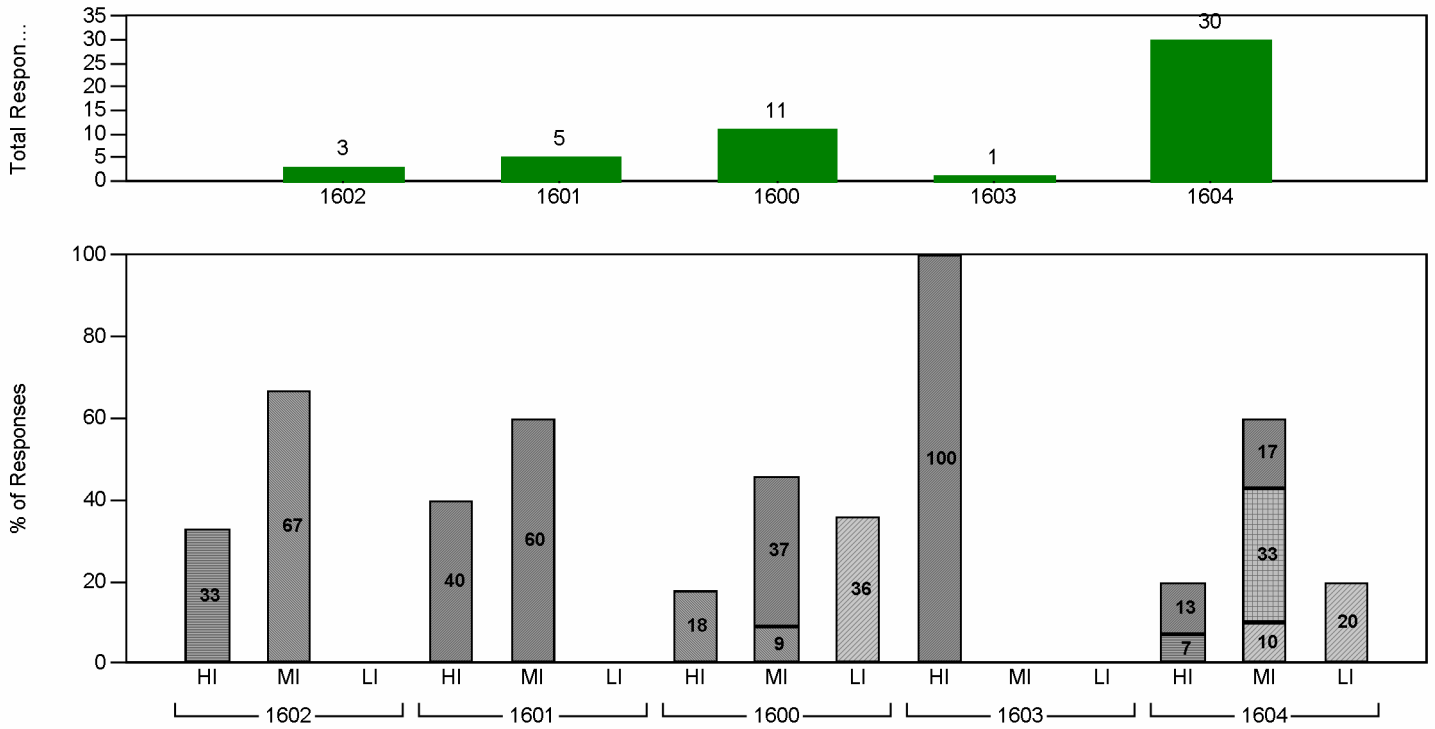


8.8. If the status of "dominance" is periodically reviewed, how often does such review take place? Every:

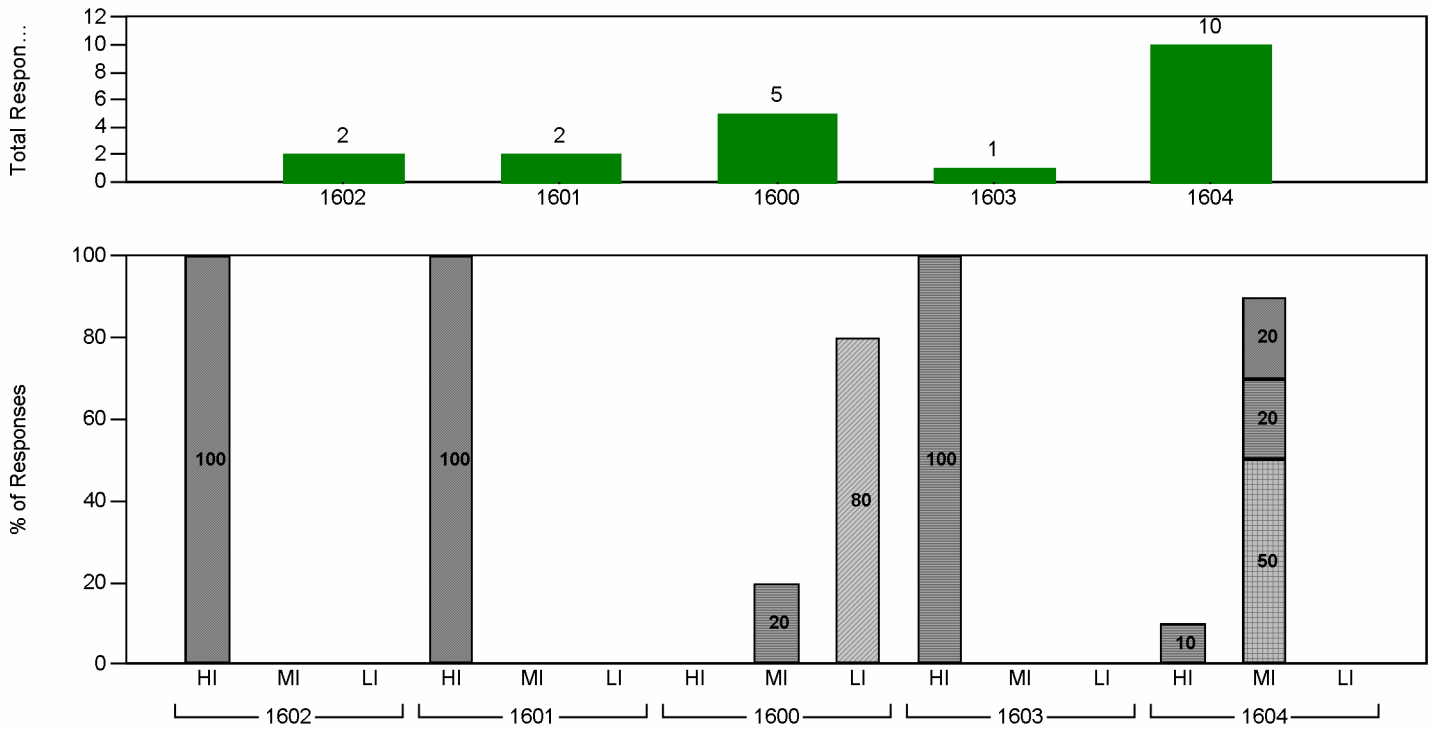
Only one answer possible:

- 1600 Every year
- 1601 Every two years
- 1602 Every three years
- 1603 More than three years
- 1604 Other, please specify

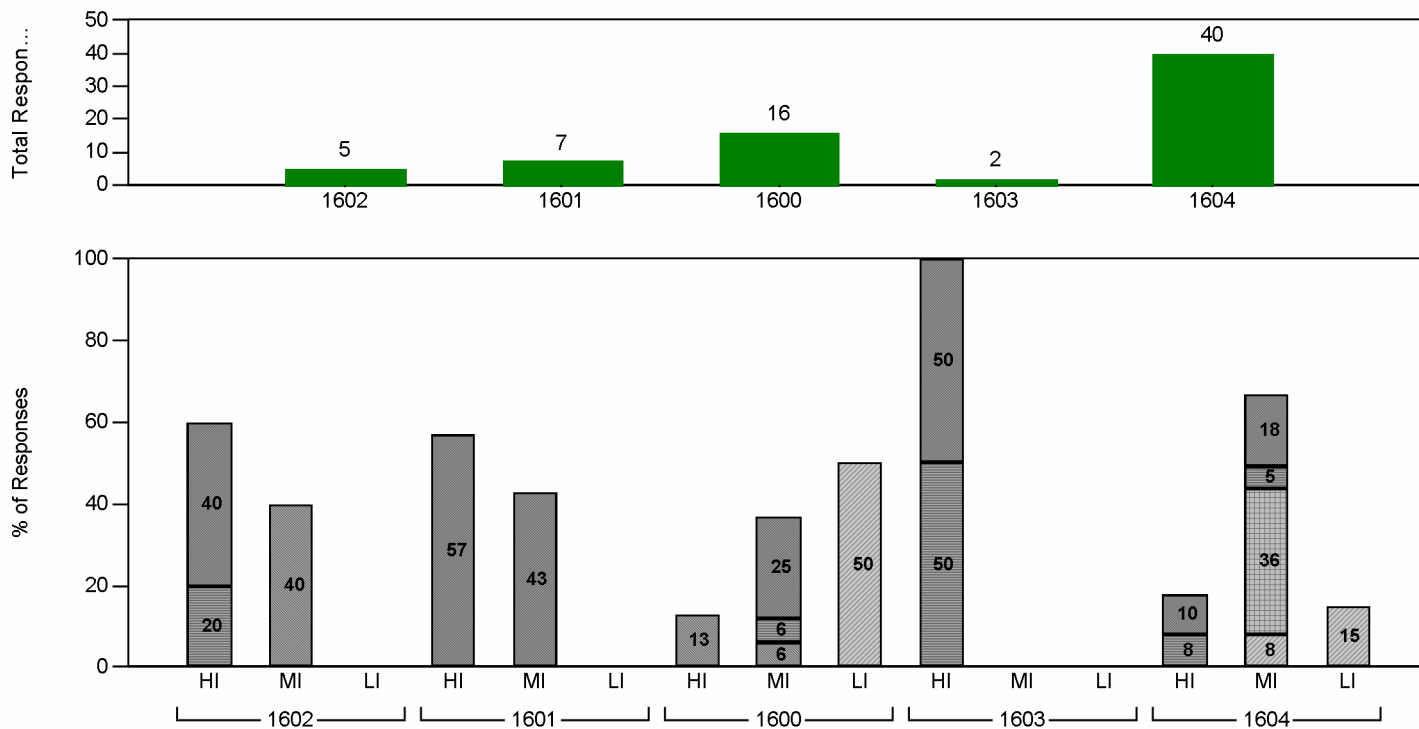
Administration Authorities



Operators



Administration Authorities and Operators

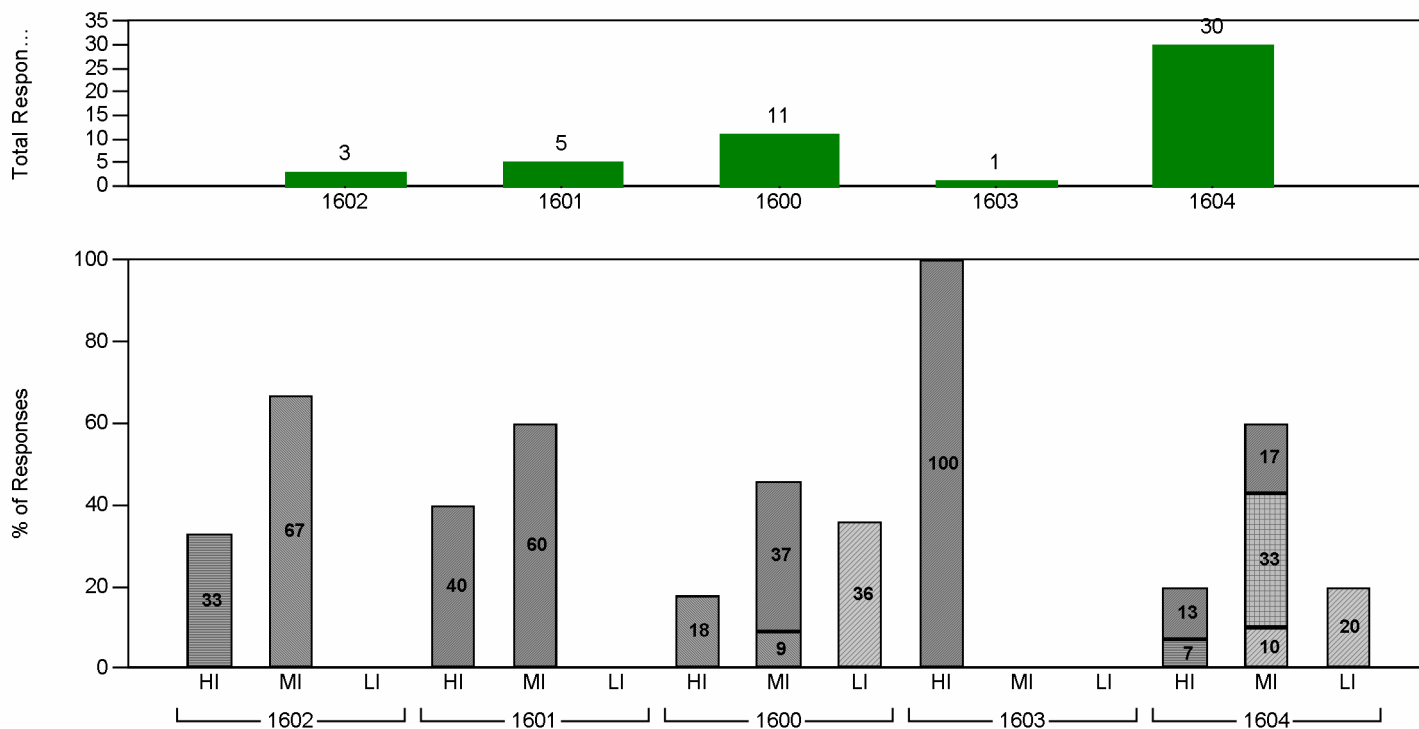


8.9. If the concept of "dominance" is periodically reviewed, how often does such review take place? Every:

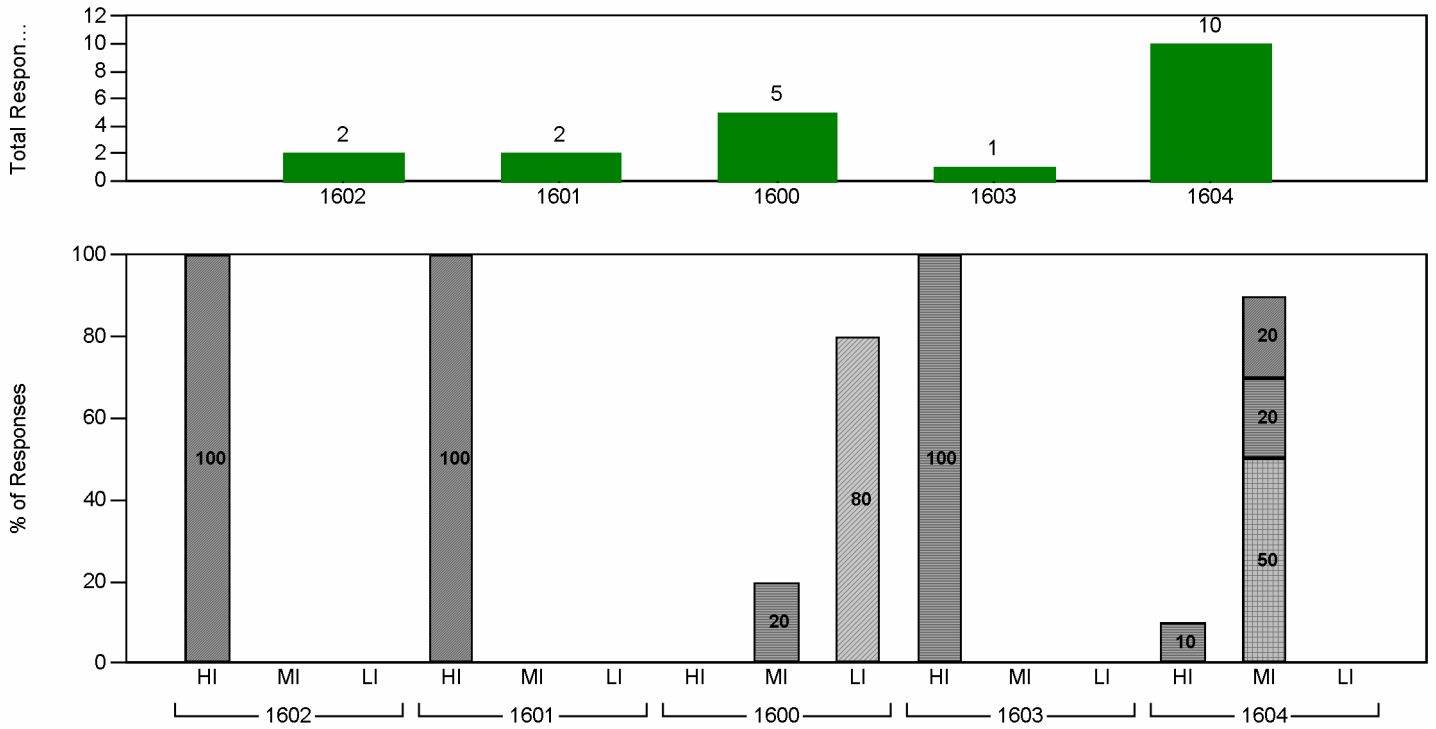
Only one answer possible:

- 1600 Every year
- 1601 Every two years
- 1602 Every three years
- 1603 More than three years
- 1604 Other, specify

