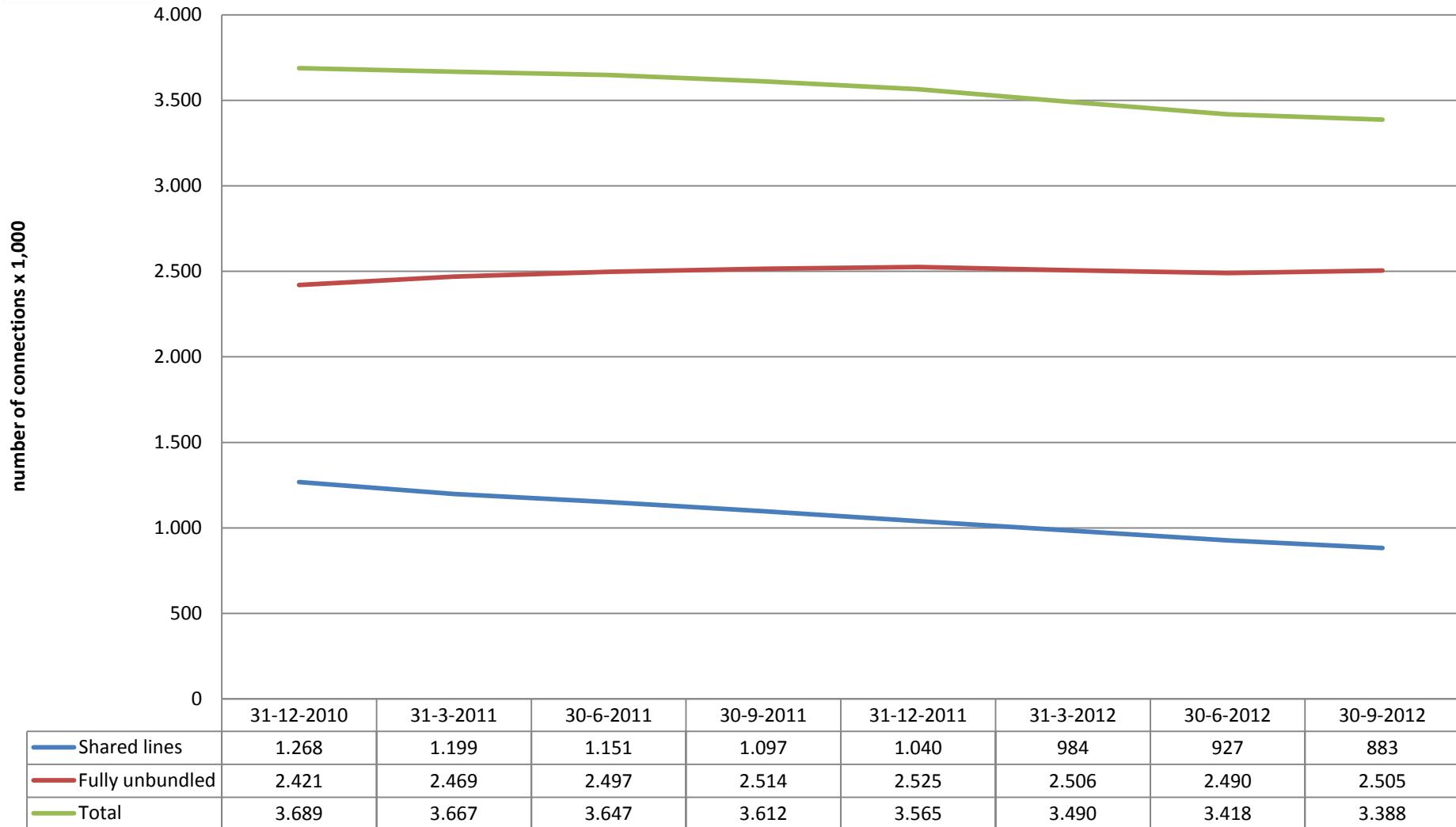


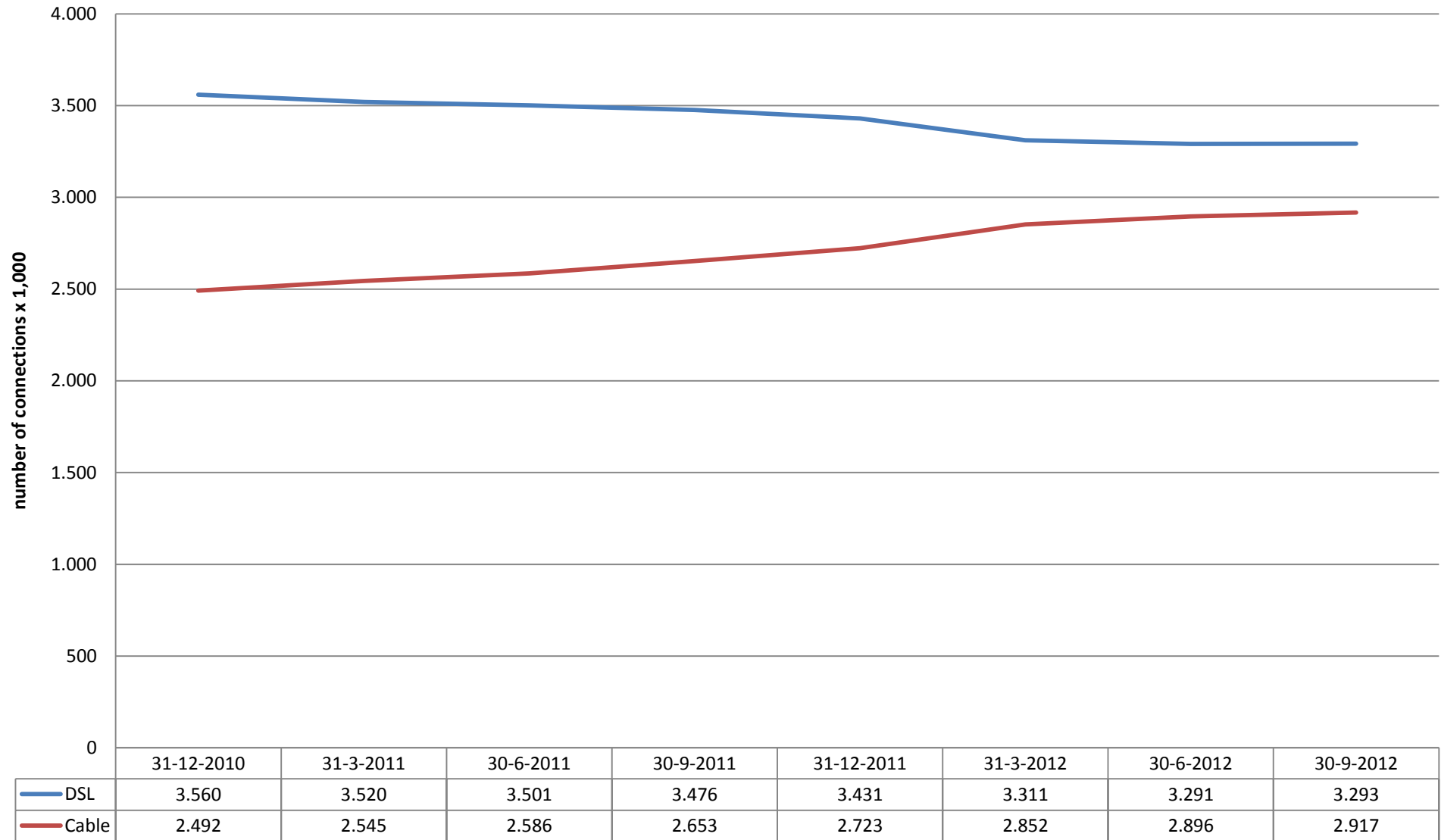


## Broadband: unbundled MDF connections per type





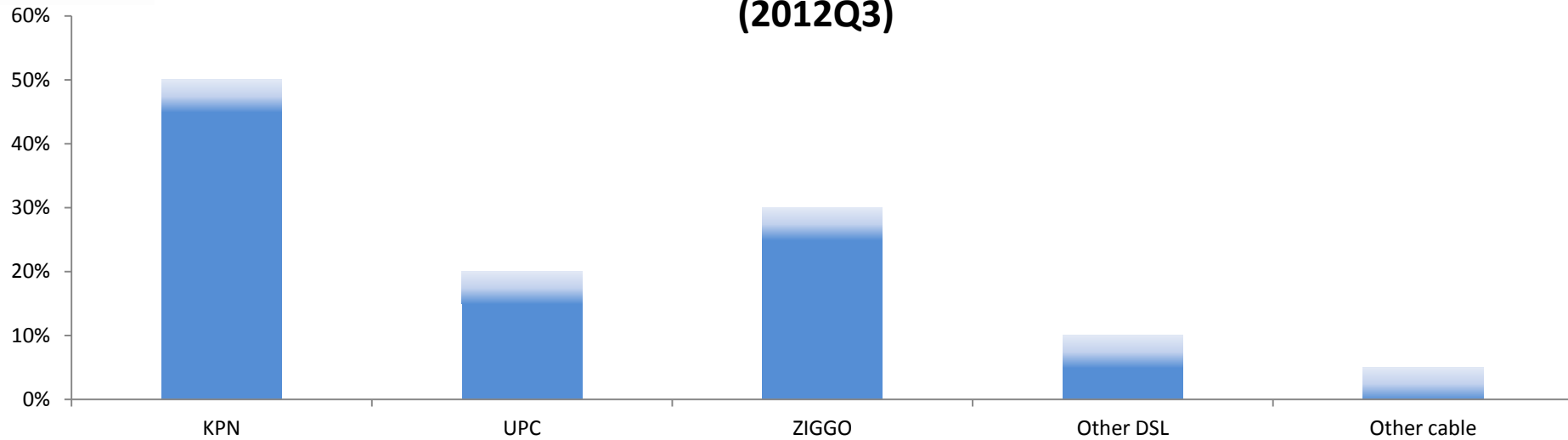
## Broadband: WBT low quality connections per type of infrastructure - including self supply



Based on figures from BBNET, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, TELE2, T-MOBILE, UPC, VERIZON, VERSATEL, ZIGGO. Based on questions 3\_A3\_5\_1-2-3-4-5 and 3\_A3\_6\_1-2-3-4 of the SMM.



