

令和 4 年度携帯電話及び全国BWAに係る 電波の利用状況調査結果について

令 和 4 年 1 1 月
有効利用評価部会事務局

800MHz帯 調査結果

	ドコモ		KDDI/沖縄		3 G 平均値	4 G 平均値
	3 G	4 G	3 G	4 G		
i 基地局の数（屋外）	64,916局	65,601局	33,999局	67,388局		
ii 人口カバー率	99.71%	99.71%	99.62%	99.93%		
iii 面積カバー率	57.18% (101.4%)	57.01% (97.1%)	55.57% (98.5%)	60.45% (103.0%)	56.4%	58.7%

※ (○%) は平均値との比較

修正後

	ドコモ		KDDI/沖縄		3 G 平均値	4 G 平均値
	3 G	4 G	3 G	4 G		
i 基地局の数（屋外）	64,916局	65,601局	33,999局	67,388局		
ii 人口カバー率	99.75%	99.74%	99.62%	99.93%		
iii 面積カバー率	58.14% (102.2%)	57.41% (97.5%)	55.57% (97.7%)	60.45% (102.6%)	56.9%	58.9%

※ (○%) は平均値との比較

800MHz帯 カバレッジの調査結果(2/3)

ii 人口カバー率

通信規格	ドコモ		KDDI/沖縄セル	
	3 G	4 G	3 G	4 G
全国	99.71% (0)	99.71% (0)	99.62% (0)	99.93% (0)
北海道	99.74% (0)	99.74% (0)	99.87% (0)	99.96% (0)
東北	99.63% (0)	99.63% (0)	99.02% (0)	99.86% (0)
関東	99.77% (0)	99.75% (+0.1)	99.87% (0)	99.97% (0)
信越	99.27% (0)	99.21% (+0.1)	99.41% (0)	99.93% (0)
北陸	99.96% (0)	99.96% (+0.1)	99.64% (0)	99.94% (0)
東海	99.83% (0)	99.83% (0)	99.72% (0)	99.96% (0)
近畿	99.68% (0)	99.68% (0)	99.66% (0)	99.95% (0)
中国	99.72% (0)	99.72% (0)	99.13% (0)	99.84% (0)
四国	99.79% (0)	99.79% (0)	99.33% (0)	99.81% (0)
九州	99.56% (-0.3)	99.57% (-0.3)	99.34% (0)	99.87% (0)
沖縄	99.85% (-0.1)	99.85% (-0.1)	99.84% (0)	100.00% (0)

※ (+○)は昨年度の実績値との比較

修正後

通信規格	ドコモ		KDDI/沖縄セル	
	3 G	4 G	3 G	4 G
全国	99.75% (+0.1)	99.74% (0)	99.62% (0)	99.93% (0)
北海道	99.74% (0)	99.74% (0)	99.87% (0)	99.96% (0)
東北	99.63% (0)	99.63% (0)	99.02% (0)	99.86% (0)
関東	99.77% (0)	99.75% (+0.1)	99.87% (0)	99.97% (0)
信越	99.27% (0)	99.21% (+0.1)	99.41% (0)	99.93% (0)
北陸	99.96% (0)	99.96% (+0.1)	99.64% (0)	99.94% (0)
東海	99.83% (0)	99.83% (0)	99.72% (0)	99.96% (0)
近畿	99.68% (0)	99.68% (0)	99.66% (0)	99.95% (0)
中国	99.72% (0)	99.72% (0)	99.13% (0)	99.84% (0)
四国	99.79% (0)	99.79% (0)	99.33% (0)	99.81% (0)
九州	99.86% (0)	99.86% (0)	99.34% (0)	99.87% (0)
沖縄	100.00% (0)	100.00% (0)	99.84% (0)	100.00% (0)