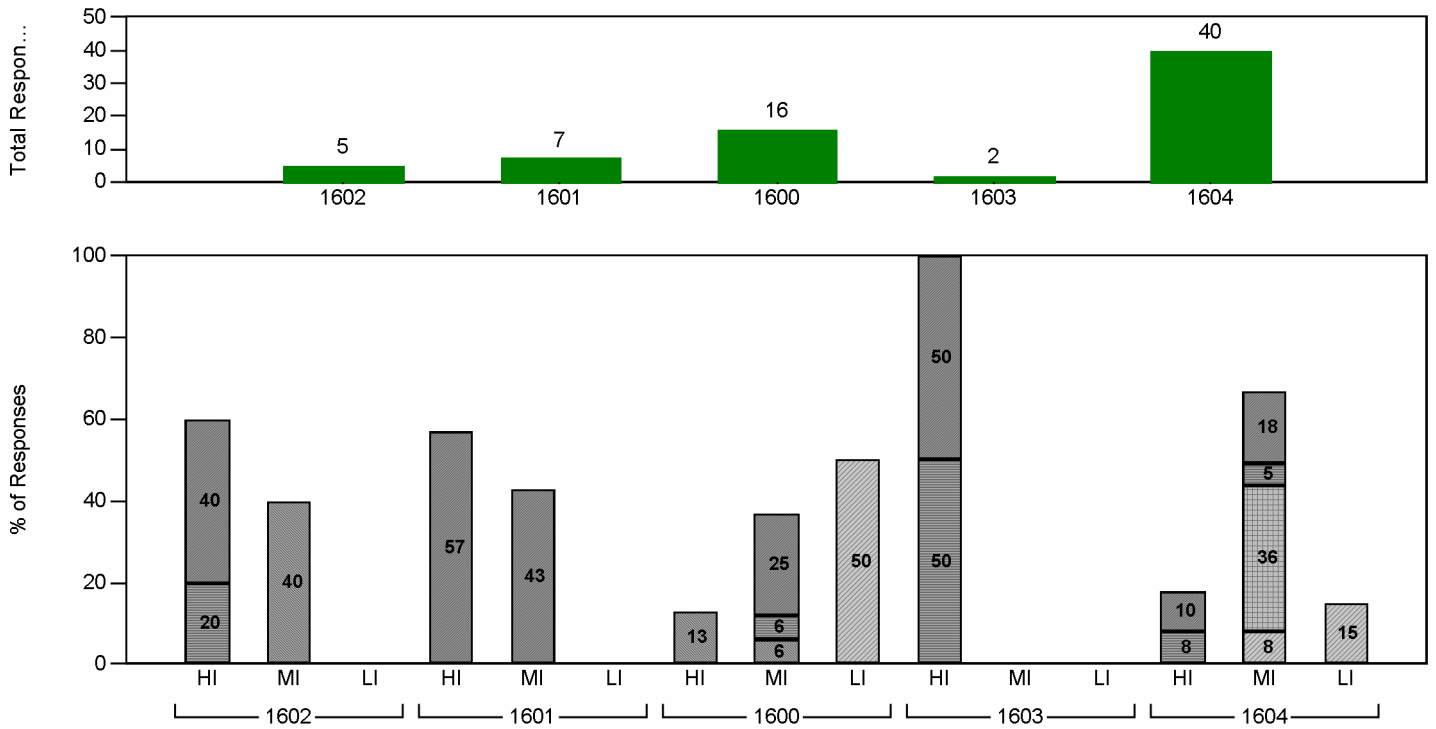
Administration Authorities



Operators



Administration Authorities and Operators



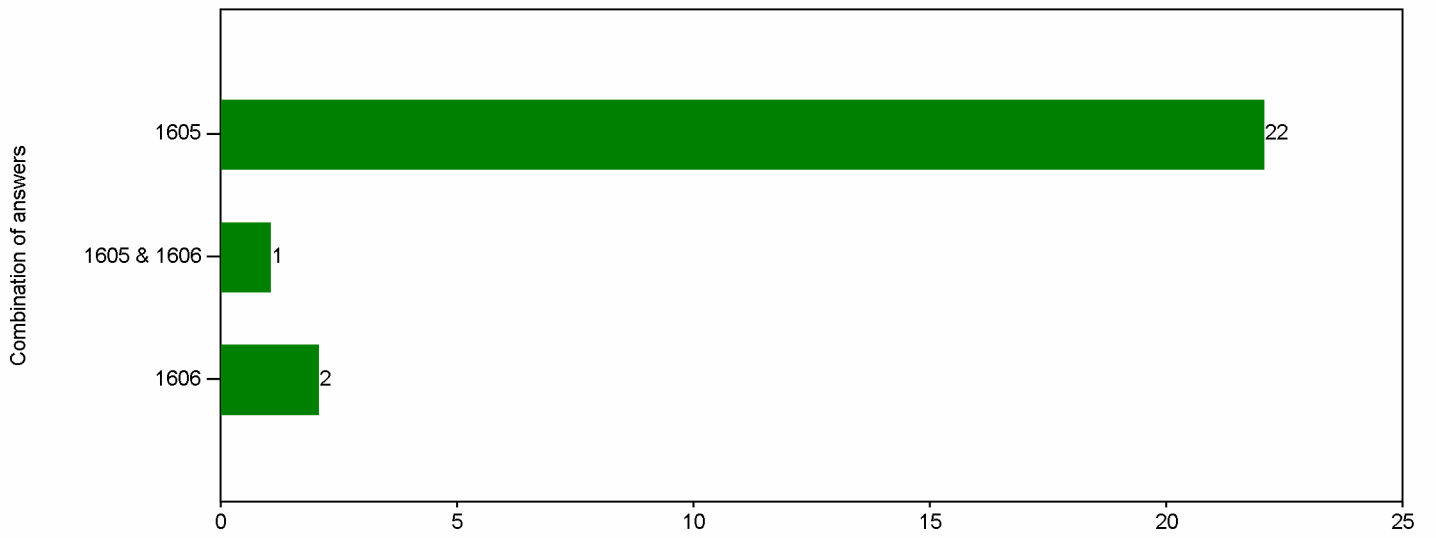
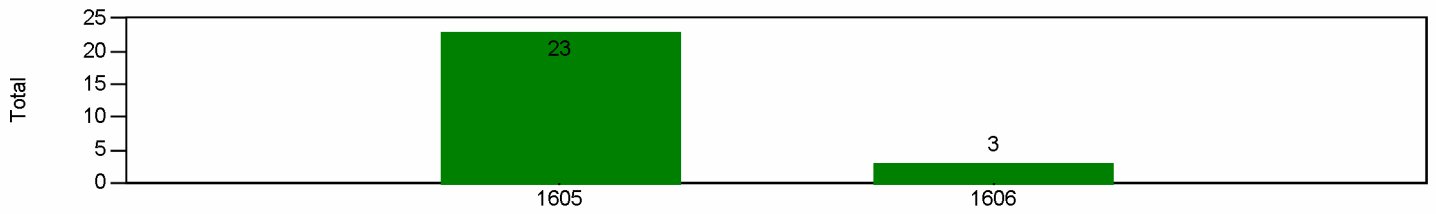
8.10. Have measures been taken to combat abuses of dominant position?

Multiple answers possible:

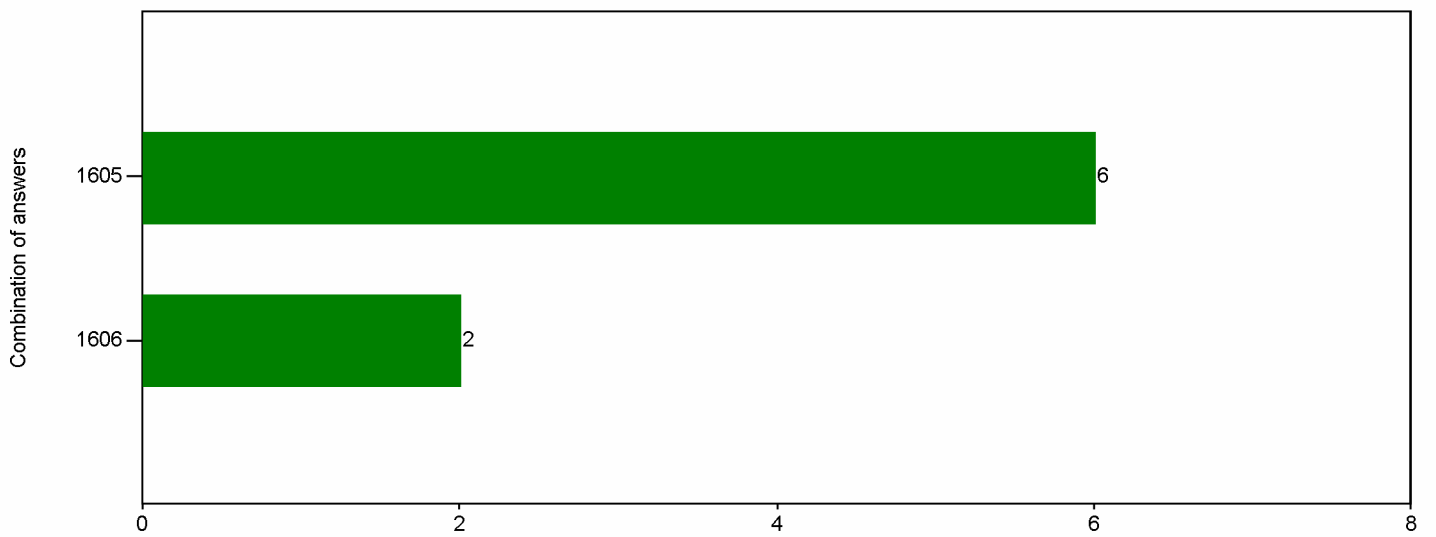
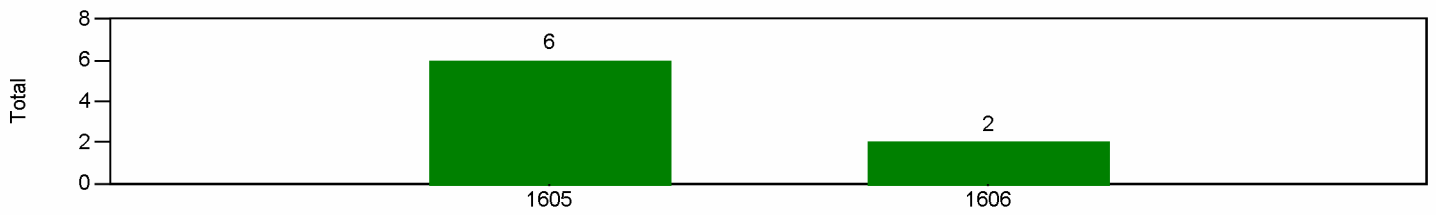
1605 If yes what measures?

1606 If no are any such measures planned?

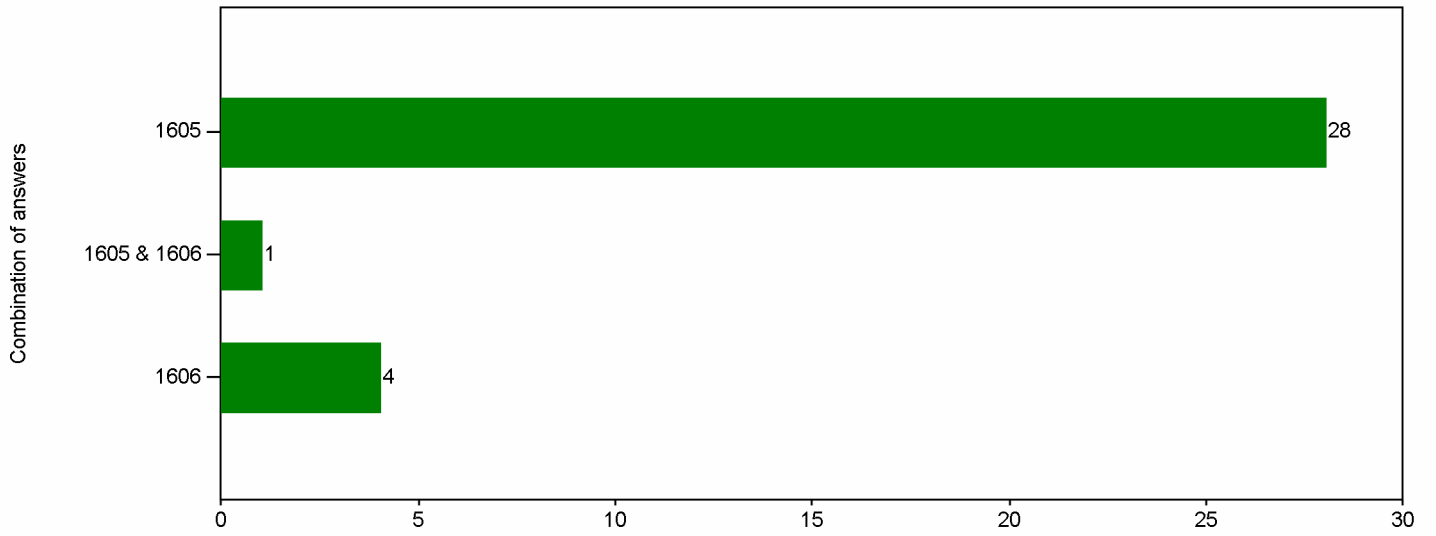
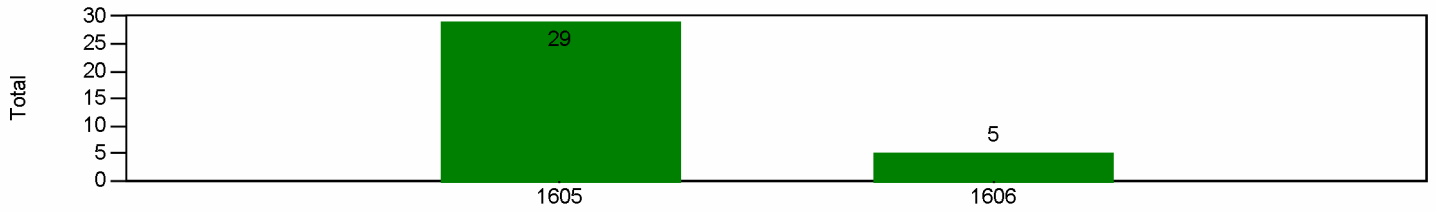
Administration Authorities



Operators



Administration Authorities and Operators



8.11. In what legal instruments (legislation in force) is the concept contained? Where appropriate, please indicate the relevant website.

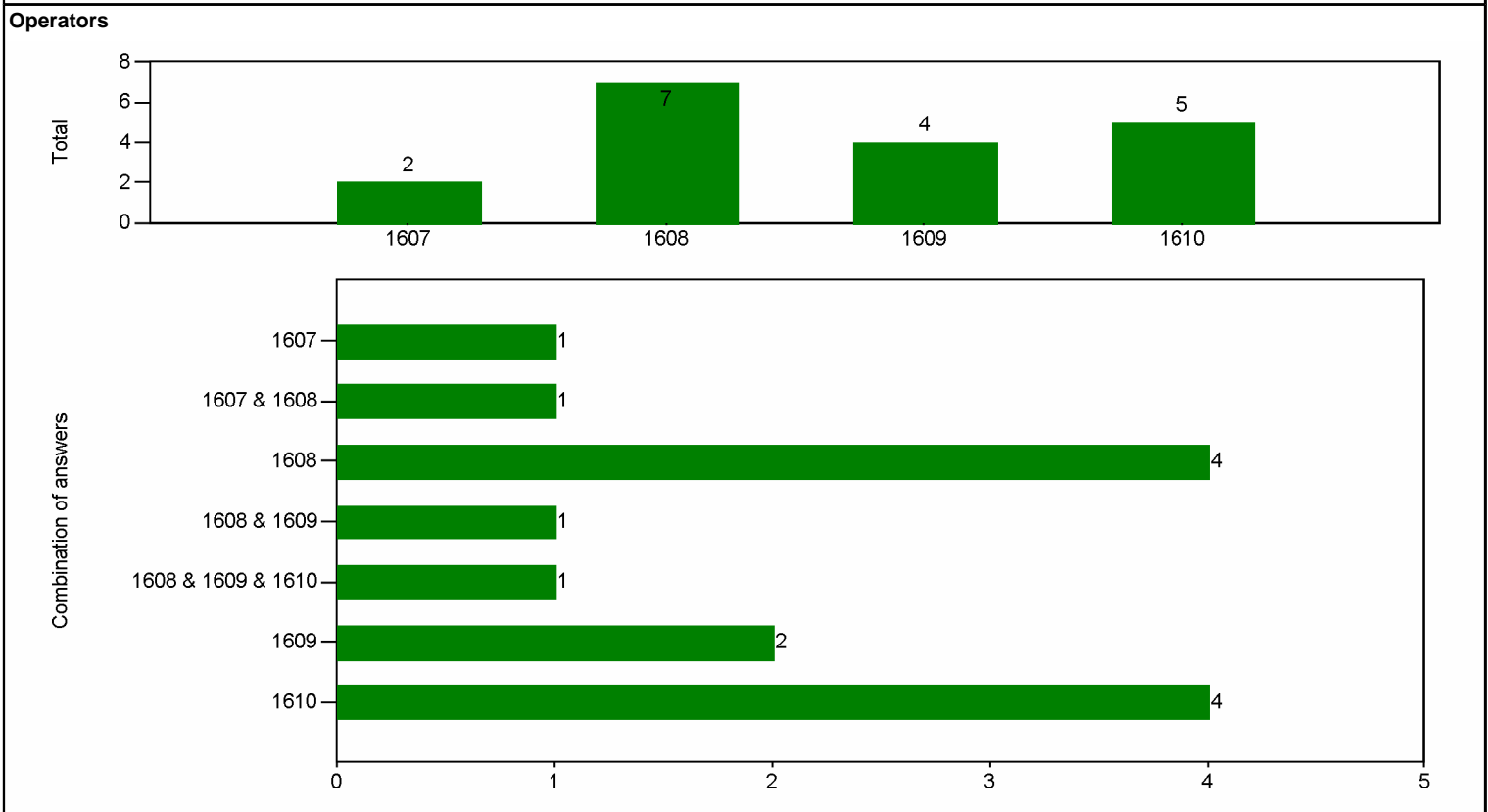
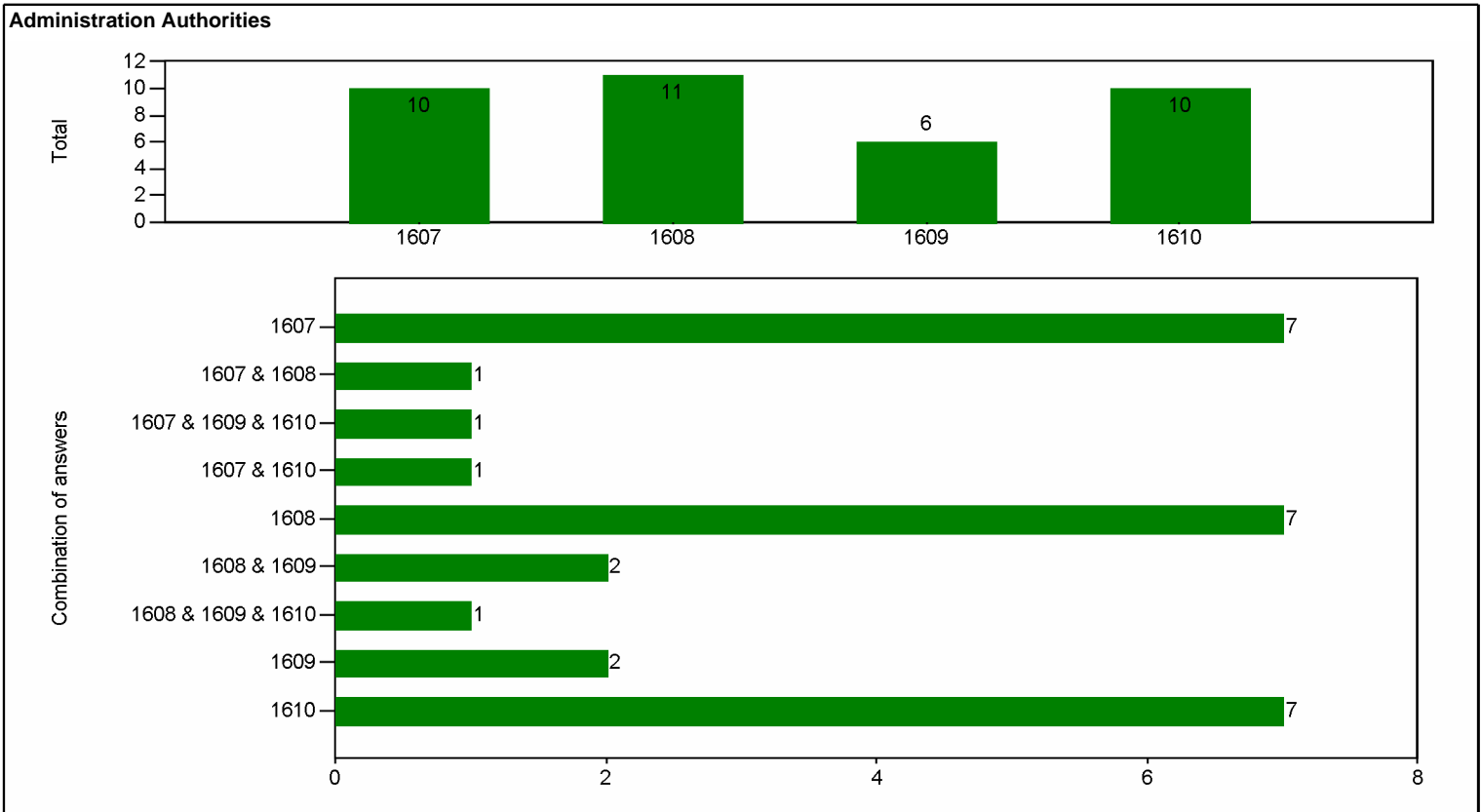
The answers to this question are text based.