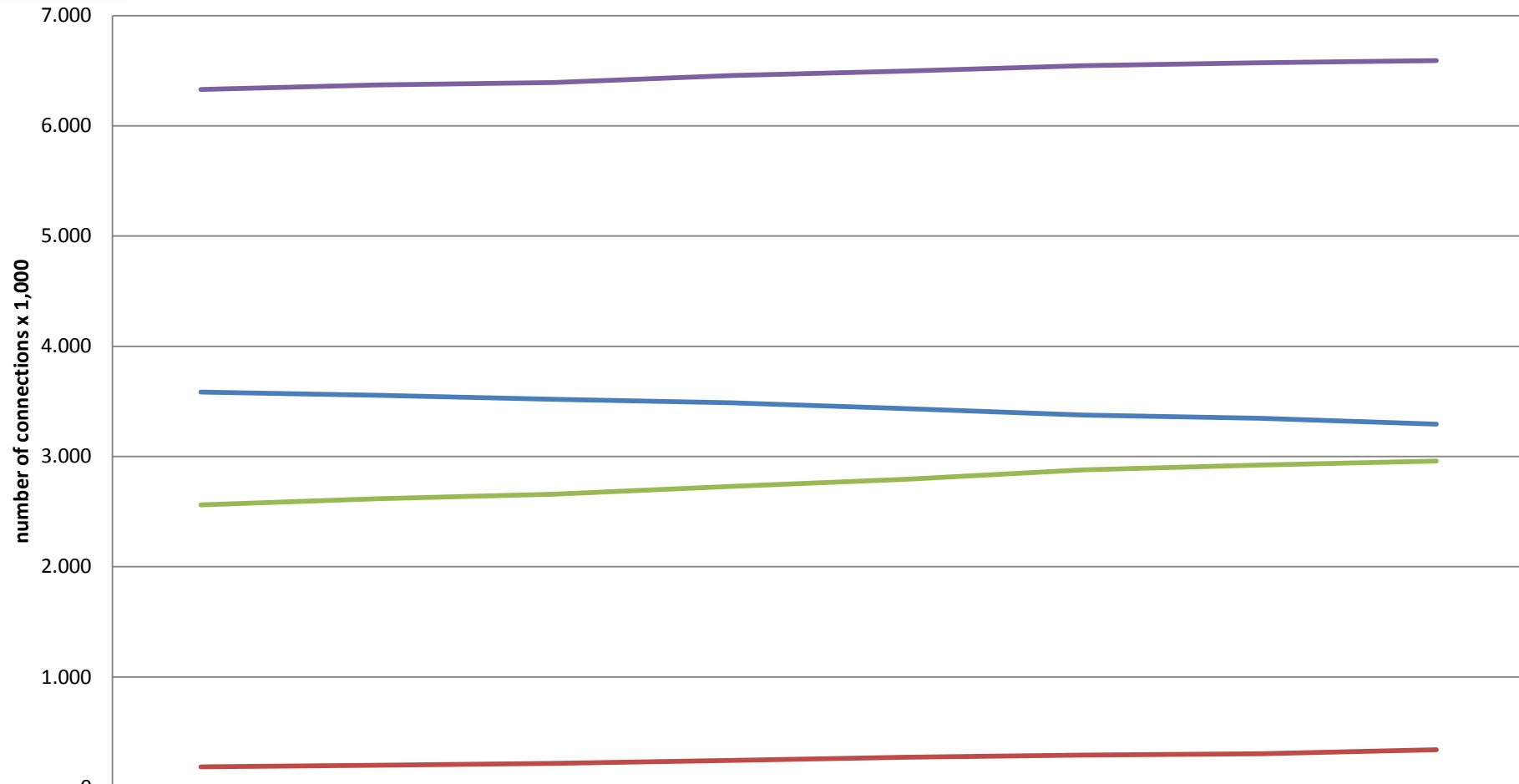
## Broadband: marketshare WBT low quality per party - including self supply (2012Q3)



	31-12-2010	31-3-2011	30-6-2011	30-9-2011	31-12-2011	31-3-2012	30-6-2012	30-9-2012
KPN	[45 - 50%]	[45 - 50%]	[45 - 50%]	[45 - 50%]	[45 - 50%]	[40 - 45%]	[45 - 50%]	[45 - 50%]
REGGEFIBER	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	-	-
UPC	[10 - 15%]	[10 - 15%]	[10 - 15%]	[10 - 15%]	[10 - 15%]	[15 - 20%]	[15 - 20%]	[15 - 20%]
ZIGGO	[20 - 25%]	[20 - 25%]	[20 - 25%]	[25 - 30%]	[25 - 30%]	[25 - 30%]	[25 - 30%]	[25 - 30%]
Other DSL	[10 - 15%]	[10 - 15%]	[10 - 15%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]
Other cable	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]