※ (+○)は昨年度の実績値との比較

800MHz帯 カバレージの調査結果(3/3)

iii 面積カバー率

修正後

通信規格	ドコモ		KDDI/沖縄セル		平均値	
	3 G	4 G	3 G	4 G	3 G	4 G
全国	57.18% (-0.8) (101.6%)	57.01% (-0.4) (97.1%)	55.57% (0) (98.6%)	60.45% (+0.5) (103.0%)	56.4%	58.7%
北海道	43.73% (0) (96.1%)	43.77% (+0.1) (95.0%)	47.34% (0) (104.0%)	48.37% (+0.3) (105.0%)	45.5%	46.1%
東北	53.82% (0) (103.5%)	53.84% (0) (98.4%)	50.19% (0) (96.5%)	55.59% (+0.3) (101.6%)	52.0%	54.7%
関東	70.21% (+0.2) (100.3%)	69.30% (+0.5) (96.5%)	69.69% (0) (99.6%)	74.36% (+0.4) (103.5%)	70.0%	71.8%
信越	44.81% (+0.1) (94.9%)	43.40% (+0.4) (87.4%)	49.66% (0) (105.1%)	55.88% (+0.3) (112.6%)	47.2%	49.6%
北陸	57.68% (+0.3) (107.2%)	57.64% (+0.2) (101.4%)	49.90% (0) (92.8%)	56.08% (+0.3) (98.6%)	53.8%	56.9%
東海	51.35% (+0.1) (94.4%)	51.27% (+0.1) (89.9%)	57.49% (0) (105.6%)	62.80% (+0.5) (110.1%)	54.4%	57.0%
近畿	59.22% (+0.1) (103.7%)	59.19% (+0.1) (96.6%)	55.01% (0) (96.3%)	63.39% (+0.8) (103.4%)	57.1%	61.3%
中国	78.58% (+0.2) (108.8%)	78.56% (+0.1) (103.5%)	65.81% (0) (91.2%)	73.19% (+0.5) (96.5%)	72.2%	75.9%
四国	67.52% (0) (109.6%)	67.52% (0) (105.1%)	55.70% (0) (90.4%)	60.99% (+0.5) (94.9%)	61.6%	64.3%
九州	69.10% (-8.0) (102.8%)	69.10% (-4.7) (97.8%)	65.21% (0) (97.1%)	72.16% (+0.8) (102.2%)	67.2%	70.6%
沖縄	74.81% (-6.3) (97.0%)	74.82% (-3.9) (95.0%)	79.43% (0) (103.0%)	82.74% (+0.6) (105.0%)	77.1%	78.8%

通信規格	ドコモ		KDDI/沖縄セル		平均値	
	3 G	4 G	3 G	4 G	3 G	4 G
全国	58.14% (+0.1) (102.2%)	57.41% (0) (97.5%)	55.57% (0) (97.7%)	60.45% (+0.5) (102.6%)	56.9%	58.9%
北海道	43.73% (0) (96.1%)	43.77% (+0.1) (95.0%)	47.34% (0) (104.0%)	48.37% (+0.3) (105.0%)	45.5%	46.1%
東北	53.82% (0) (103.5%)	53.84% (0) (98.4%)	50.19% (0) (96.5%)	55.59% (+0.3) (101.6%)	52.0%	54.7%
関東	70.21% (+0.2) (100.3%)	69.30% (+0.5) (96.5%)	69.69% (0) (99.6%)	74.36% (+0.4) (103.5%)	70.0%	71.8%
信越	44.81% (+0.1) (94.9%)	43.40% (+0.4) (87.4%)	49.66% (0) (105.1%)	55.88% (+0.3) (112.6%)	47.2%	49.6%
北陸	57.68% (+0.3) (107.2%)	57.64% (+0.2) (101.4%)	49.90% (0) (92.8%)	56.08% (+0.3) (98.6%)	53.8%	56.9%
東海	51.35% (+0.1) (94.4%)	51.27% (+0.1) (89.9%)	57.49% (0) (105.6%)	62.80% (+0.5) (110.1%)	54.4%	57.0%
近畿	59.22% (+0.1) (103.7%)	59.19% (+0.1) (96.6%)	55.01% (0) (96.3%)	63.39% (+0.8) (103.4%)	57.1%	61.3%
中国	78.58% (+0.2) (108.8%)	78.56% (+0.1) (103.5%)	65.81% (0) (91.2%)	73.19% (+0.5) (96.5%)	72.2%	75.9%
四国	67.52% (0) (109.6%)	67.52% (0) (105.1%)	55.70% (0) (90.4%)	60.99% (+0.5) (94.9%)	61.6%	64.3%
九州	77.11% (0) (108.3%)	73.80% (0) (101.1%)	65.21% (0) (91.6%)	72.16% (+0.8) (98.8%)	71.2%	73.0%
沖縄	81.11% (0) (101.0%)	78.72% (0) (97.5%)	79.43% (0) (98.9%)	82.74% (+0.6) (102.5%)	80.3%	80.7%