9. Next-Generation Networks (NGN)

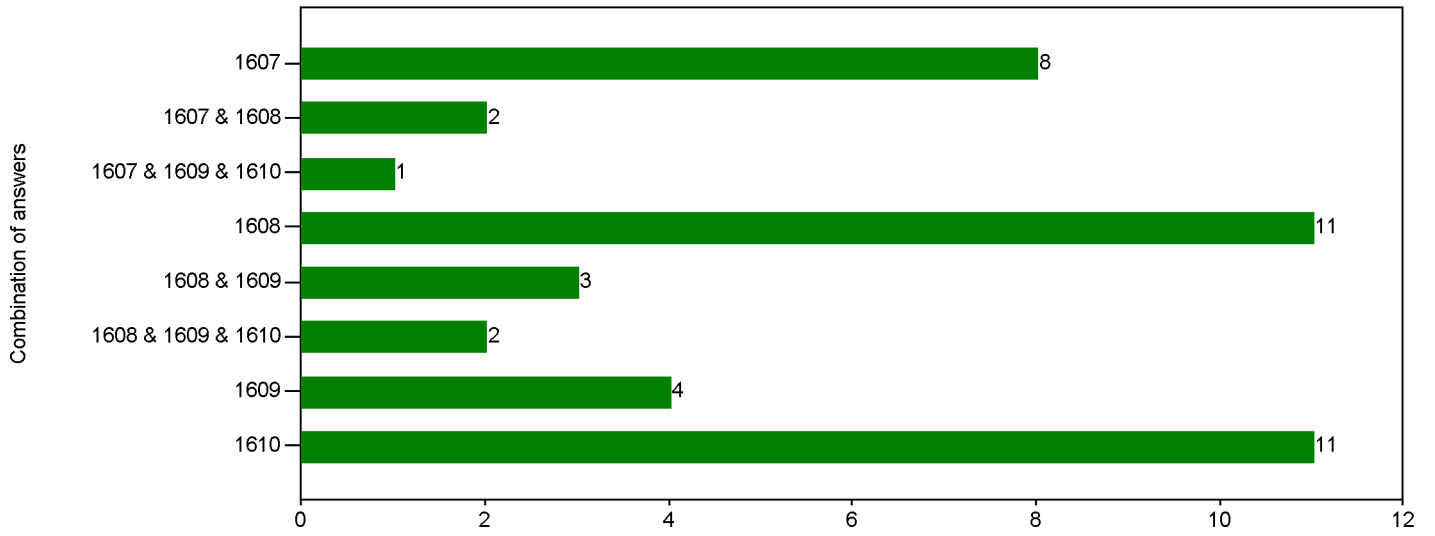
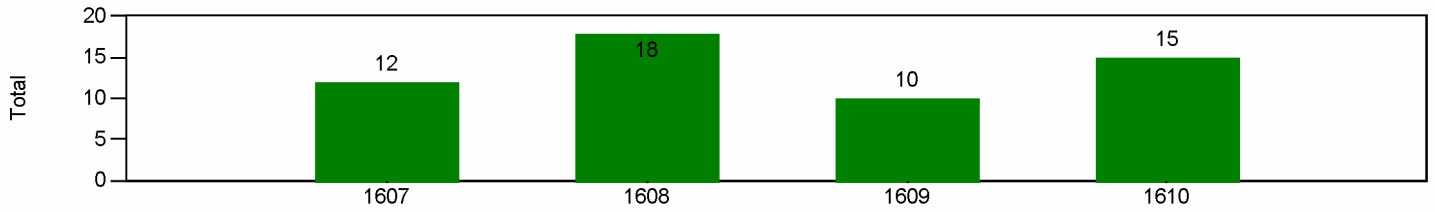
9.1. Are you planning or currently introducing an NGN system? If yes, at what stage are you?

Multiple answers possible:

- 1607 Feasibility study
- 1608 Planning
- 1609 Introduction
- 1610 Implementation



Administration Authorities and Operators



9.2. List the various economic and financial challenges you face in this regard.

The answers to this question are text based.

9.3. How have you overcome these various challenges?

The answers to this question are text based.

9.4. In your country, are there any rules governing amortization of network assets (electronic equipment) in the regulation vis-a-vis tariffs?

Only one answer possible:

1640 Yes

1641 No

If yes, which are they:

Administration Authorities											
Total answer	Region	Yes					No				
		HI	MI	LI	Total		HI	MI	LI	Total	
9	Africa	0	0	2	2	22%	0	0	7	7	78%
1	Arab States	0	0	0	0	0%	0	1	0	1	100%
3	Asia & Pacific	0	0	0	0	0%	2	1	0	3	100%
7	Europe & CIS countries	0	2	0	2	29%	2	3	0	5	71%
4	The Americas	0	1	0	1	25%	0	3	0	3	75%
24					5	21%				19	79%

Operators											
Total answer	Region	Yes					No				
		HI	MI	LI	Total		HI	MI	LI	Total	
1	Africa	0	0	0	0	0%	0	0	0	1	100%
1	Arab States	0	0	0	0	0%	0	0	0	1	100%
5	Asia & Pacific	0	0	0	2	40%	0	0	0	3	60%
3	Europe & CIS countries	0	0	0	1	33%	0	0	0	2	67%
5	The Americas	0	0	0	1	20%	0	0	0	4	80%
15					4	27%				11	73%

Administration Authorities and Operators											
Total answer	Region	Yes					No				
		HI	MI	LI	Total		HI	MI	LI	Total	
10	Africa	0	0	0	2	20%	0	0	0	8	80%
2	Arab States	0	0	0	0	0%	0	0	0	2	100%
8	Asia & Pacific	0	0	0	2	25%	0	0	0	6	75%
10	Europe & CIS countries	0	0	0	3	30%	0	0	0	7	70%
9	The Americas	0	0	0	2	22%	0	0	0	7	78%
39					9	23%				30	77%

9.5. Is there any plan to set amortization rules/revise existing ones?

Only one answer possible:

1642 Yes

1643 No

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
8	Africa	0	0	2	2 25%	0	0	6	6 75%		
1	Arab States	0	1	0	1 100%	0	0	0	0 0%		
3	Asia & Pacific	0	0	0	0 0%	2	1	0	3 100%		
7	Europe & CIS countries	0	0	0	0 0%	2	5	0	7 100%		
4	The Americas	0	1	0	1 25%	0	3	0	3 75%		
23					4 17%				19 83%		

Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
2	Africa	0	0	0	0 0%	0	0	0	2 100%		
1	Arab States	0	0	0	0 0%	0	0	0	1 100%		
3	Asia & Pacific	0	0	0	1 33%	0	0	0	2 67%		
3	Europe & CIS countries	0	0	0	0 0%	0	0	0	3 100%		
5	The Americas	0	0	0	0 0%	0	0	0	5 100%		
14					1 7%				13 93%		

Administration Authorities and Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
10	Africa	0	0	0	2 20%	0	0	0	8 80%		
2	Arab States	0	0	0	1 50%	0	0	0	1 50%		
6	Asia & Pacific	0	0	0	1 17%	0	0	0	5 83%		
10	Europe & CIS countries	0	0	0	0 0%	0	0	0	10 100%		
9	The Americas	0	0	0	1 11%	0	0	0	8 89%		
37					5 14%				32 86%		

9.6. Is high-speed internet access offered in your country?

Only one answer possible:

1644 Yes

1645 No

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
10	Africa	1	1	7	9	90%	0	0	1	1	10%
5	Arab States	2	2	1	5	100%	0	0	0	0	0%
2	Asia & Pacific	2	0	0	2	100%	0	0	0	0	0%
11	Europe & CIS countries	4	7	0	11	100%	0	0	0	0	0%
5	The Americas	0	4	0	4	80%	0	1	0	1	20%
33					31	94%				2	6%

Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
2	Africa	0	0	0	2	100%	0	0	0	0	0%
2	Arab States	0	0	0	1	50%	0	0	0	1	50%
4	Asia & Pacific	0	0	0	3	75%	0	0	0	1	25%
3	Europe & CIS countries	0	0	0	3	100%	0	0	0	0	0%
5	The Americas	0	0	0	5	100%	0	0	0	0	0%
16					14	88%				2	13%

Administration Authorities and Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
12	Africa	0	0	0	11	92%	0	0	0	1	8%
7	Arab States	0	0	0	6	86%	0	0	0	1	14%
6	Asia & Pacific	0	0	0	5	83%	0	0	0	1	17%
14	Europe & CIS countries	0	0	0	14	100%	0	0	0	0	0%
10	The Americas	0	0	0	9	90%	0	0	0	1	10%
49					45	92%				4	8%

9.6.1. If Yes, specify

Multiple answers possible:

1611 Date of introduction :

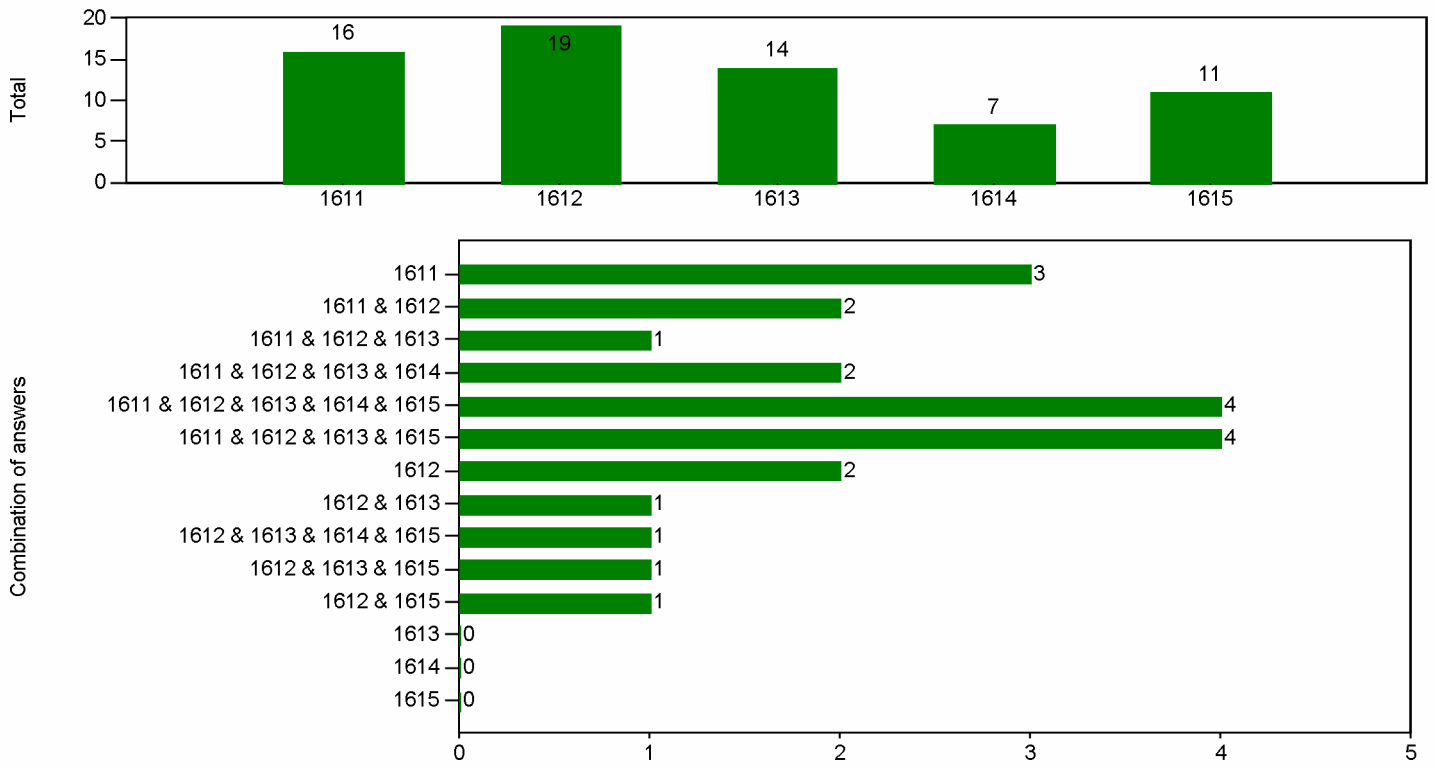
1612 Technologies used :

1613 Current number of users (please enter a number without any Apostrophe or spaces) :

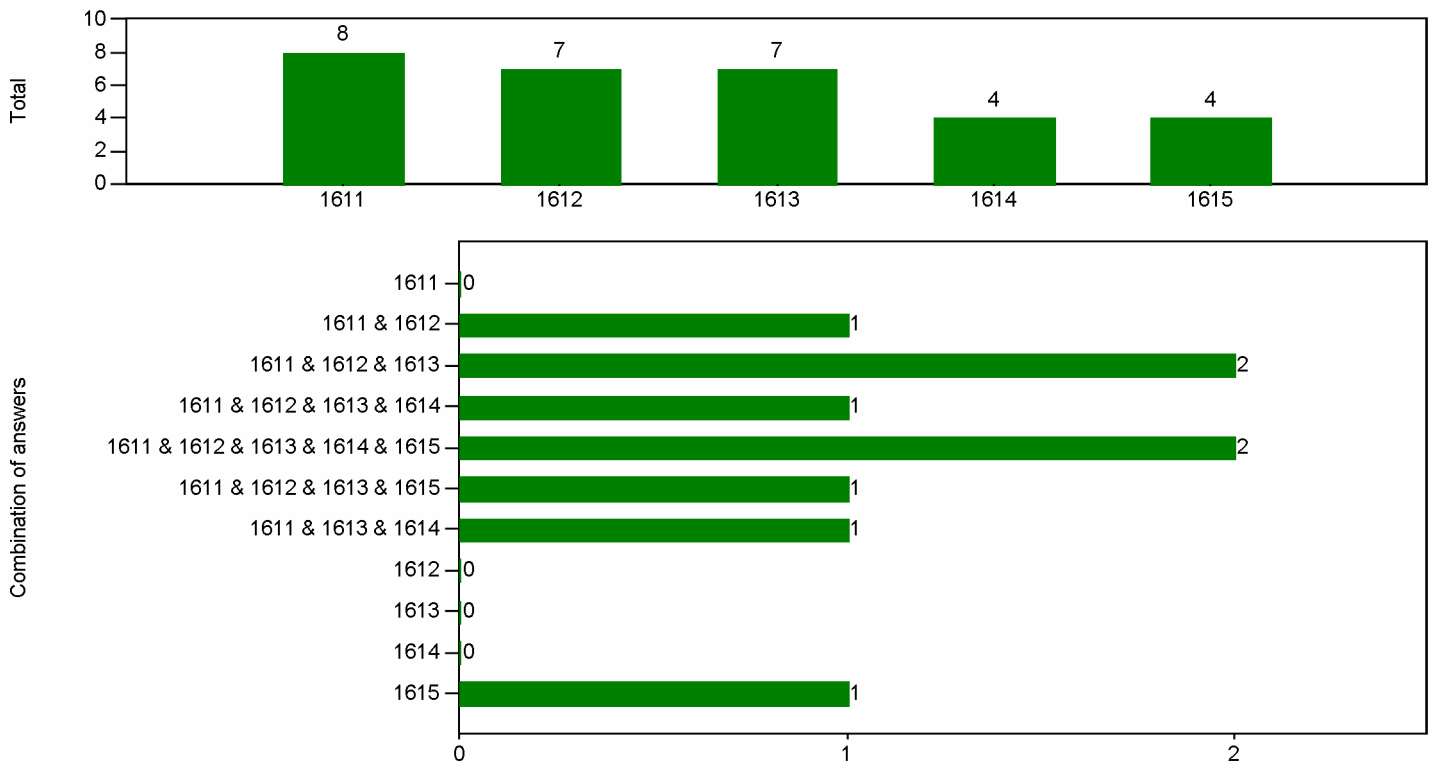
1614 Expected growth rate (number of users) for the next two years (please enter a number without any Apostrophe or spaces) :