## Broadband: retail connections per type

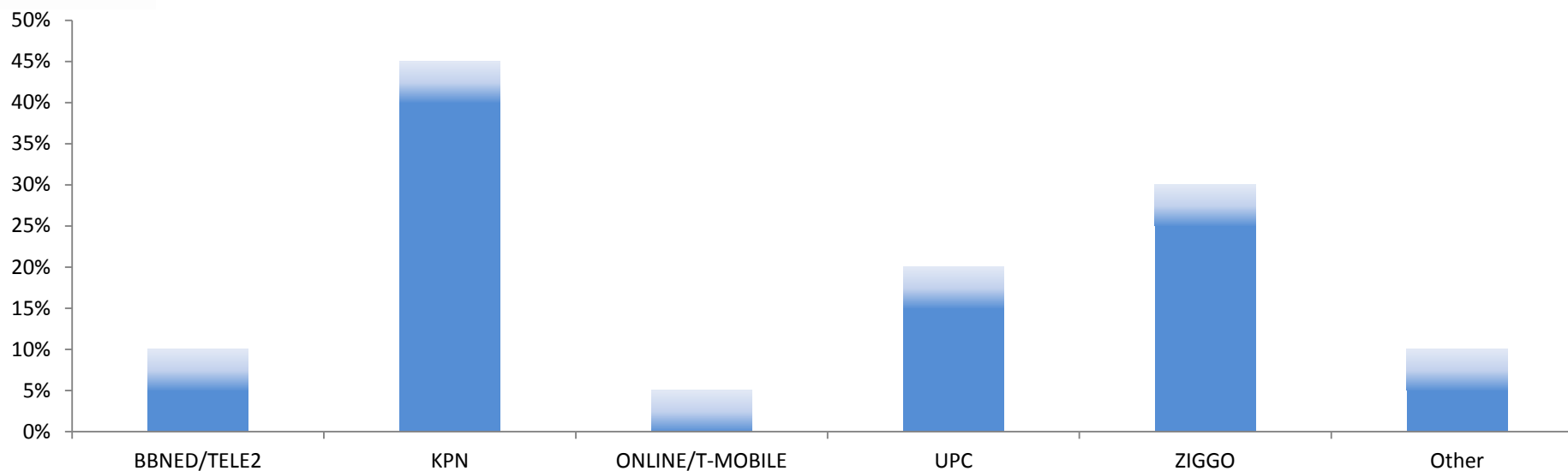


	31-12-2010	31-03-2011	30-06-2011	30-09-2011	31-12-2011	31-03-2012	30-06-2012	30-09-2012
— DSL	3.584	3.555	3.519	3.486	3.433	3.377	3.347	3.294
— Fiber	184	199	215	242	272	290	302	340
— Cable	2.561	2.617	2.658	2.728	2.793	2.878	2.924	2.958
— Total	6.329	6.371	6.393	6.456	6.498	6.545	6.573	6.592

Based on figures from BBNET, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, SCARLET, TELE2, T-MOBILE, UPC, UPC BUSINESS, VERIZON, VERSATEL, VODAFONE and ZIGGO. Based on questions 3\_A1\_3\_1-3, 3\_A3\_5\_1-2-3-4 and 3\_B\_8\_1-2-3-5 of the SMM.