※1 (+○)は昨年度実績値との比較値 ※2(○)は平均値との比較

※1 (+○)は昨年度実績値との比較値 ※2(○)は平均値との比較

3.5GHz帯 カバレッジの調査結果(2/3)

ii 人口カバー率

修正後

	ドコモ			KDDI/沖縄セル			ソフトバンク
通信規格	4 G	5 G	4 G+5 G	4 G	5 G	4 G+5 G	4 G
全国	77.79%	0.00%	77.79% ※(+2.9)	57.31%	30.12%	73.57% (0)	62.07% (+0.05)
北海道	73.54%	0.00%	73.54% (0)	61.10%	16.99%	68.36% (0)	61.35% (-0.56)
東北	75.82%	0.00%	75.82% (+0.1)	69.49%	18.21%	81.25% (0)	62.18% (-0.62)
関東	78.19%	0.00%	78.19% (+6.9)	48.76%	42.57%	71.29% (+0.9)	60.33% (+0.31)
信越	77.11%	0.00%	77.11% (+7.8)	74.11%	3.20%	75.42% (+0.4)	63.56% (-1.32)
北陸	84.41%	0.00%	84.41% (+0.1)	73.99%	17.47%	84.08% (+0.1)	65.57% (-1.14)
東海	82.02%	0.00%	82.02% (0)	60.26%	23.95%	73.65% (+0.3)	64.27% (-0.12)
近畿	86.68%	0.00%	86.68% (+2.3)	55.99%	30.18%	72.89% (0)	65.95% (+1.84)
中国	72.58%	0.00%	72.58% (0)	59.90%	25.75%	70.73% (0)	57.64% (-0.75)
四国	77.83%	0.00%	77.83% (0)	57.77%	26.55%	72.36% (0)	58.85% (-4.6)
九州	63.79%	0.00%	63.79% (-0.6)	69.53%	18.68%	76.46% (0)	61.78% (-0.12)
沖縄	65.05%	0.00%	65.05% (-1.3)	4.62%	82.89%	87.50% (+2.4)	60.84% (-0.08)

※ (〇%)は昨年度の実績値との比較

	ドコモ			KDDI/沖縄セル			ソフトバンク
通信規格	4 G	5 G	4 G+5 G	4 G	5 G	4 G+5 G	4 G
全国	77.79%	0.00%	77.79% ※(+2.9)	57.31%	30.12%	73.57% (0)	62.07% (+0.05)
北海道	73.54%	0.00%	73.54% (0)	61.10%	16.99%	68.36% (0)	61.35% (-0.56)
東北	75.82%	0.00%	75.82% (+0.1)	69.49%	18.21%	81.25% (0)	62.18% (-0.62)
関東	78.19%	0.00%	78.19% (+6.9)	48.76%	42.57%	71.29% (+0.9)	60.33% (+0.31)
信越	77.11%	0.00%	77.11% (+7.8)	74.11%	3.20%	75.42% (+0.4)	63.56% (-1.32)
北陸	84.41%	0.00%	84.41% (+0.1)	73.99%	17.47%	84.08% (+0.1)	65.57% (-1.14)
東海	82.02%	0.00%	82.02% (0)	60.26%	23.95%	73.65% (+0.3)	64.27% (-0.12)
近畿	86.68%	0.00%	86.68% (+2.3)	55.99%	30.18%	72.89% (0)	65.95% (+1.84)
中国	72.58%	0.00%	72.58% (0)	59.90%	25.75%	70.73% (0)	57.64% (-0.75)
四国	77.83%	0.00%	77.83% (0)	57.77%	26.55%	72.36% (0)	58.85% (-4.6)
九州	64.39%	0.00%	64.39% (0)	69.53%	18.68%	76.46% (0)	61.78% (-0.12)
沖縄	66.35%	0.00%	66.35% (0)	4.62%	82.89%	87.50% (+2.4)	60.84% (-0.08)