1615 What tariff system is applied :

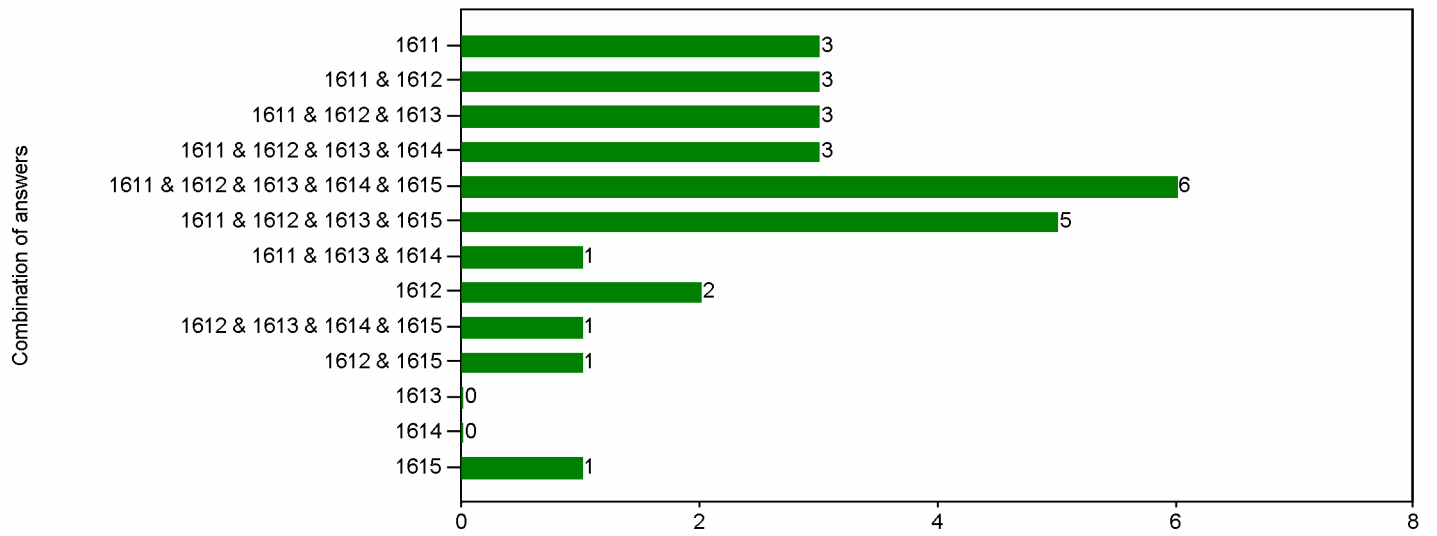
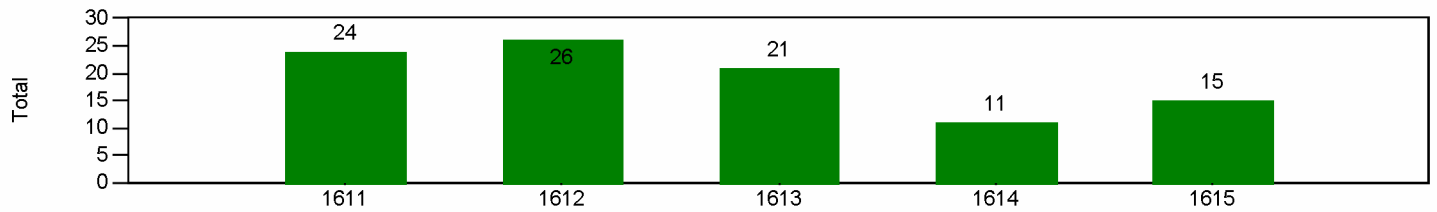
Administration Authorities



Operators



Administration Authorities and Operators



9.6.2. If No, is there any short/medium-term plan?

The answers to this question are text based.

9.7. In your country, is digital radiotelevision multiplex (terrestrial and satellite) offered?

Only one answer possible:

- 1646 Yes
- 1647 No

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
10	Africa	0	0	2	2 20%	0	1	7	8 80%		
2	Arab States	1	0	0	1 50%	0	1	0	1 50%		
2	Asia & Pacific	2	0	0	2 100%	0	0	0	0 0%		
10	Europe & CIS countries	3	4	0	7 70%	0	3	0	3 30%		
5	The Americas	0	0	0	0 0%	0	5	0	5 100%		
29					12 41%				17 59%		

Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
2	Africa	0	0	0	1 50%	0	0	0	1 50%		
0	Arab States	0	0	0	0 0%	0	0	0	0 0%		
4	Asia & Pacific	0	0	0	2 50%	0	0	0	2 50%		
3	Europe & CIS countries	0	0	0	2 67%	0	0	0	1 33%		
5	The Americas	0	0	0	1 20%	0	0	0	4 80%		
14					6 43%				8 57%		

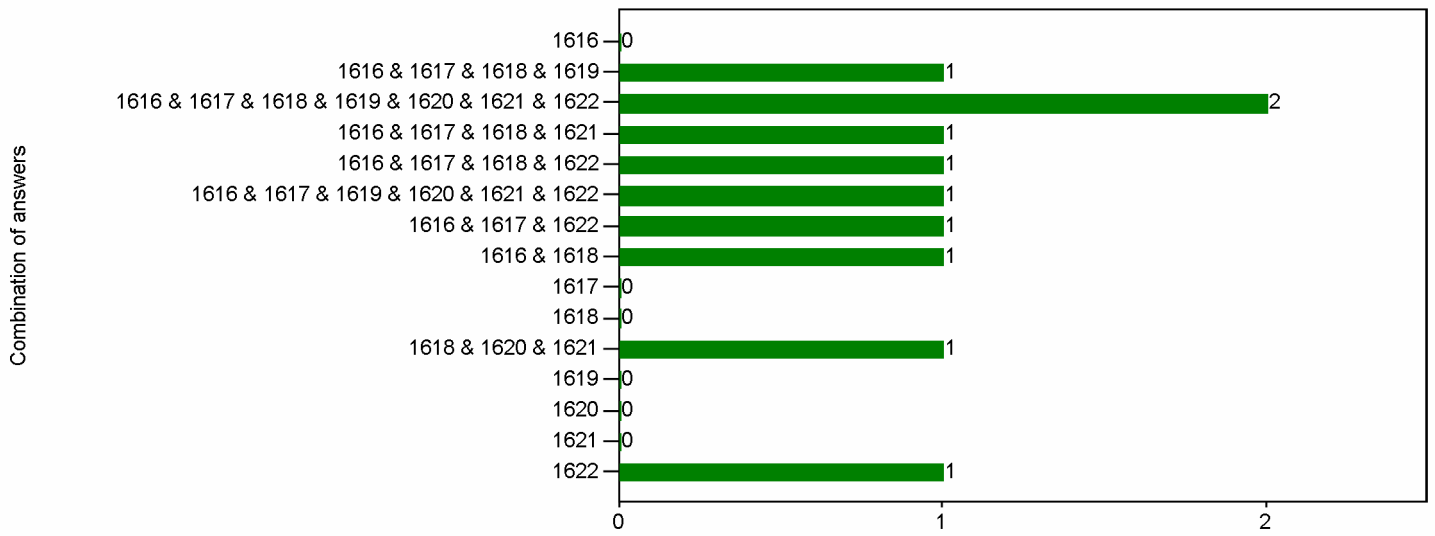
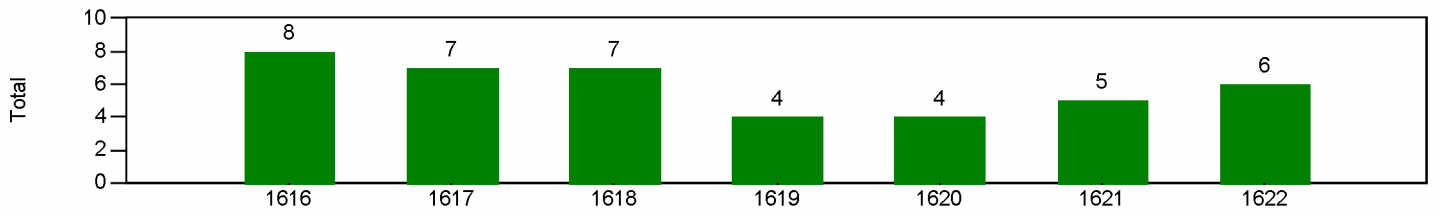
Administration Authorities and Operators											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
12	Africa	0	0	0	3 25%	0	0	0	9 75%		
2	Arab States	0	0	0	1 50%	0	0	0	1 50%		
6	Asia & Pacific	0	0	0	4 67%	0	0	0	2 33%		
13	Europe & CIS countries	0	0	0	9 69%	0	0	0	4 31%		
10	The Americas	0	0	0	1 10%	0	0	0	9 90%		
43					18 42%				25 58%		

9.7.1. If yes, specify

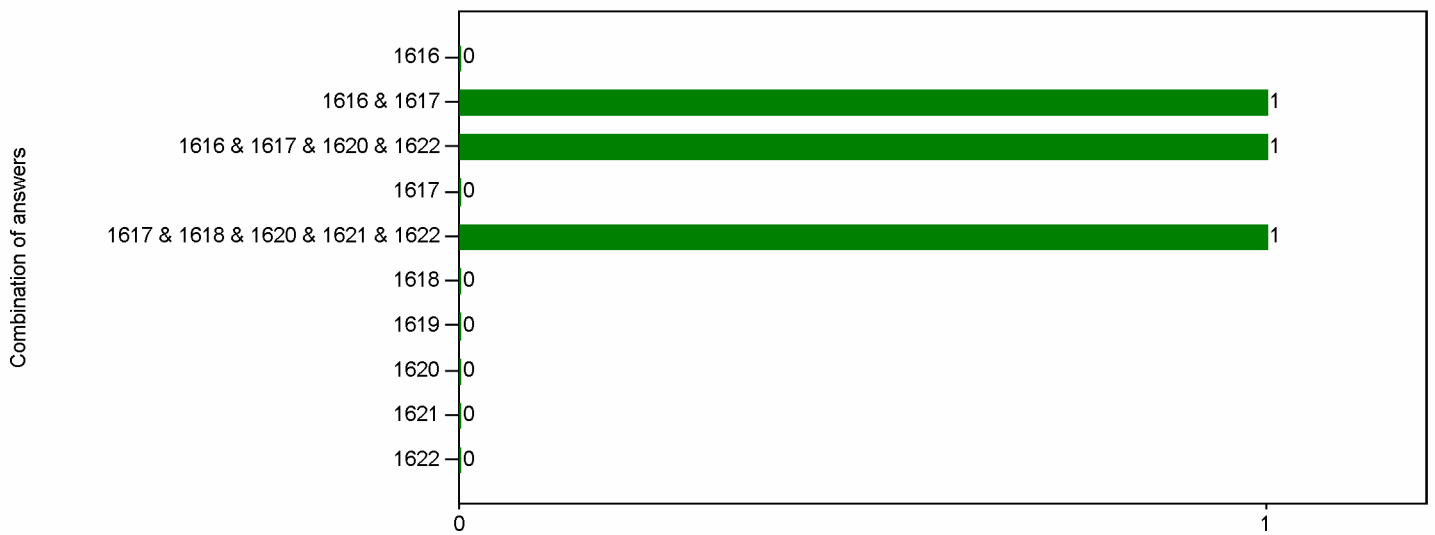
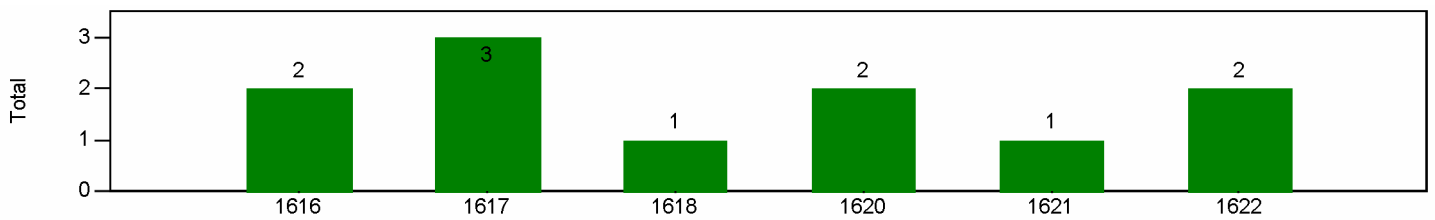
Multiple answers possible:

- 1616 Date of introduction :
- 1617 Technologies used :
- 1618 Current number of users (please enter a number without any Apostrophe or spaces) :
- 1619 Anticipated growth rate (number of users) in the next two years (please enter a number without any Apostrophe or spaces) :
- 1620 Number of pay channels (please enter a number without any Apostrophe or spaces) :
- 1621 Number of free channels (please enter a number without any Apostrophe or spaces) :
- 1622 What tariff system is applied? :