## Broadband: marketshare retail per party (2012Q3)

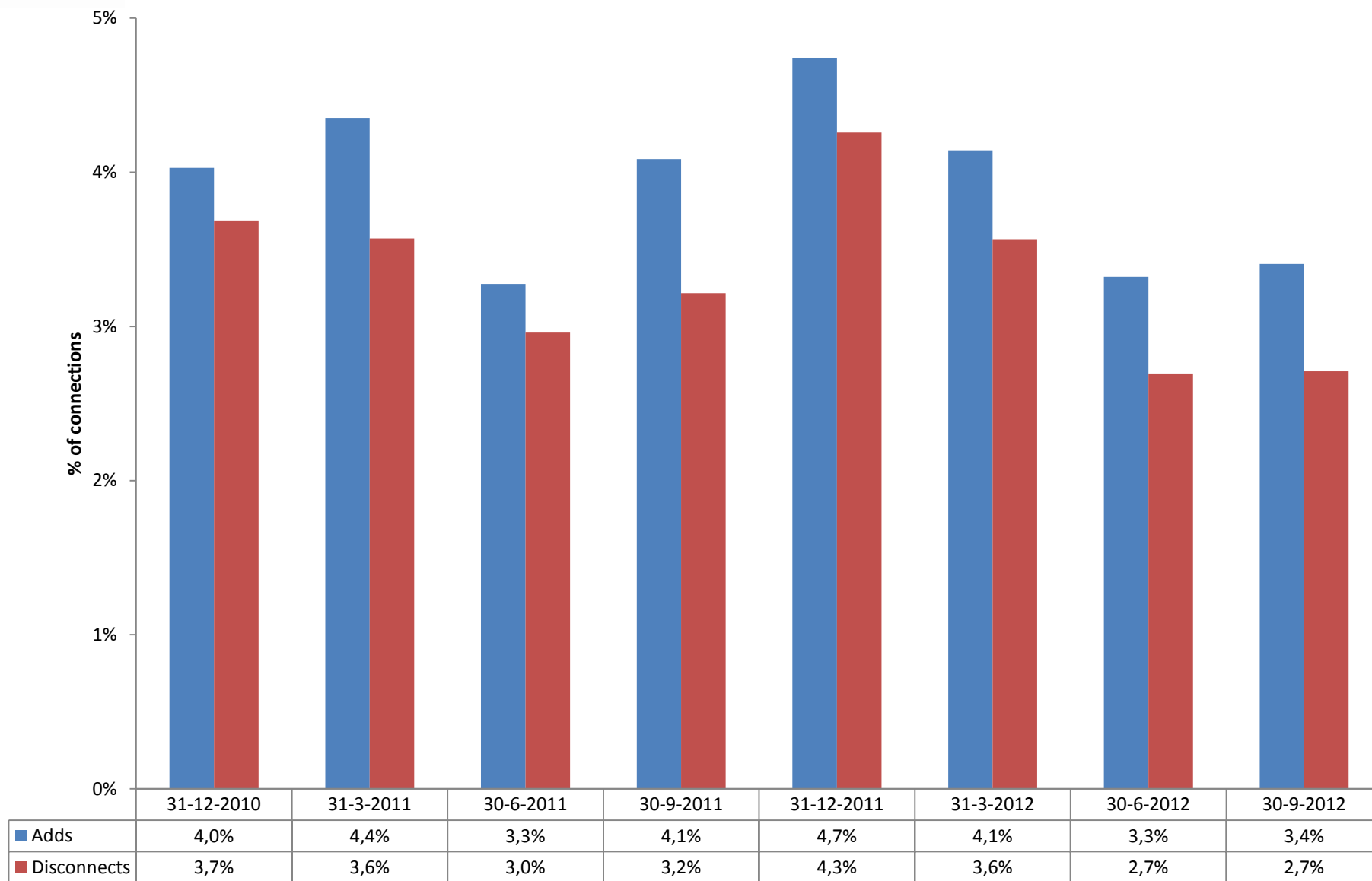


	31-12-2010	31-3-2011	30-6-2011	30-9-2011	31-12-2011	31-3-2012	30-6-2012	30-9-2012
BBNED/TELE2	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]
KPN	[40 - 45%]	[40 - 45%]	[40 - 45%]	[40 - 45%]	[40 - 45%]	[40 - 45%]	[40 - 45%]	[40 - 45%]
ONLINE/T-MOBILE	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]
REGGEFIBER	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	[0 - 5%]	-	-
UPC	[10 - 15%]	[10 - 15%]	[10 - 15%]	[10 - 15%]	[10 - 15%]	[15 - 20%]	[15 - 20%]	[15 - 20%]
ZIGGO	[20 - 25%]	[20 - 25%]	[25 - 30%]	[25 - 30%]	[25 - 30%]	[25 - 30%]	[25 - 30%]	[25 - 30%]
Overig	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]	[5 - 10%]

Based on figures from BBNED, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, TELE2, T-MOBILE, UPC, UPC BUSINESS, VERIZON, VODAFONE and ZIGGO. Based on questions 3\_A1\_3\_1, 3\_A1\_3\_3, 3\_A3\_5\_1-2-3-4 and 3\_B\_8\_1-2-3-5 of the SMM.



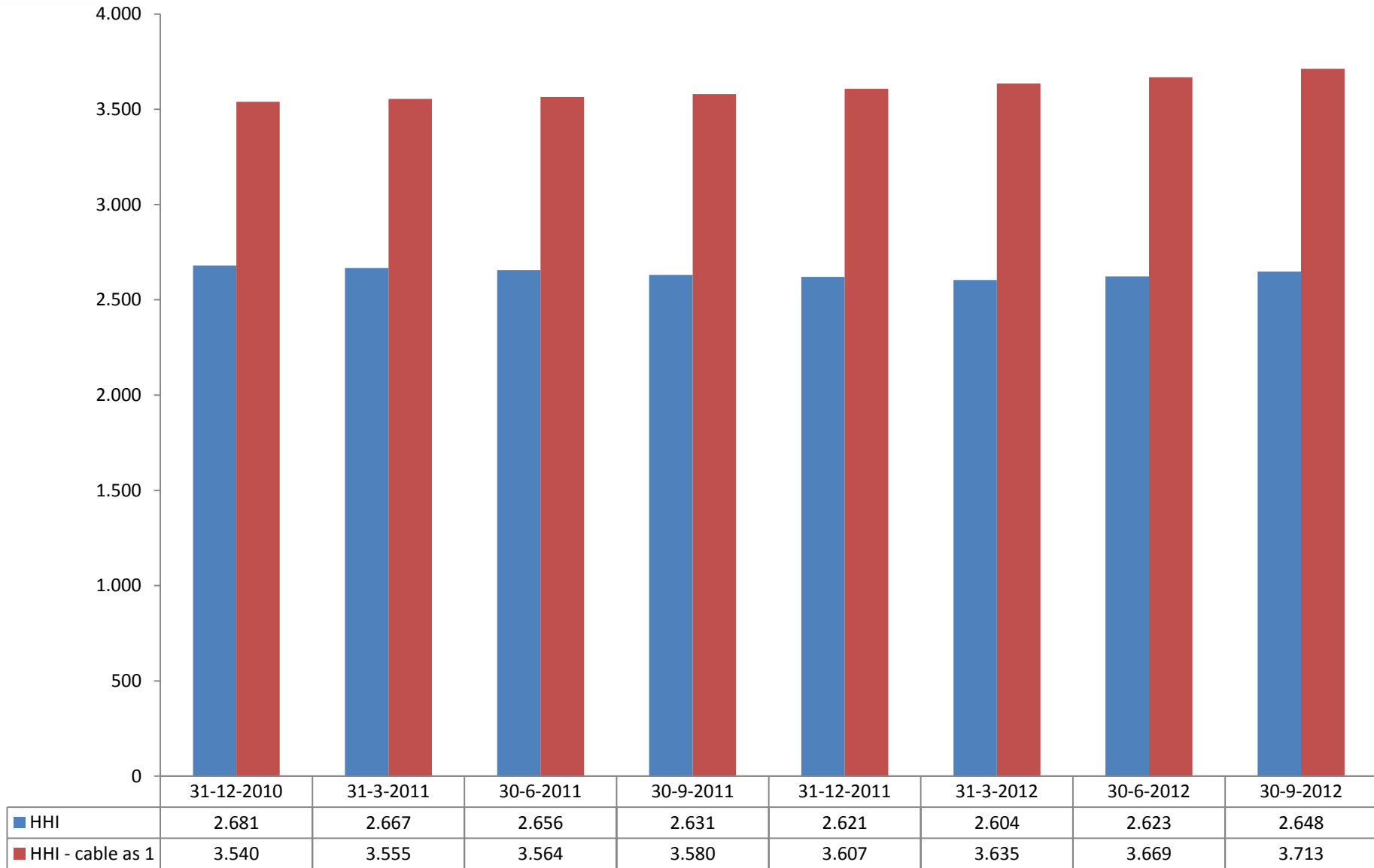
## Broadband: Churn based on retail connections