※ (〇%)は昨年度の実績値との比較

3.5GHz帯 カバレッジの調査結果(3/3)

iii 面積カバー率

修正後

	ドコモ			KDDI/沖縄セル			ソフトバンク	平均値
通信規格	4 G	5 G	4 G+5 G	4 G	5 G	4 G+5 G	4 G	4 G+5 G
全国	11.58%	0.00%	11.58% ※1(+0.4) ※2(117.0%)	10.87%	2.11%	12.23% (0) (123.5%)	5.92% (+0.01) (59.8%)	9.9%
北海道	2.66%	0.00%	2.66% (0) (147.8%)	1.62%	0.28%	1.78% (0) (98.9%)	1.06% (-0.01) (58.9%)	1.8%
東北	12.29%	0.00%	12.29% (+0.1) (105.9%)	16.29%	1.23%	17.05% (0) (147.0%)	5.46% (-0.09) (47.1%)	11.6%
関東	22.58%	0.00%	22.58% (+2.2) (150.5%)	10.29%	5.99%	14.14% (+0.2) (94.3%)	8.22% (+0.19) (54.8%)	15.0%
信越	15.62%	0.00%	15.62% (+1.7) (121.1%)	15.00%	0.24%	15.11% (0) (117.1%)	7.96% (-0.11) (61.7%)	12.9%
北陸	19.62%	0.00%	19.62% (+0.1) (117.5%)	19.44%	1.99%	20.61% (0) (123.4%)	9.78% (-0.42) (58.6%)	16.7%
東海	18.19%	0.00%	18.19% (+0.1) (120.5%)	14.55%	3.11%	16.47% (0) (109.1%)	10.72% (-0.09) (71.0%)	15.1%
近畿	15.62%	0.00%	15.62% (+0.9) (130.2%)	10.33%	2.61%	11.83% (0) (98.6%)	8.60% (+0.65) (71.7%)	12.0%
中国	11.63%	0.00%	11.63% (0) (103.8%)	14.13%	2.72%	15.78% (0) (140.9%)	6.32% (-0.02) (56.4%)	11.2%
四国	12.24%	0.00%	12.24% (0) (122.4%)	8.54%	3.78%	11.43% (0) (114.3%)	6.41% (-0.55) (64.1%)	10.0%
九州	8.25%	0.00%	8.25% (-0.3) (80.1%)	14.41%	2.00%	15.56% (0) (151.1%)	6.97% (+0.1) (67.7%)	10.3%
沖縄	8.47%	0.00%	8.47% (0) (58.0%)	3.09%	20.65%	23.74% (+0.8) (162.6%)	11.65% (+0.48) (79.8%)	14.6%

	ドコモ			KDDI/沖縄セル			ソフトバンク	平均値
通信規格	4 G	5 G	4 G+5 G	4 G	5 G	4 G+5 G	4 G	4 G+5 G
全国	11.58%	0.00%	11.58% ※1(+0.4) ※2(117.0%)	10.87%	2.11%	12.23% (0) (123.5%)	5.92% (+0.01) (59.8%)	9.9%
北海道	2.66%	0.00%	2.66% (0) (147.8%)	1.62%	0.28%	1.78% (0) (98.9%)	1.06% (-0.01) (58.9%)	1.8%
東北	12.29%	0.00%	12.29% (+0.1) (105.9%)	16.29%	1.23%	17.05% (0) (147.0%)	5.46% (-0.09) (47.1%)	11.6%
関東	22.58%	0.00%	22.58% (+2.2) (150.5%)	10.29%	5.99%	14.14% (+0.2) (94.3%)	8.22% (+0.19) (54.8%)	15.0%
信越	15.62%	0.00%	15.62% (+1.7) (121.1%)	15.00%	0.24%	15.11% (0) (117.1%)	7.96% (-0.11) (61.7%)	12.9%
北陸	19.62%	0.00%	19.62% (+0.1) (117.5%)	19.44%	1.99%	20.61% (0) (123.4%)	9.78% (-0.42) (58.6%)	16.7%
東海	18.19%	0.00%	18.19% (+0.1) (120.5%)	14.55%	3.11%	16.47% (0) (109.1%)	10.72% (-0.09) (71.0%)	15.1%
近畿	15.62%	0.00%	15.62% (+0.9) (130.2%)	10.33%	2.61%	11.83% (0) (98.6%)	8.60% (+0.65) (71.7%)	12.0%
中国	11.63%	0.00%	11.63% (0) (103.8%)	14.13%	2.72%	15.78% (0) (140.9%)	6.32% (-0.02) (56.4%)	11.2%
四国	12.24%	0.00%	12.24% (0) (122.4%)	8.54%	3.78%	11.43% (0) (114.3%)	6.41% (-0.55) (64.1%)	10.0%
九州	8.55%	0.00%	8.55% (0) (82.2%)	14.41%	2.00%	15.56% (0) (149.6%)	6.97% (+0.1) (67.0%)	10.4%
沖縄	8.47%	0.00%	8.47% (0) (58.0%)	3.09%	20.65%	23.74% (+0.8) (162.6%)	11.65% (+0.48) (79.8%)	14.6%