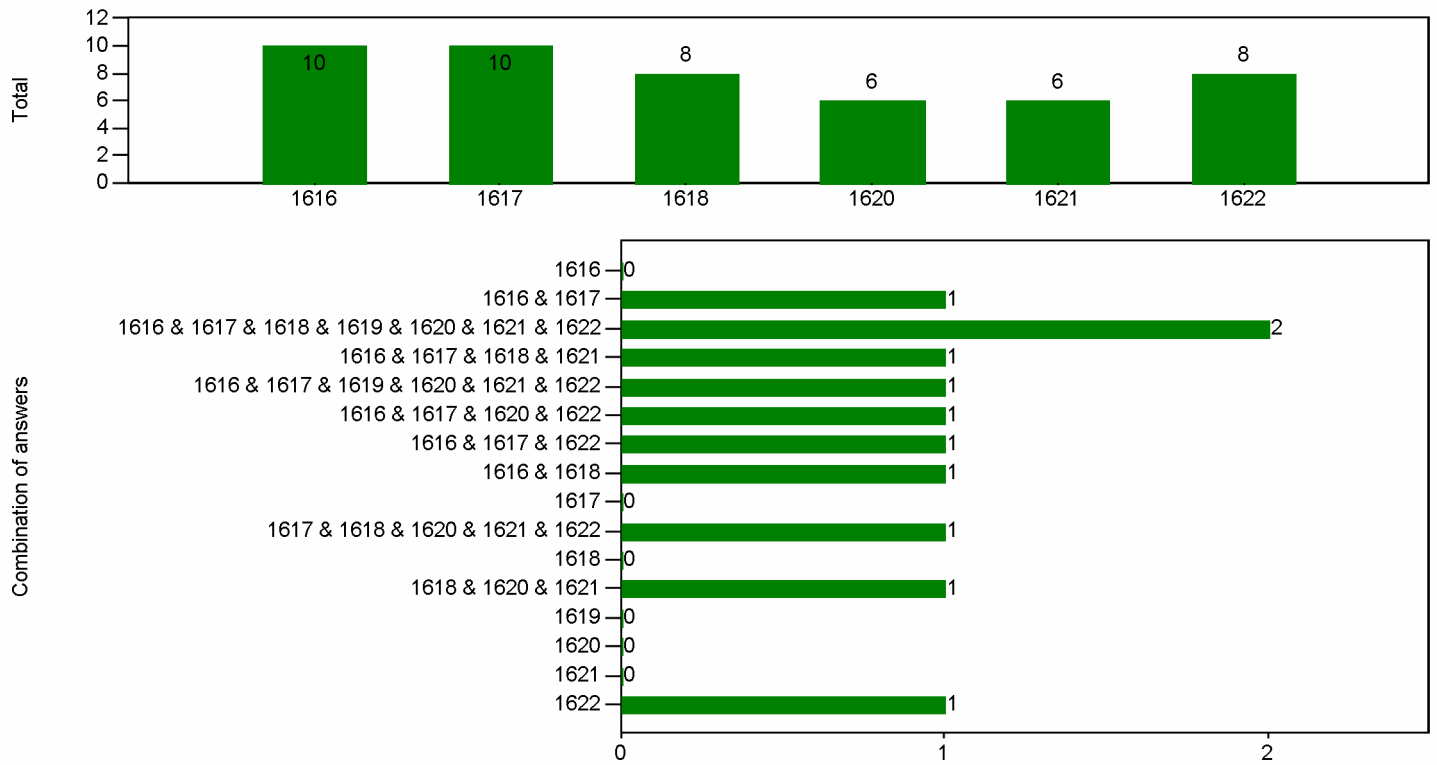
Administration Authorities



Operators



Administration Authorities and Operators

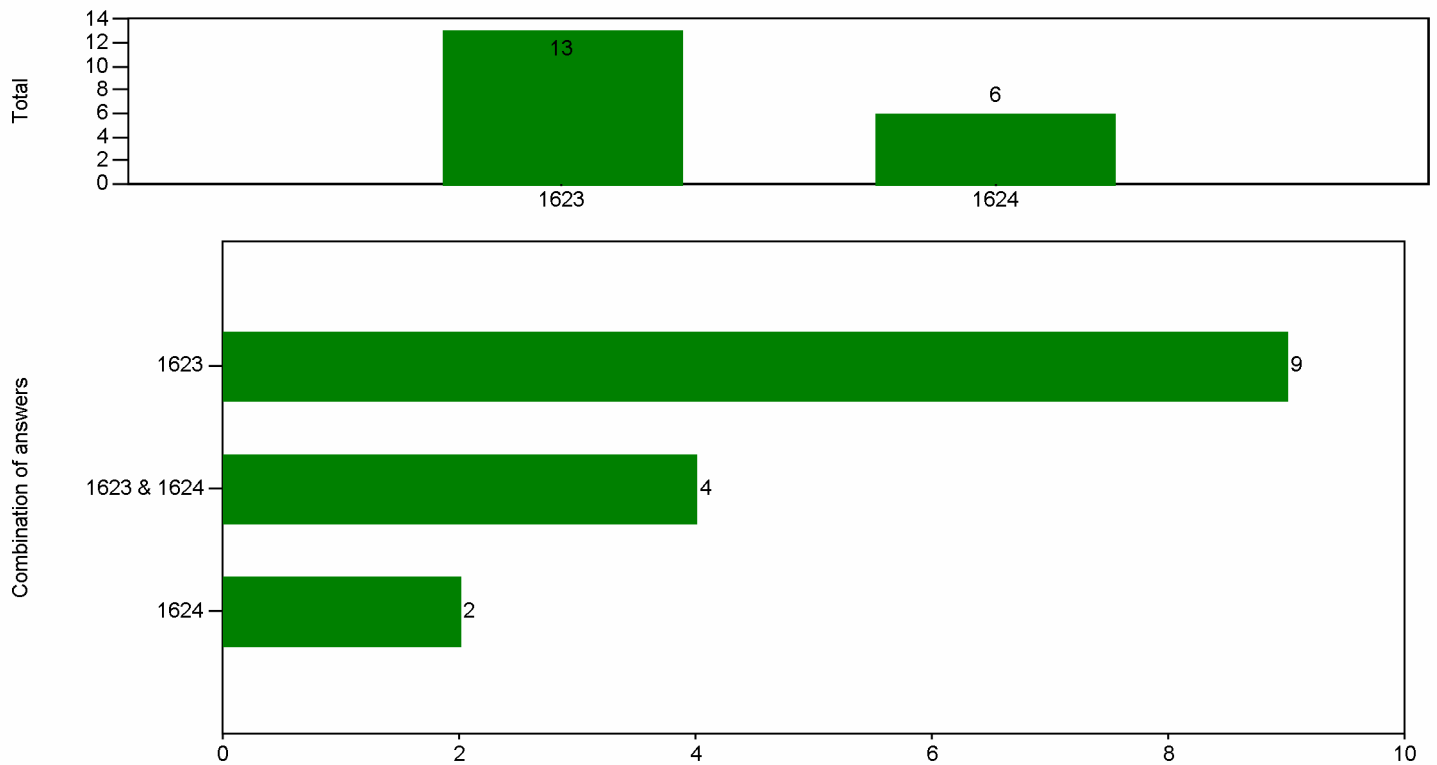


9.8. Is there a fiscal policy or other incentive measures for:

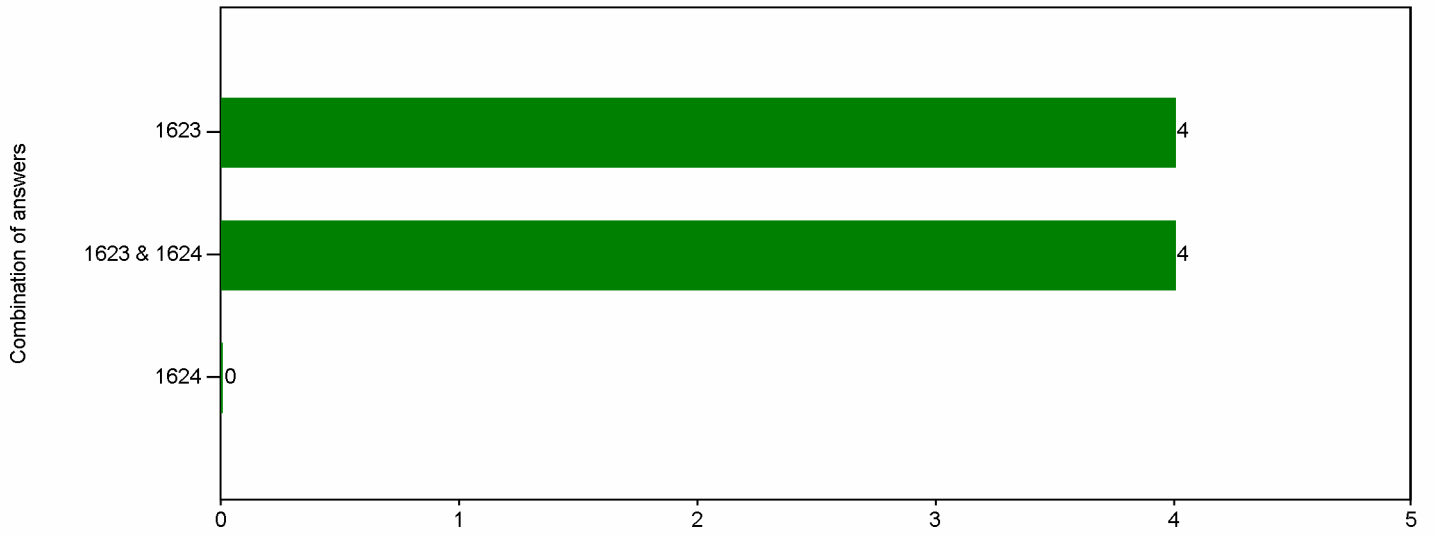
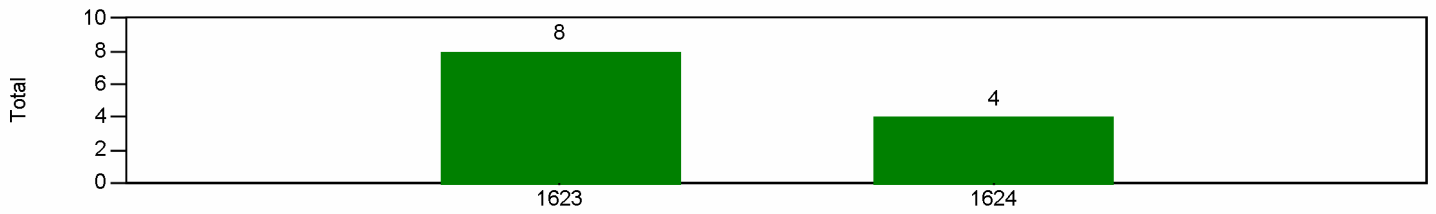
Multiple answers possible:

- 1623 Purchase of computer equipment for users
- 1624 Establishment of access infrastructure

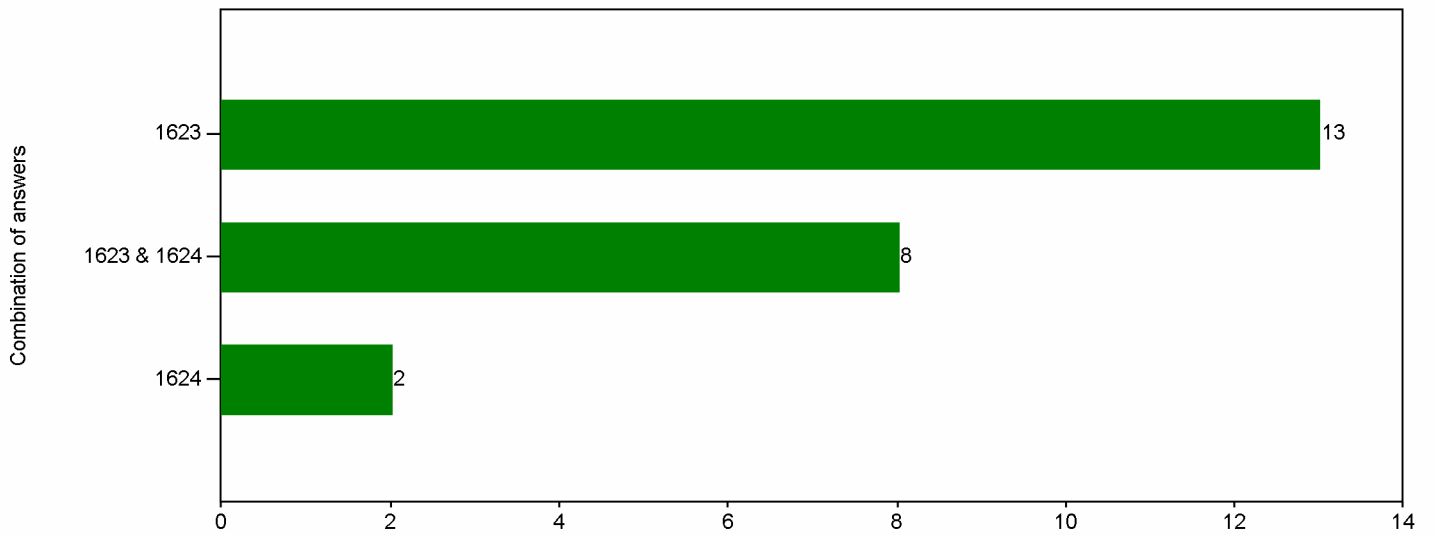
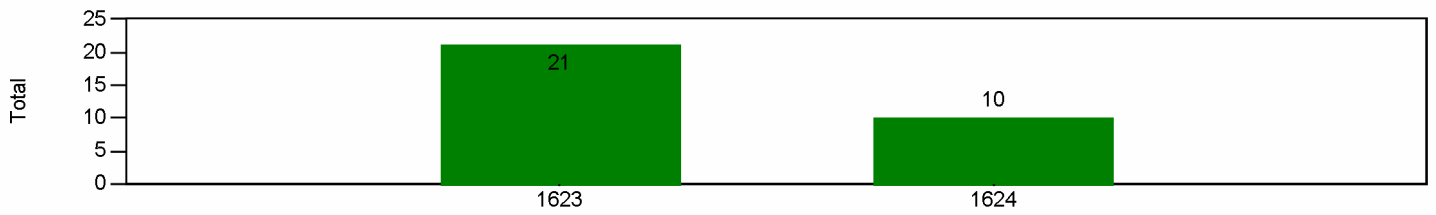
Administration Authorities



Operators



Administration Authorities and Operators



9.9. Is internet access taken into account in the provision of universal service, including tariffs?

Only one answer possible:

1648 Yes

1649 No

Administration Authorities													
Total answer	Region	Yes				No							
		HI	MI	LI	Total	HI	MI	LI	Total	HI	MI	LI	Total
9	Africa	0	1	6	7	78%	0	0	2	2	22%		
3	Arab States	1	2	0	3	100%	0	0	0	0	0%		
3	Asia & Pacific	1	0	0	1	33%	1	1	0	2	67%		
11	Europe & CIS countries	2	4	0	6	55%	2	3	0	5	45%		
6	The Americas	0	3	0	3	50%	0	3	0	3	50%		
32					20	63%				12	38%		

Operators													
Total answer	Region	Yes				No							
		HI	MI	LI	Total	HI	MI	LI	Total	HI	MI	LI	Total
2	Africa	0	0	0	2	100%	0	0	0	0	0%		
0	Arab States	0	0	0	0	0%	0	0	0	0	0%		
5	Asia & Pacific	0	0	0	2	40%	0	0	0	3	60%		
3	Europe & CIS countries	0	0	0	3	100%	0	0	0	0	0%		
3	The Americas	0	0	0	0	0%	0	0	0	3	100%		
13					7	54%				6	46%		

Administration Authorities and Operators													
Total answer	Region	Yes				No							
		HI	MI	LI	Total	HI	MI	LI	Total	HI	MI	LI	Total
11	Africa	0	0	0	9	82%	0	0	0	2	18%		
3	Arab States	0	0	0	3	100%	0	0	0	0	0%		
8	Asia & Pacific	0	0	0	3	38%	0	0	0	5	63%		
14	Europe & CIS countries	0	0	0	9	64%	0	0	0	5	36%		
9	The Americas	0	0	0	3	33%	0	0	0	6	67%		
45					27	60%				18	40%		

9.10. In the case of site-sharing by different operators, what tariff policy is applied?

The answers to this question are text based.

9.11. What cost model is used for charging for new services supported by NGNs?

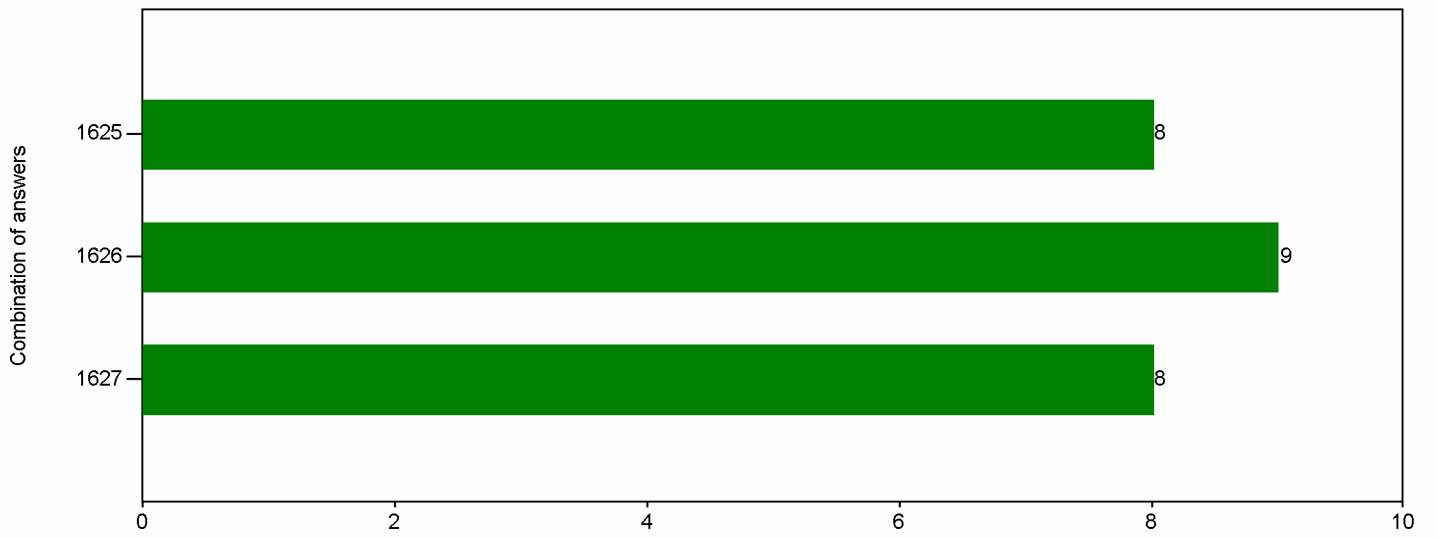
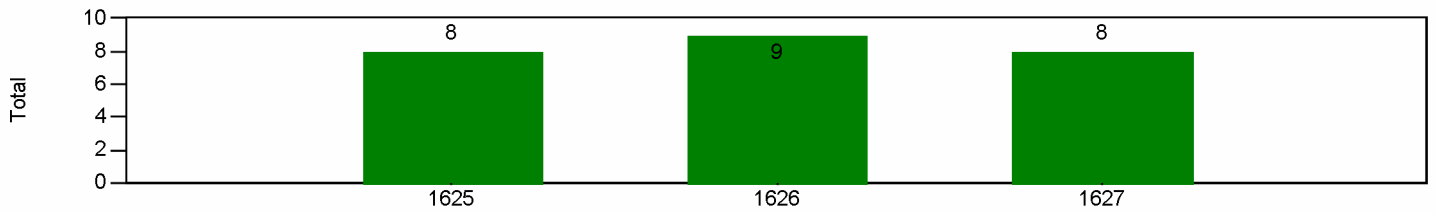
Multiple answers possible:

1625 Same cost model as in the reply to Question 2.2 (If you use a cost-based tariff model, please indicate its type)

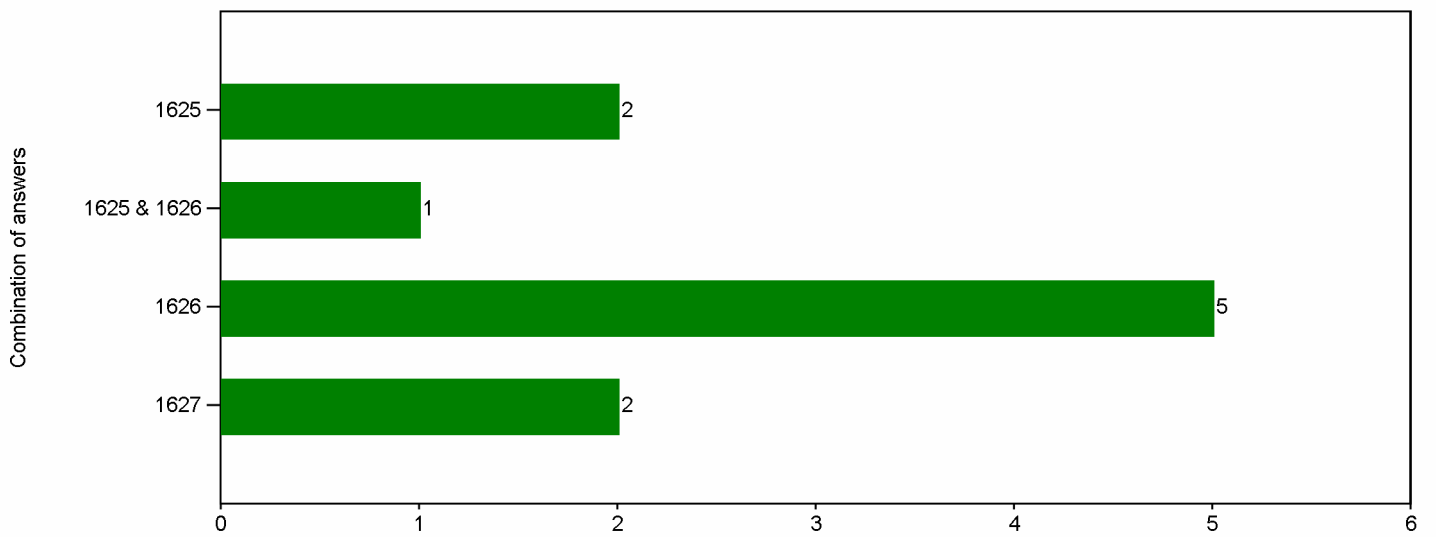
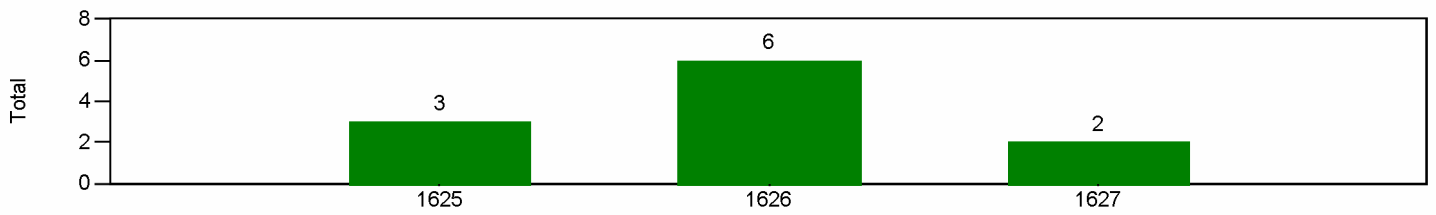
1626 Under development