Based on figures from BBNED, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, SCARLET, TELE2, T-MOBILE, UPC, UPC BUSINESS, VERIZON, VODAFONE and ZIGGO. Based on questions 3\_E\_13\_1 and 3\_E\_13\_2 of the SMM.



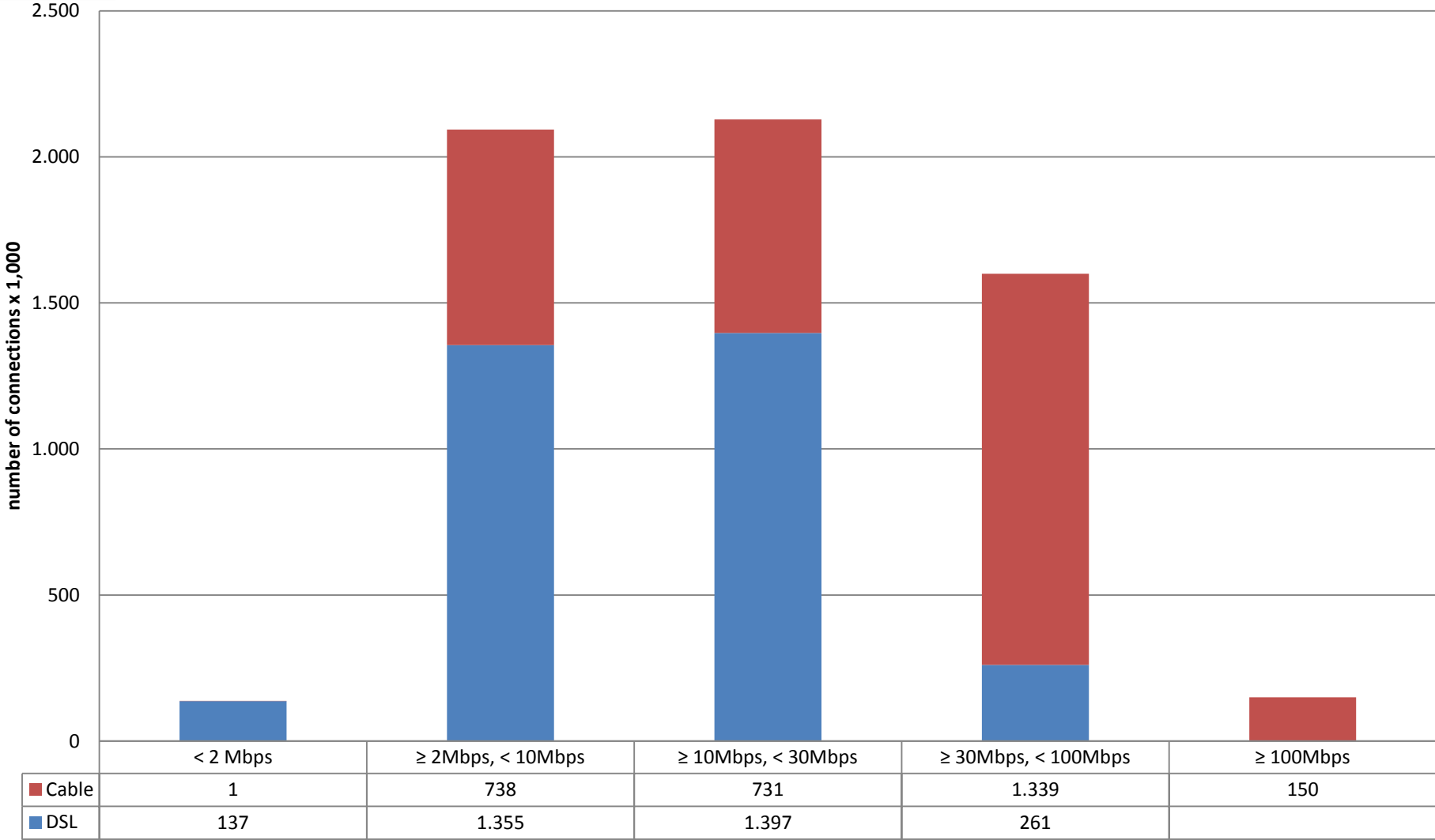
## Broadband: HHI based on retailconnections broadband