※1 (+○) は昨年度実績値との比較値 ※2(○%)は平均値との比較

※1 (+○) は昨年度実績値との比較値 ※2(○%)は平均値との比較

3.5GHz帯 技術導入状況の調査結果(2/2)

修正前

v 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(4G+5G)							KDDI/沖縄セルラー(4G+5G)							ソフトバンク(4G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	30,896	30,899	24,675	7,380	0	30,895	28,943	18,490	18,501	15,927	6	1	13,473	16,834	29,356	29,196	26,841	24,465	329	29,443	29,389
	R3	30,641	7,279	16,074	7,243	0	30,639	28,731	19,438	19,465	16,644	7	1	13,535	16,062	29,706	29,681	27,312	24,899	187	29,702	29,047
	比率	1%	324%	54%	2%	-	1%	1%	-5%	-5%	-4%	-14%	0%	0%	5%	-1%	-2%	-2%	-2%	76%	-1%	1%
北海道	R4	1,258	1,258	1,172	0	0	1,258	1,258	454	454	454	0	0	454	454	1,070	1,091	1,082	1,018	6	1,097	1,093
	R3	1,256	97	1,159	0	0	1,256	1,256	496	503	502	0	0	502	356	1,080	1,076	1,067	1,015	6	1,076	1,076
	比率	0%	1197%	1%	-	-	0%	0%	-8%	-10%	-10%	-	-	-10%	28%	-1%	1%	1%	0%	0%	2%	2%
東北	R4	1,714	1,714	1,434	13	0	1,714	0	1,111	1,112	1,112	0	0	1,112	1,112	2,127	2,136	2,127	1,967	0	2,131	2,118
	R3	1,701	235	1,408	13	0	1,701	0	1,204	1,206	1,206	1	0	1,206	863	2,128	2,132	2,123	1,975	0	2,127	2,123
	比率	1%	629%	2%	0%	-	1%	-	-8%	-8%	-8%	-100%	-	-8%	29%	0%	0%	0%	0%	-	0%	0%
関東	R4	12,190	12,193	8,438	4,498	0	12,193	12,193	8,384	8,391	6,353	6	1	5,789	7,001	9,833	9,802	8,690	7,906	92	9,846	9,829
	R3	12,124	3,888	3,848	4,388	0	12,124	12,124	8,618	8,629	6,429	6	1	5,667	7,106	10,029	10,056	8,909	8,063	62	10,037	9,986
	比率	1%	214%	119%	3%	-	1%	1%	-3%	-3%	-1%	0%	0%	2%	-1%	-2%	-3%	-2%	-2%	48%	-2%	-2%
信越	R4	851	851	616	116	0	851	851	439	439	439	0	0	149	439	1,211	1,227	1,227	1,158	2	1,228	1,200
	R3	1,145	504	572	69	0	1,143	1,087	460	460	460	0	0	134	460	1,224	1,235	1,235	1,173	0	1,224	751
	比率	-26%	69%	8%	68%	-	-26%	-22%	-5%	-5%	-5%	-	-	11%	-5%	-1%	-1%	-1%	-1%	-	0%	60%
北陸	R4	824	824	685	0	0	824	824	345	346	346	0	0	346	346	865	877	820	744	0	877	876
	R3	444	351	93	0	0	444	444	350	351	351	0	0	351	286	889	903	845	775	0	889	884
	比率	86%	135%	637%	-	-	86%	86%	-1%	-1%	-1%	-	-	-1%	21%	-3%	-3%	-3%	-4%	-	-1%	-1%
東海	R4	3,042	3,042	2,712	728	0	3,042	3,026	1,761	1,761	1,502	0	0	804	1,762	3,436	3,427	3,391	3,152	13	3,430	3,435
	R3	3,210	408	2,066	736	0	3,210	3,137	1,768	1,769	1,482	0	0	713	1,769	3,477	3,491	3,455	3,215	12	3,475	3,359
	比率	-5%	646%	31%	-1%	-	-5%	-4%	0%	0%	1%	-	-	13%	0%	-1%	-2%	-2%	-2%	8%	-1%	2%
近畿	R4	5,388	5,388	4,654	1,965	0	5,388	5,388	3,088	3,088	2,811	0	0	1,910	2,811	5,423	5,227	4,790	4,250	199	5,414	5,420
	R3	5,367	957	2,445	1,965	0	5,367	5,367	3,480	3,481	3,149	0	0	1,897	3,151	5,357	5,274	4,836	4,273	89	5,354	5,355
	比率	0%	463%	90%	0%	-	0%	0%	-11%	-11%	-11%	-	-	1%	-11%	1%	-1%	-1%	-1%	124%	1%	1%
中国	R4	1,357	1,357	1,045	0	0	1,357	1,135	960	960	960	0	0	960	960	1,500	1,504	1,339	1,206	0	1,503	1,503
	R3	1,337	447	890	0	0	1,337	1,259	1,051	1,051	1,051	0	0	1,051	671	1,506	1,511	1,345	1,213	0	1,506	1,499
	比率	1%	204%	17%	-	-	1%	-10%	-9%	-9%	-9%	-	-	-9%	43%	0%	0%	0%	-1%	-	0%	0%
四国	R4	1,125	1,125	1,073	0	0	1,121	1,121	403	403	403	0	0	403	403	687	690	666	611	0	690	690
	R3	924	45	879	0	0	924	924	449	449	449	0	0	449	356	765	764	761	707	1	765	765
	比率	22%	2400%	22%	-	-	21%	21%	-10%	-10%	-10%	-	-	-10%	13%	-10%	-10%	-12%	-14%	-100%	-10%	-10%
九州	R4	2,840	2,840	2,550	60	0	2,840	2,840	1,286	1,288	1,288	0	0	1,288	1,288	2,919	2,924	2,480	2,248	17	2,937	2,935
	R3	2,824	336	2,416	72	0	2,824	2,824	1,366	1,370	1,369	0	0	1,369	1,044	2,957	2,944	2,503	2,276	17	2,955	2,955
	比率	1%	745%	6%	-17%	-	1%	1%	-6%	-6%	-6%	-	-	-6%	23%	-1%	-1%	-1%	-1%	0%	-1%	-1%
沖縄	R4	307	307	296	0	0	307	307	259	259	259	0	0	258	258	285	291	229	205	0	290	290
	R3	309	11	298	0	0	309	309	196	196	196	0	0	196	0	294	295	233	214	0	294	294
	比率	-1%	2691%	-1%	-	-	-1%	-1%	32%	32%	32%	-	-	32%	-	-3%	-1%	-2%	-4%	-	-1%	-1%