1627 Other, specify

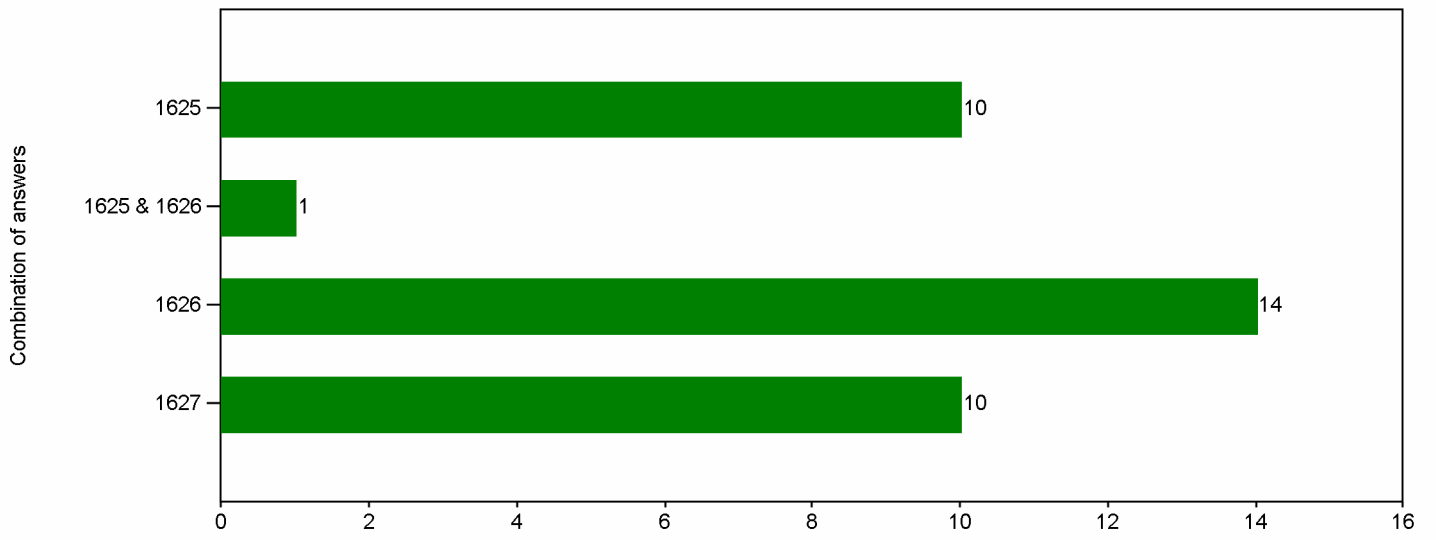
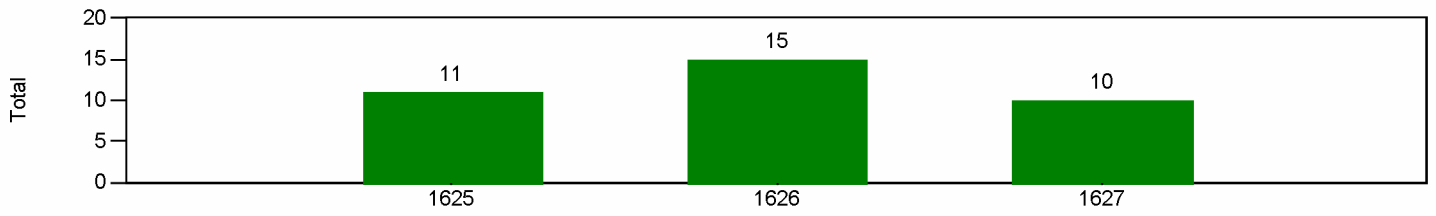
Administration Authorities



Operators



Administration Authorities and Operators



10. Site sharing for terrestrial mobile services

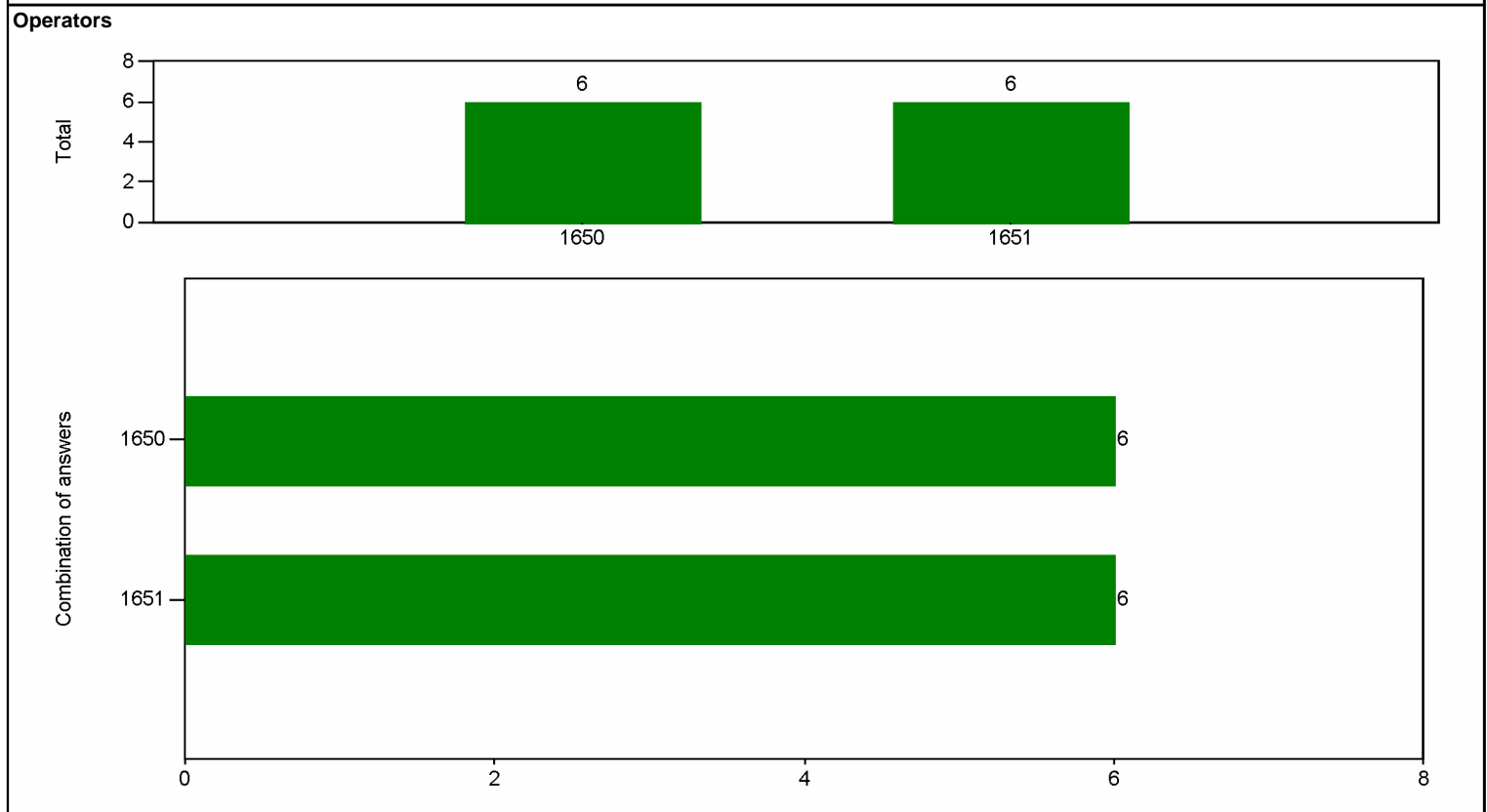
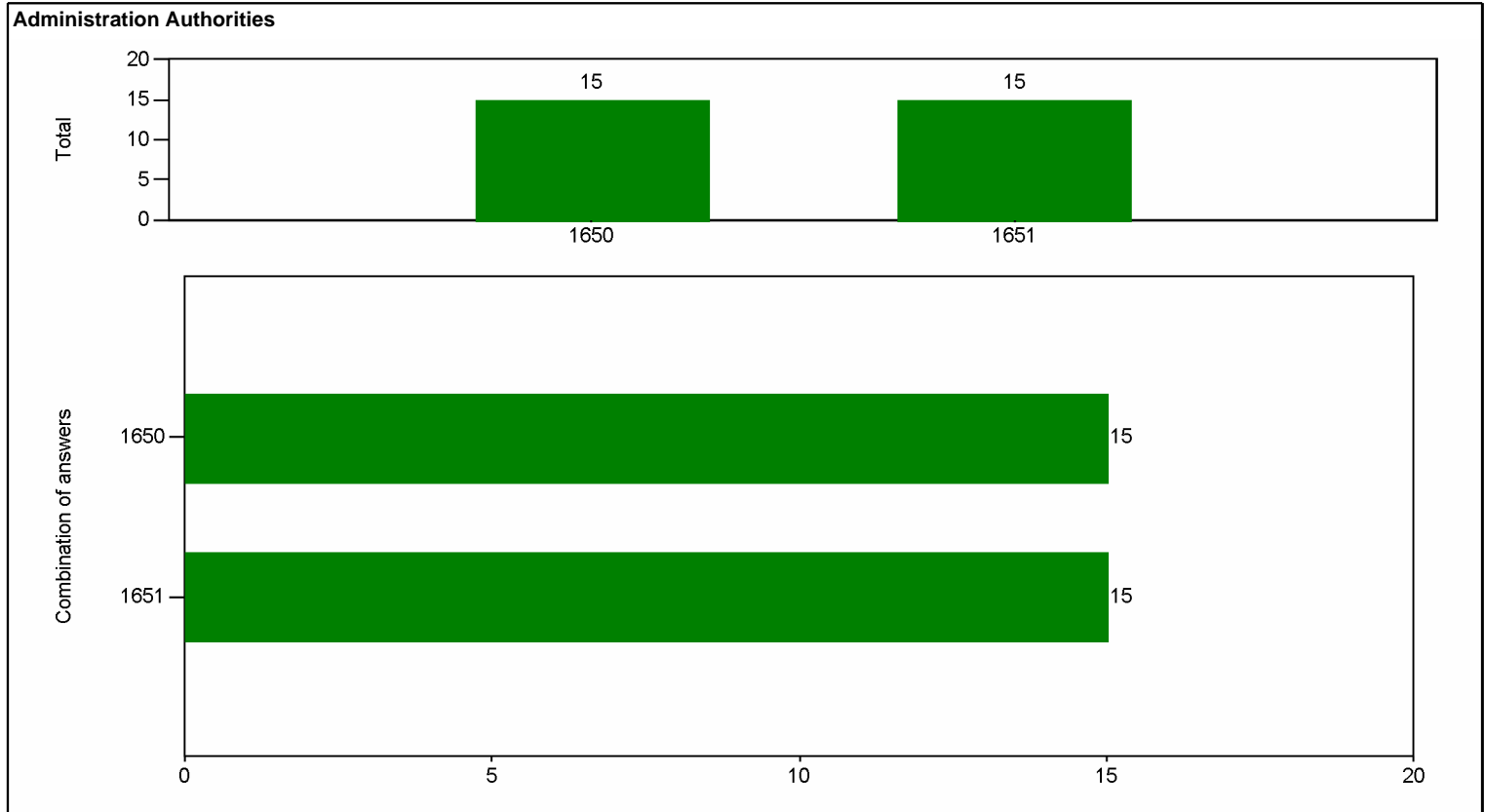
10.1. Do you have experience with site sharing for terrestrial mobile services?

Multiple answers possible:

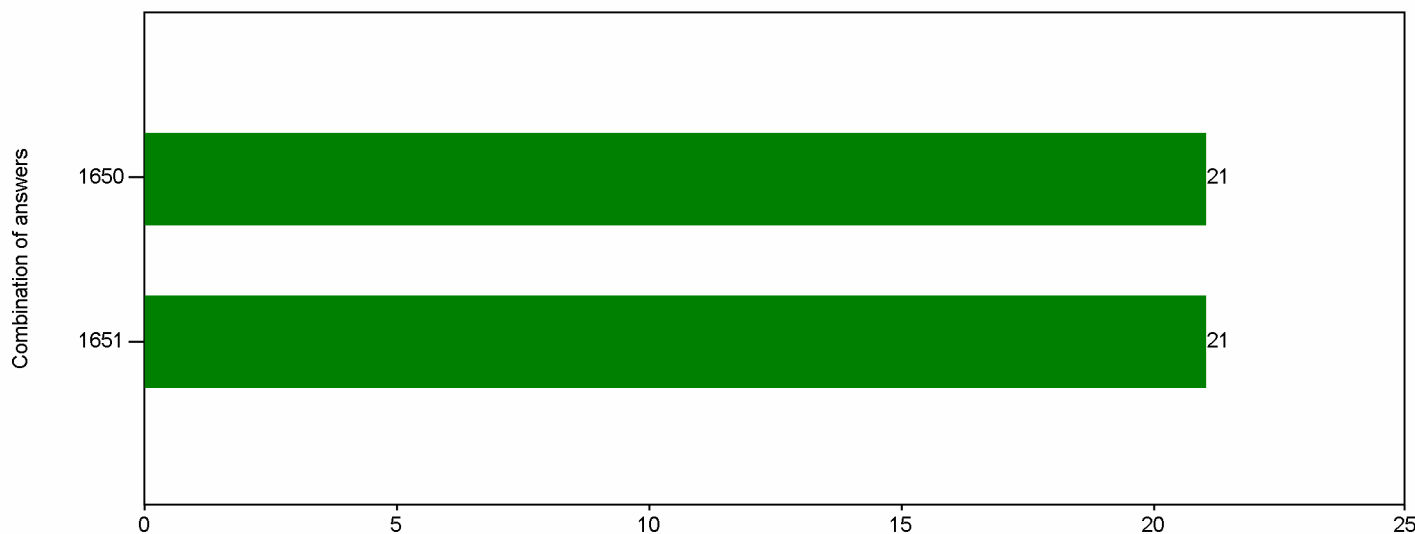
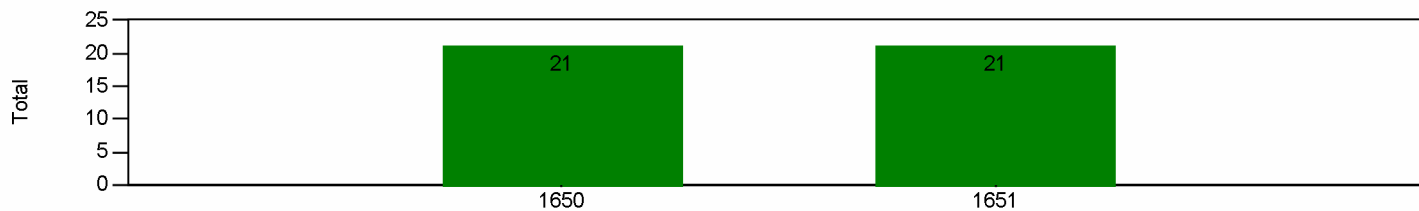
1650 Yes

1651 No

If YES, please provide further details



Administration Authorities and Operators

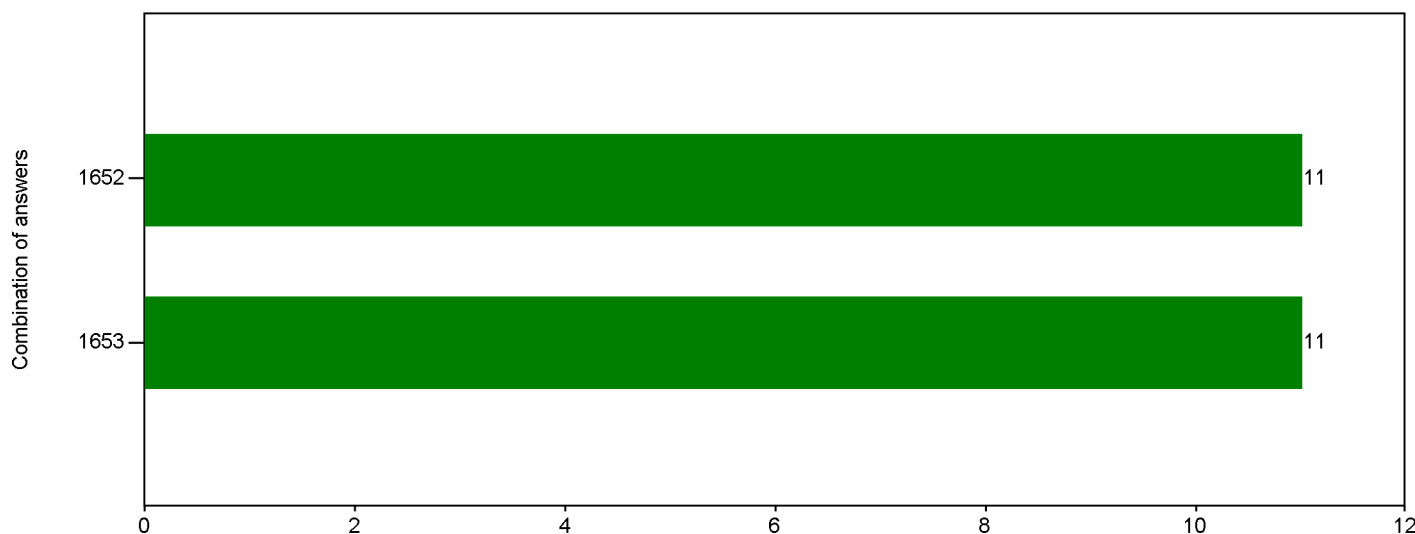
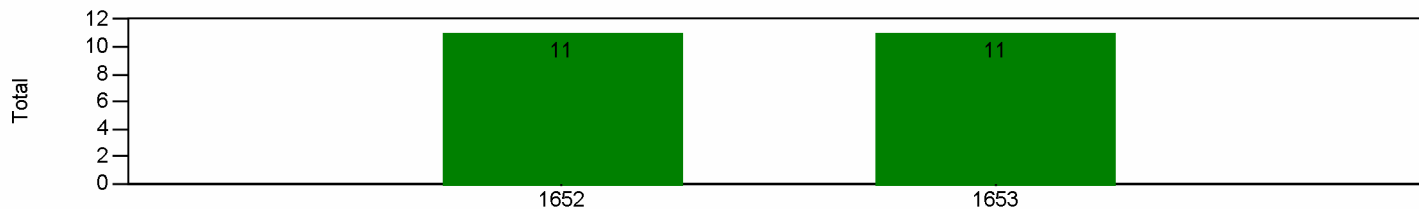


10.2. Is there a regulatory obligation to share sites, or is site sharing agreed directly between the operators of mobile networks?