Based on figures from BBNED, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, TELE2, T-MOBILE, UPC, VERIZON, VODAFONE and ZIGGO. Based on questions 3\_A1\_3\_1-3, 3\_A3\_5\_1-2-3-4 and 3\_B\_8\_1-2-3-5 from the SMM.



### Broadband: retail connections by speed and infrastructure (2012Q3)

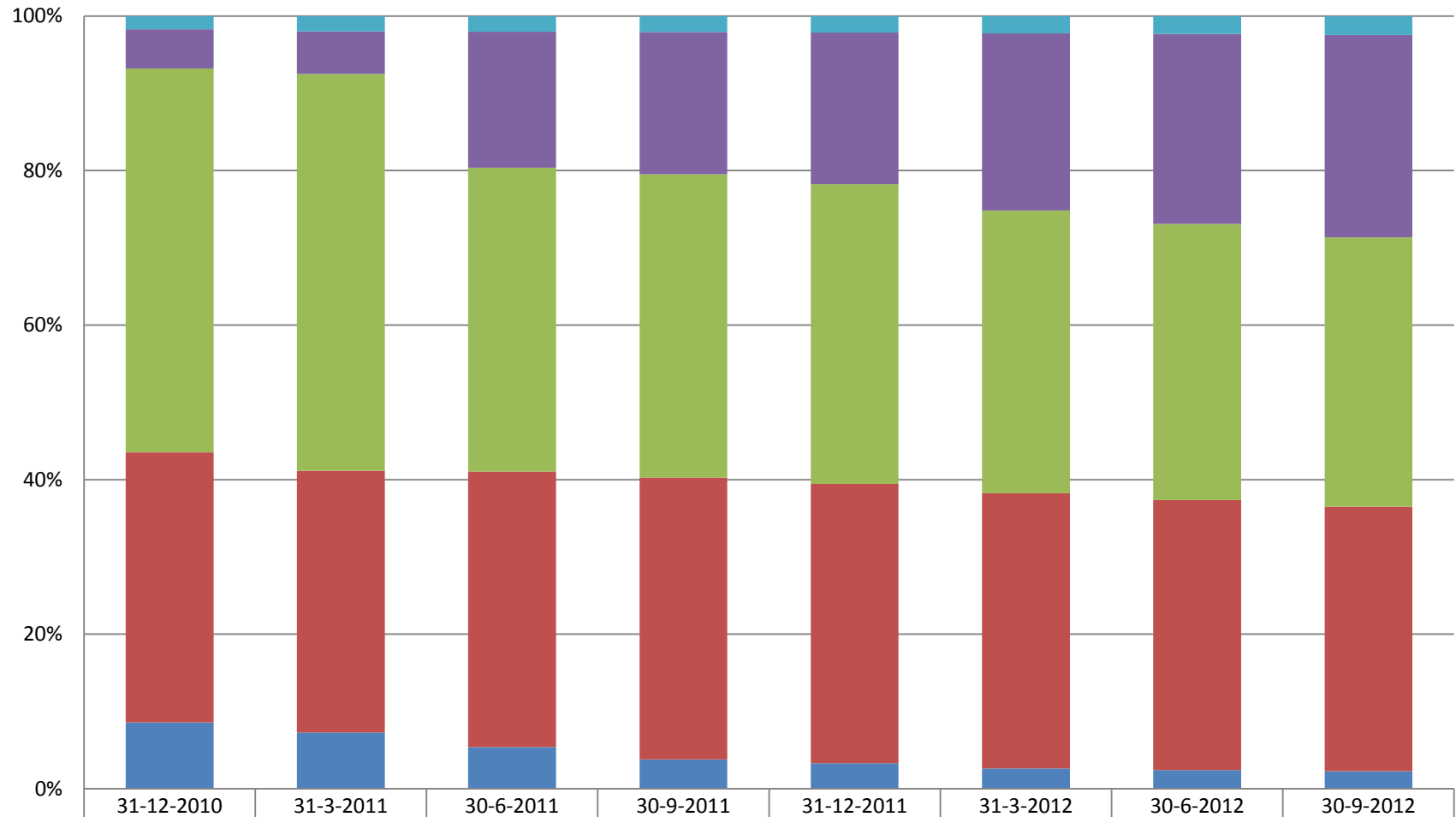


Based on figures from BBNET, CAIW, DELTA, EASYNET, KPN, REGGEFIBER, TELE2, T-MOBILE, UPC, UPC BUSINESS, VODAFONE and ZIGGO. Based on questions 3\_B1\_8\_1-5, 3\_B2\_8\_1-5 and 3\_B3\_8\_1-5 of the SMM.