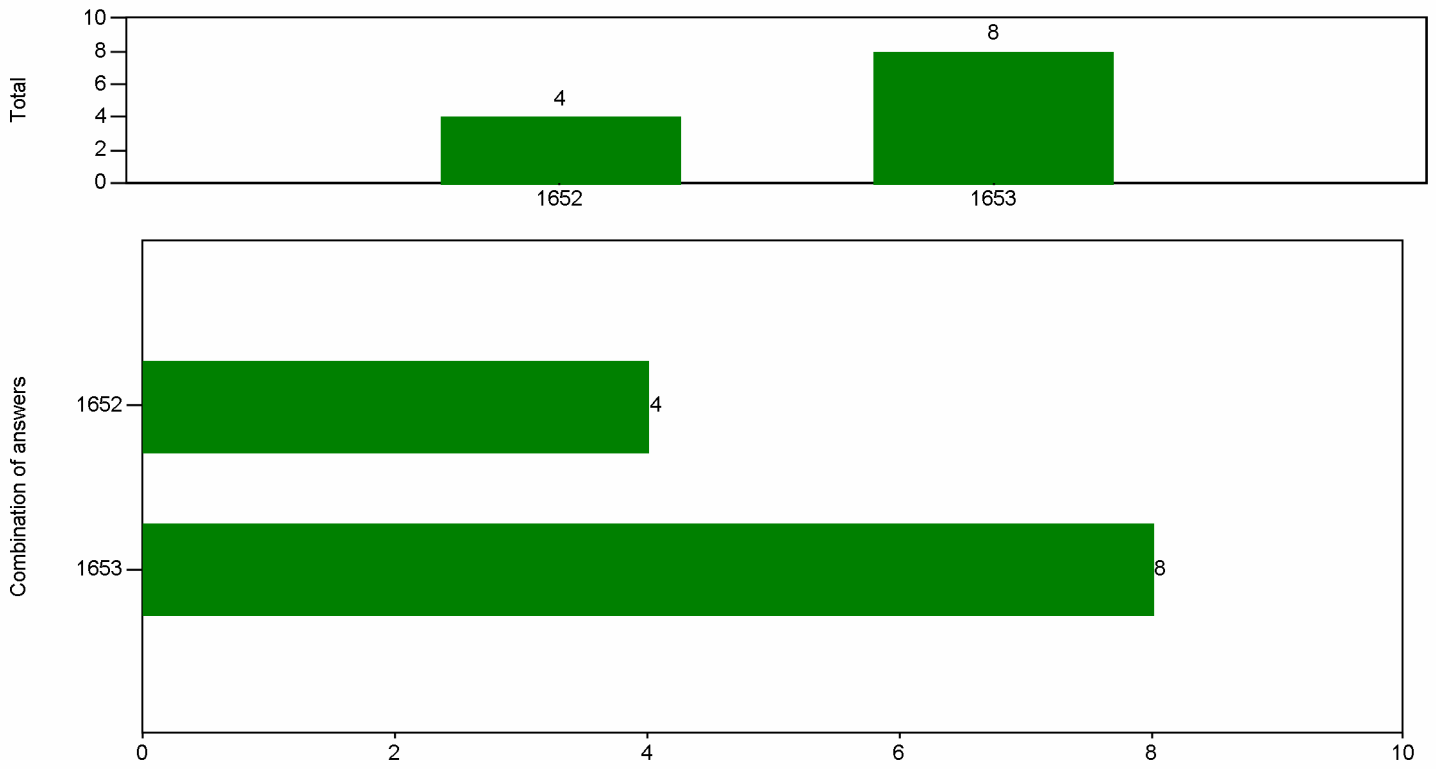
Multiple answers possible:

- 1652 Yes
- 1653 No

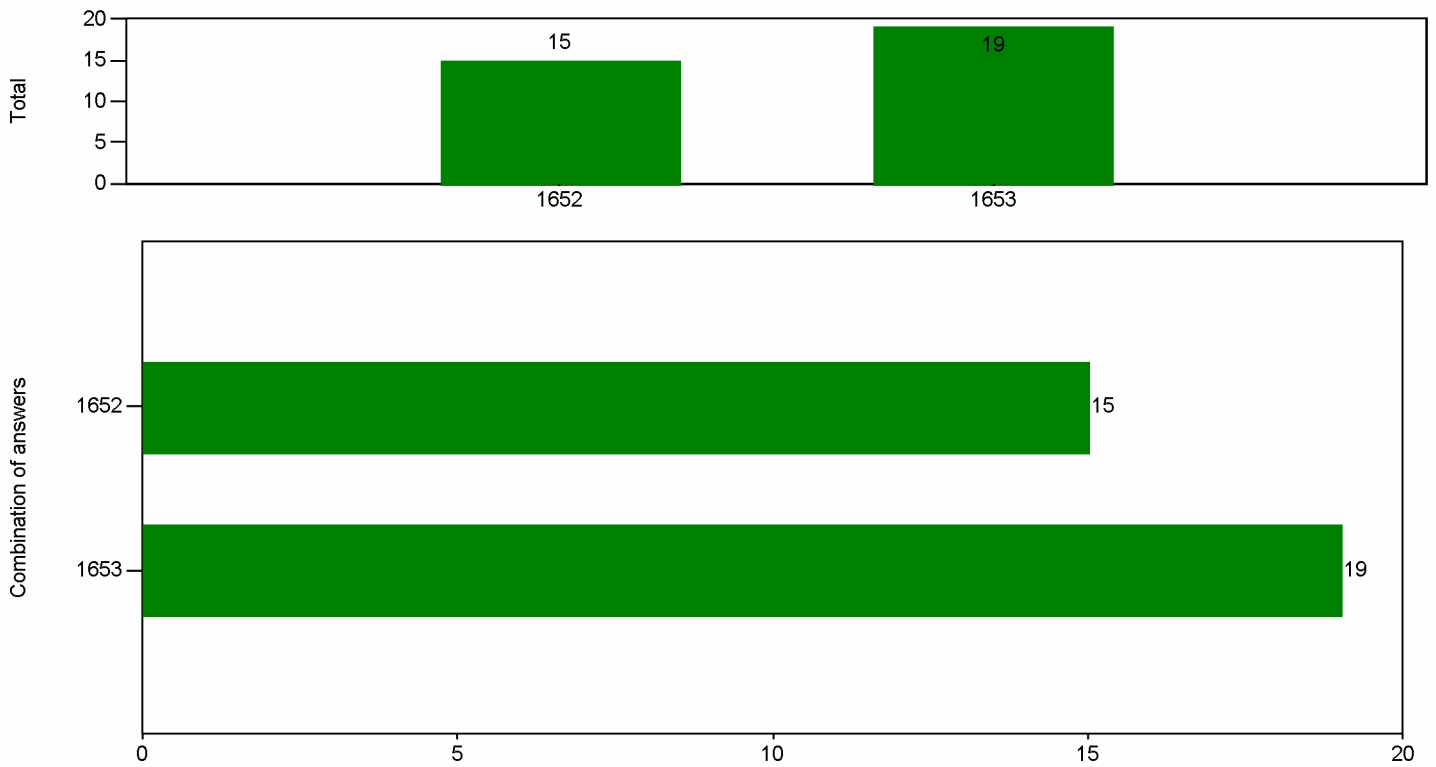
Administration Authorities



Operators



Administration Authorities and Operators

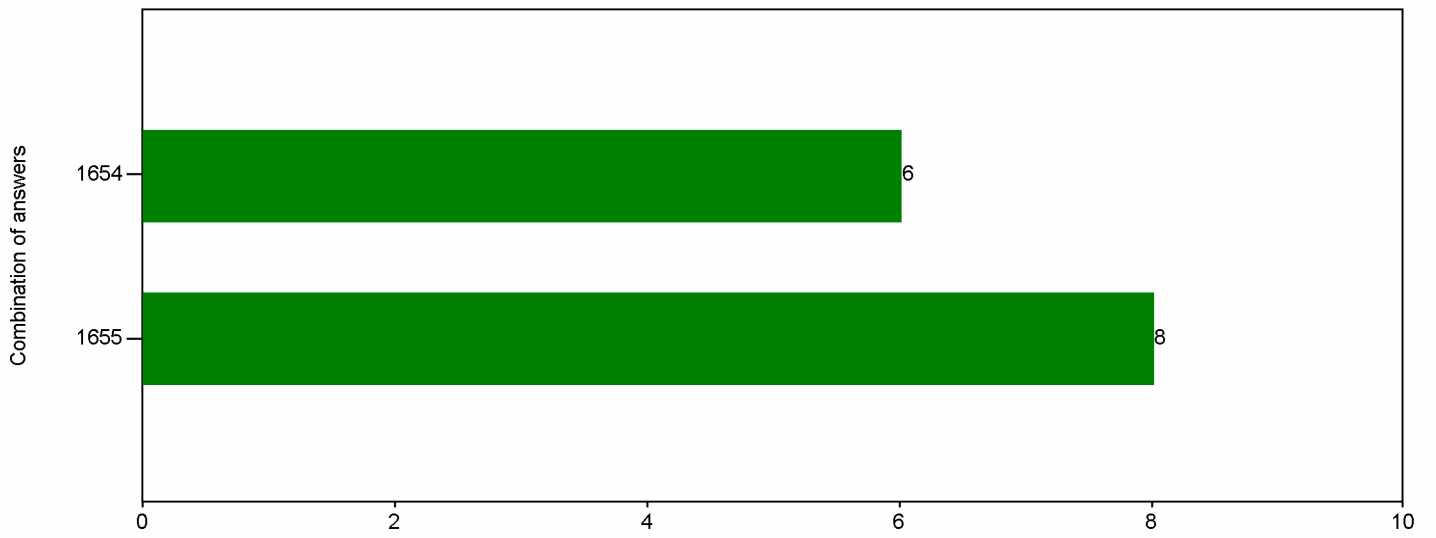
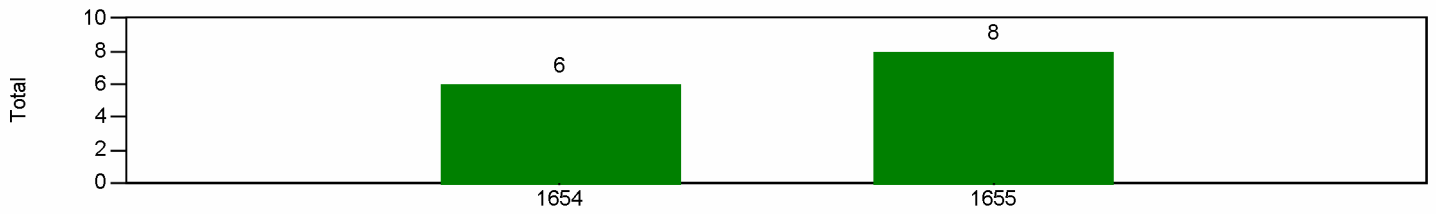


10.3. Are your up-front costs and operating costs lower because of site sharing?

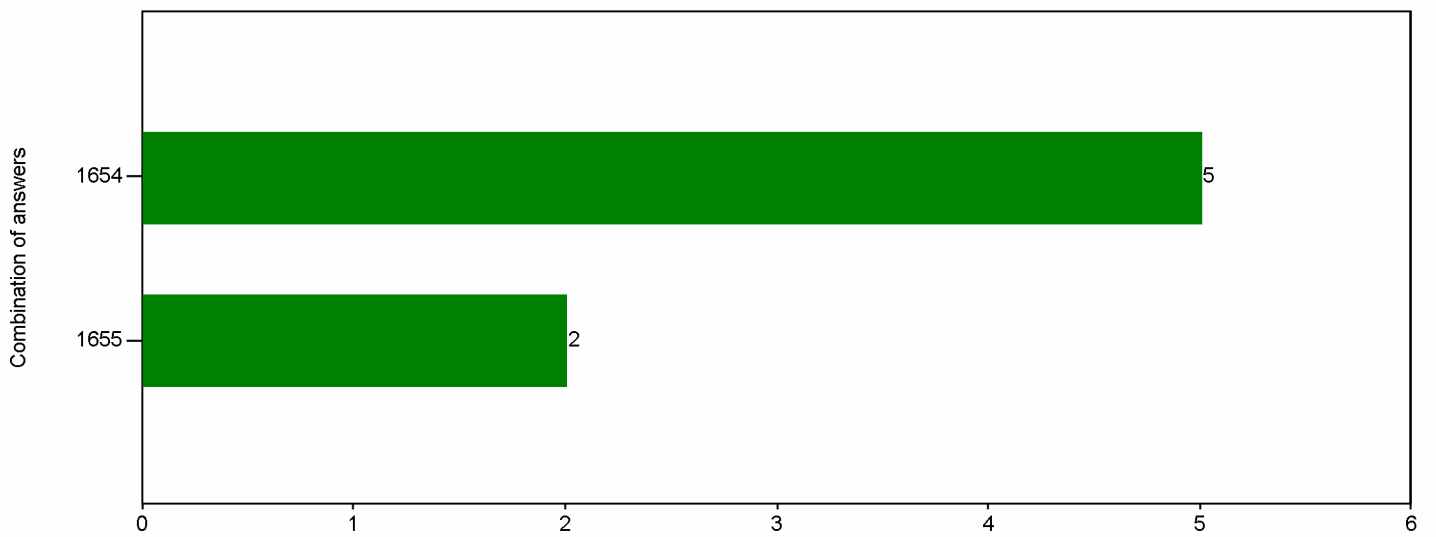
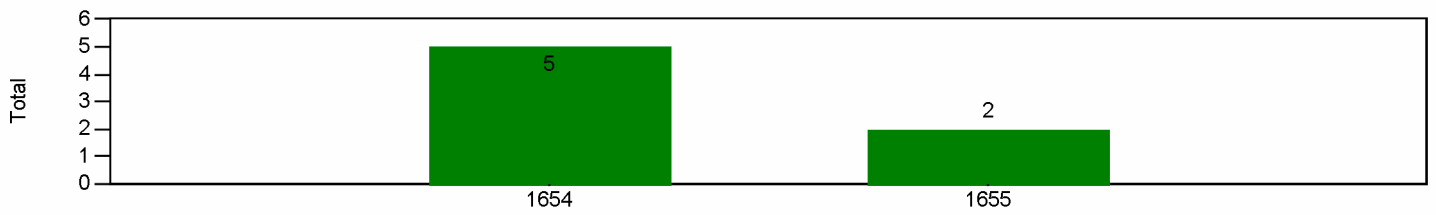
Multiple answers possible:

- 1654 Yes
- 1655 No

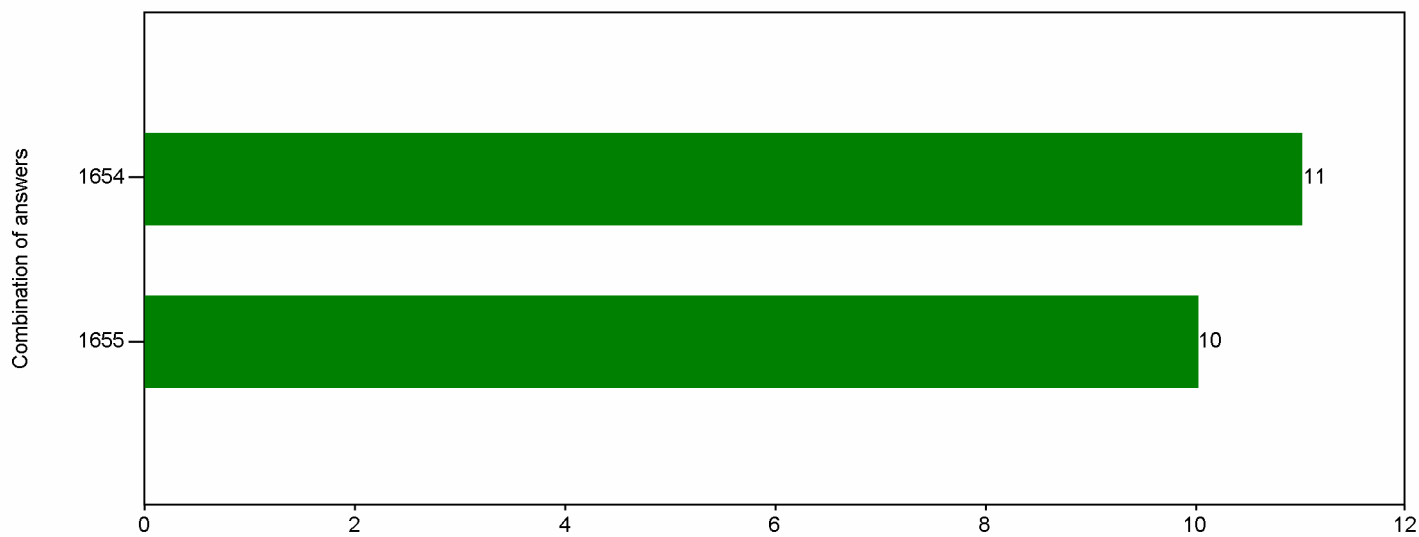
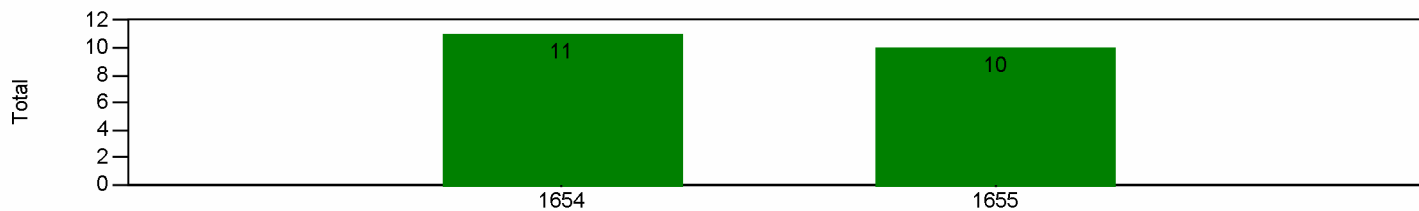
Administration Authorities



Operators



Administration Authorities and Operators



10.4. Do you use this reduction to bring down your total costs, and is it excluded from the calculation of the cost of telecommunication services?