### Broadband: retail connections by speed (excluding fiber)

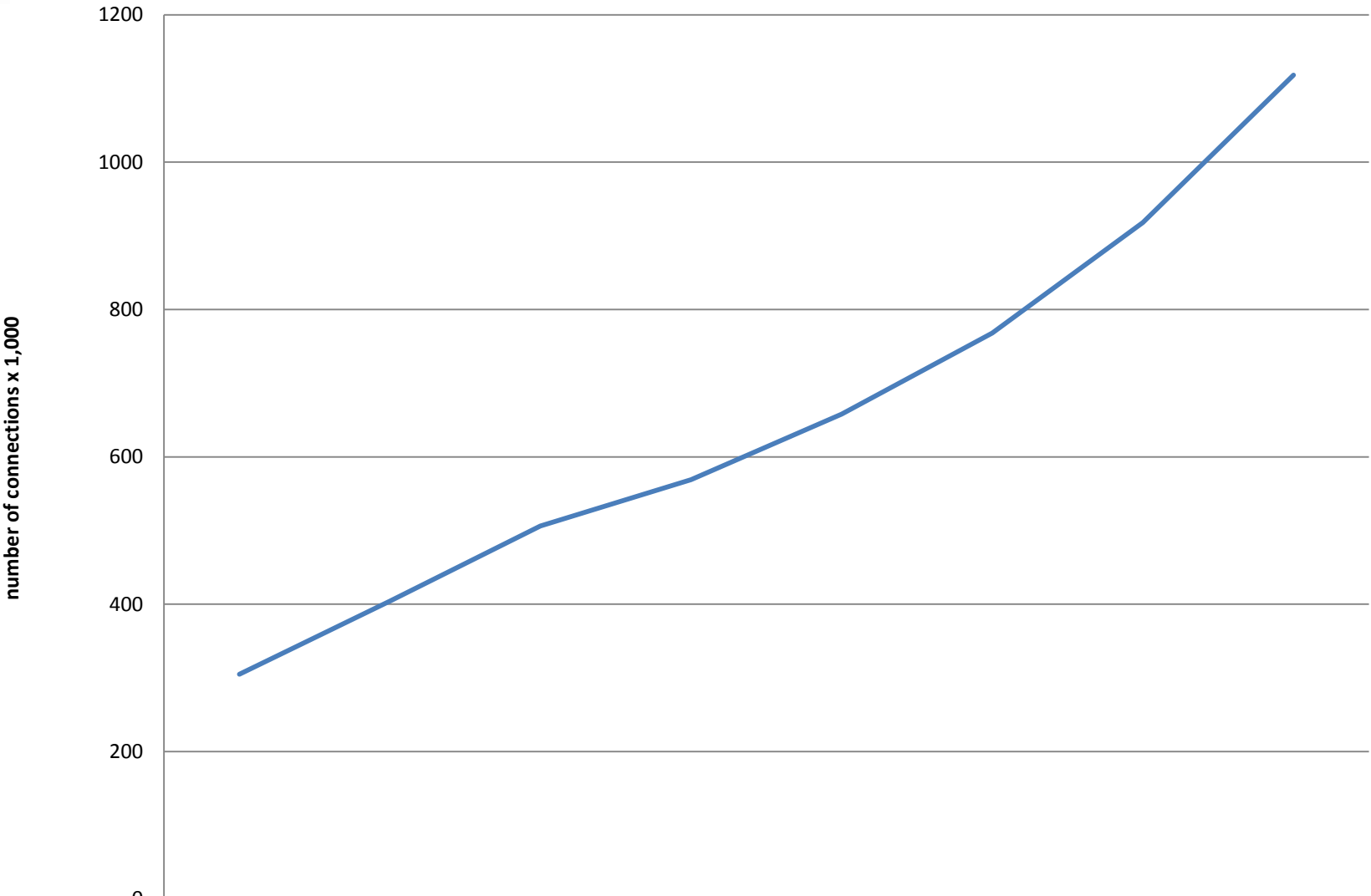


	31-12-2010	31-3-2011	30-6-2011	30-9-2011	31-12-2011	31-3-2012	30-6-2012	30-9-2012
≥ 100Mbps	2%	2%	2%	2%	2%	2%	2%	2%
≥ 30Mbps, < 100Mbps	5%	6%	18%	18%	20%	23%	25%	26%
≥ 10Mbps, < 30Mbps	50%	51%	39%	39%	39%	37%	36%	35%
≥ 2Mbps, < 10Mbps	35%	34%	36%	36%	36%	36%	35%	34%
< 2 Mbps	9%	7%	5%	4%	3%	3%	2%	2%

Based on figures from BBNET, CAIW, DELTA, EASYNET, KPN, REGGEFIBER, TELE2, T-MOBILE, UPC, UPC BUSINESS, VODAFONE and ZIGGO. Based on questions 3\_B1\_8\_1-5, 3\_B2\_8\_1-5 and 3\_B3\_8\_1-5 of the SMM.



### Broadband: homes connected (FttH)



— Homes connected (FttH)	305	404	506	569	658	768	918	1118
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Based on figures from BBNET, CAIW, DELTA, EASYNET, KPN, ONLINE, REGGEFIBER, SCARLET, TELE2, UPC, VERIZON, VERSATEL and ZIGGO. Based on question 3\_C\_9\_4 from the SMM.