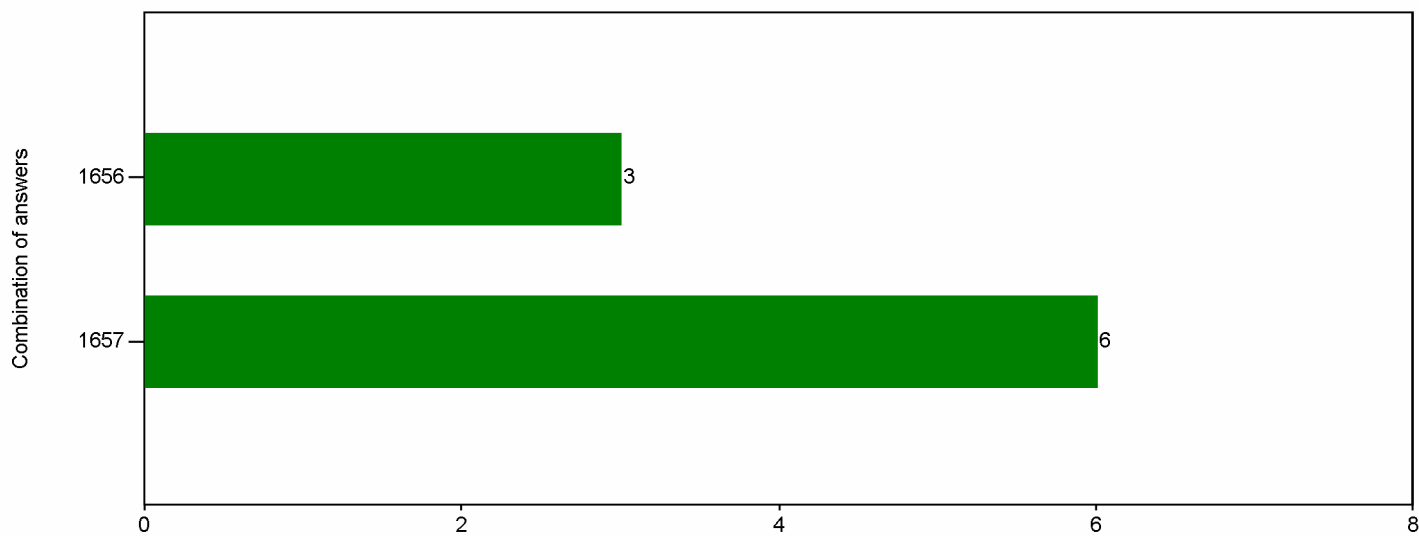
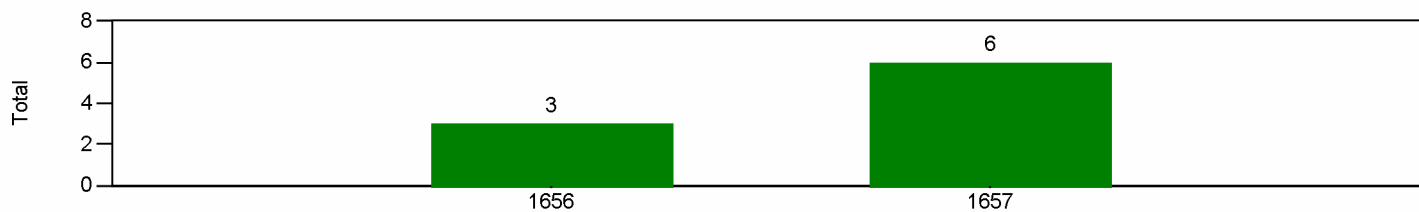
Multiple answers possible:

1656 Yes

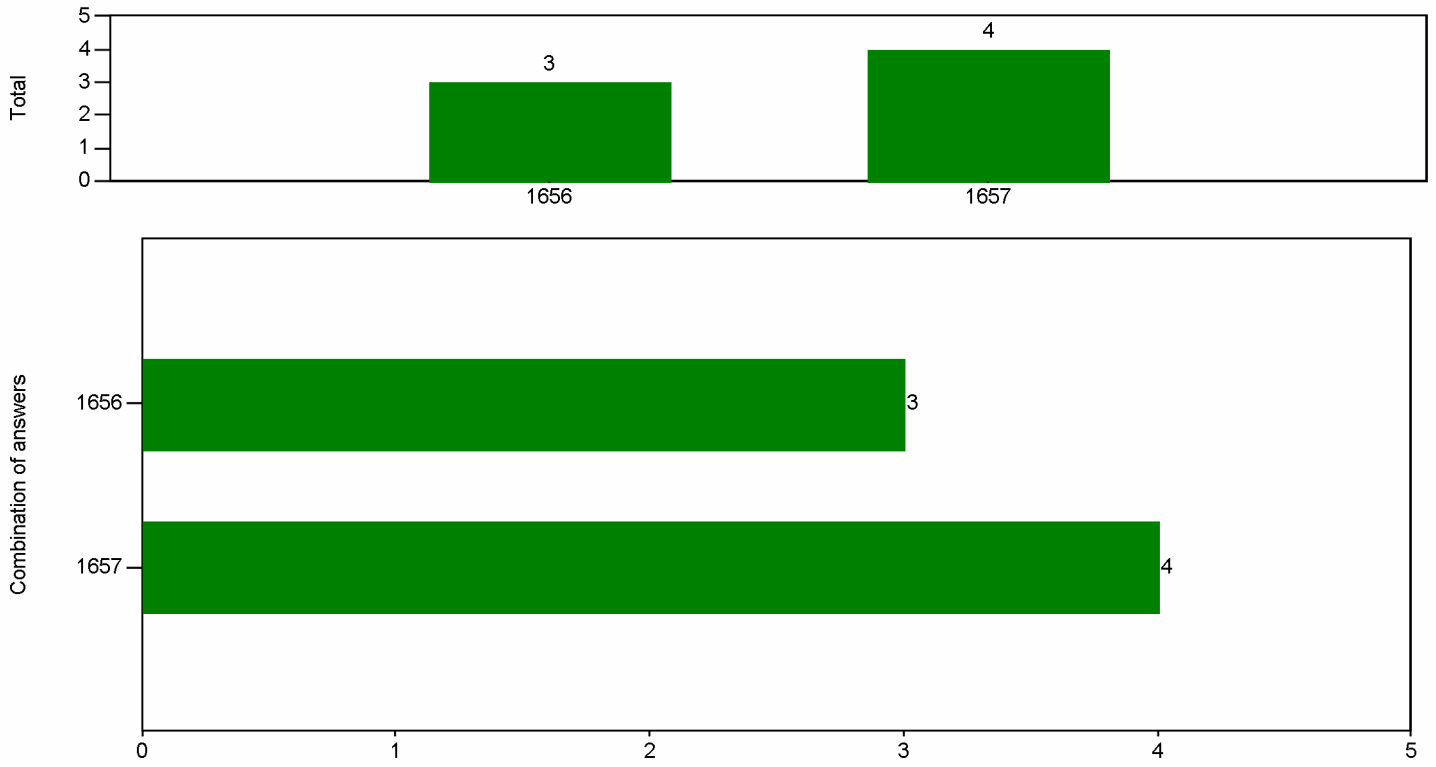
1657 No

If NO, please indicate the reasons

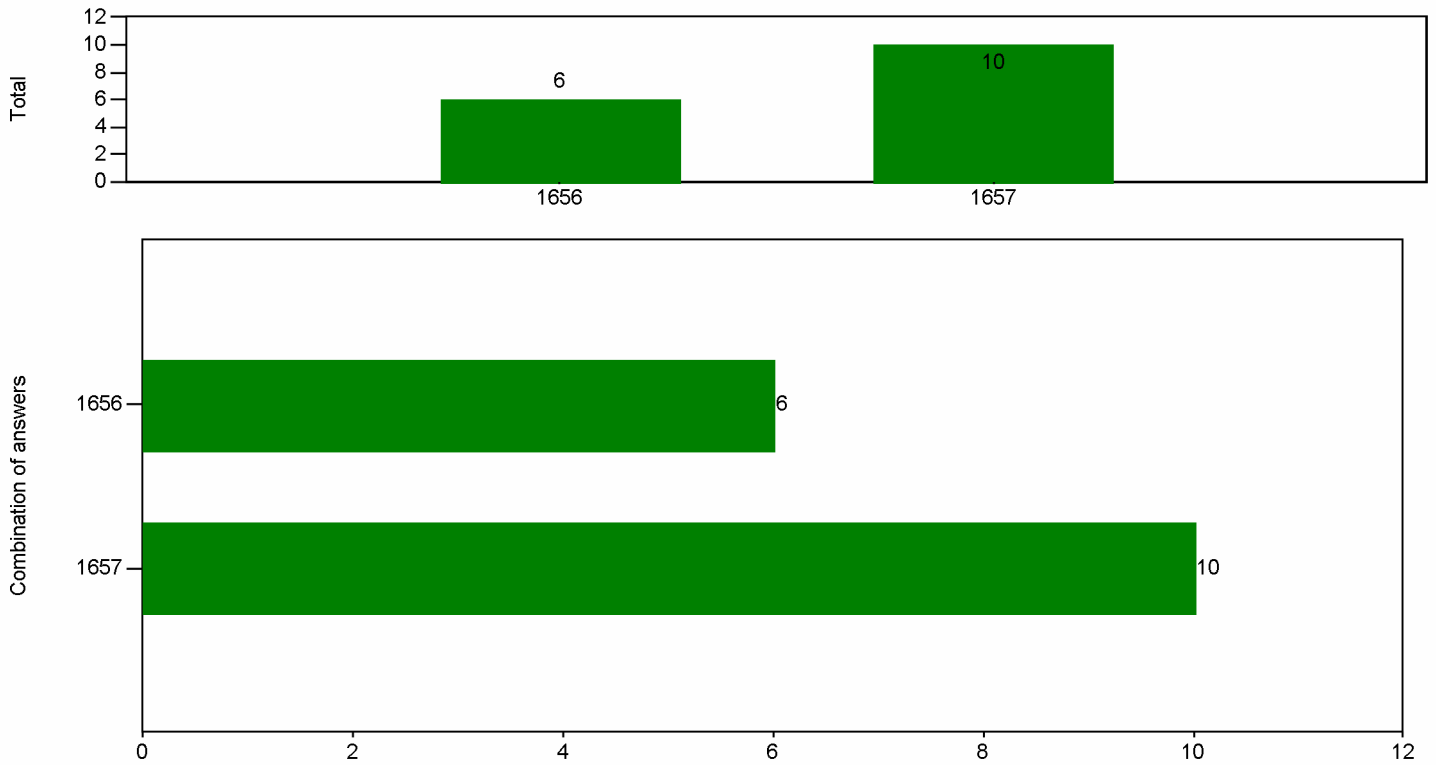
Administration Authorities



Operators



Administration Authorities and Operators



10.5. Does the reduction result in lower prices for end-users?

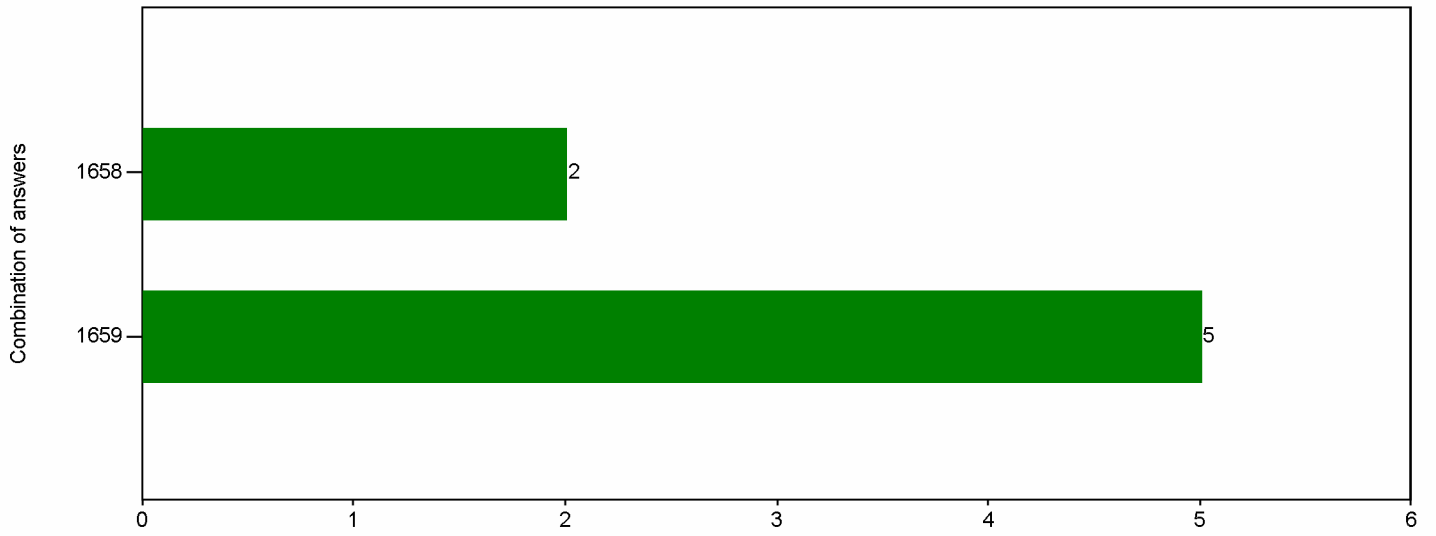
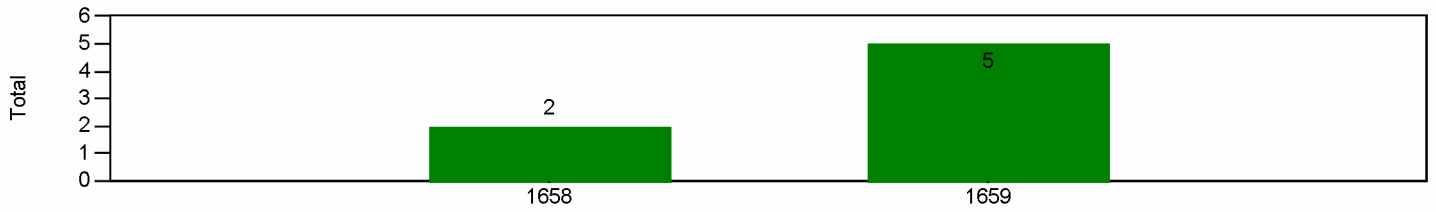
Multiple answers possible:

1658 Yes

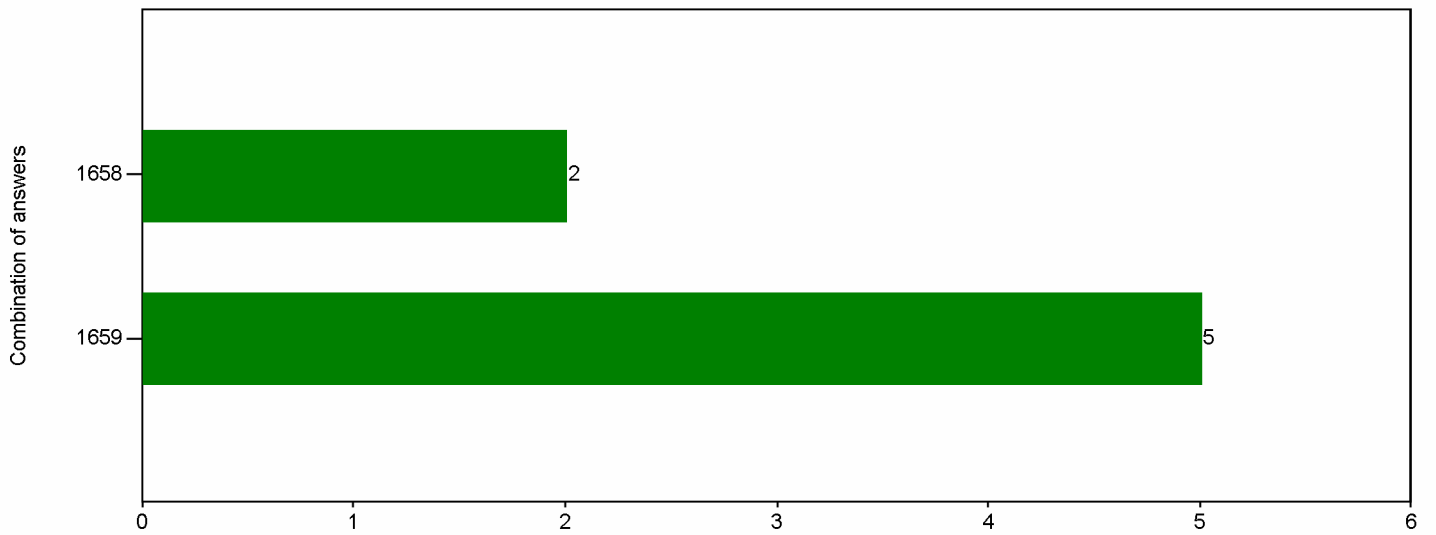
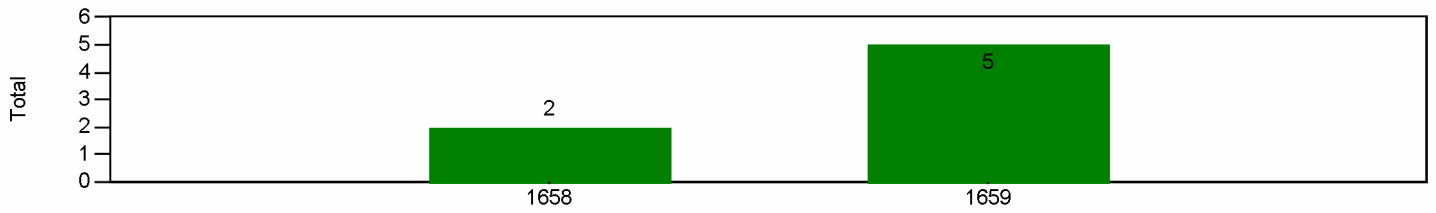
1659 No

If YES, please indicate how much (%)

Administration Authorities



Operators



Administration Authorities and Operators