3.5GHz帯 技術導入状況の調査結果(2/2)

修正後

v 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(4G+5G)							KDDI/沖縄セルラー(4G+5G)							ソフトバンク(4G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	30,896	30,899	24,675	7,380	0	30,895	28,943	18,490	18,501	15,927	6	1	13,473	16,834	29,356	29,196	26,841	24,465	329	29,443	29,389
	R3	30,077	30,032	23,317	7,243	0	30,077	28,225	19,438	19,465	16,644	7	1	13,535	16,062	29,706	29,681	27,312	24,899	187	29,702	29,047
	比率	3%	3%	6%	2%	-	3%	3%	-5%	-5%	-4%	-14%	0%	0%	5%	-1%	-2%	-2%	-2%	76%	-1%	1%
北海道	R4	1,258	1,258	1,172	0	0	1,258	1,258	454	454	454	0	0	454	454	1,070	1,091	1,082	1,018	6	1,097	1,093
	R3	1,256	1,256	1,159	0	0	1,256	1,256	496	503	502	0	0	502	356	1,080	1,076	1,067	1,015	6	1,076	1,076
	比率	0%	0%	1%	-	-	0%	0%	-8%	-10%	-10%	-	-	-10%	28%	-1%	1%	1%	0%	0%	2%	2%
東北	R4	1,714	1,714	1,434	13	0	1,714	0	1,111	1,112	1,112	0	0	1,112	1,112	2,127	2,136	2,127	1,967	0	2,131	2,118
	R3	1,701	1,656	1,421	13	0	1,701	0	1,204	1,206	1,206	1	0	1,206	863	2,128	2,132	2,123	1,975	0	2,127	2,123
	比率	1%	4%	1%	0%	-	1%	-	-8%	-8%	-8%	-100%	-	-8%	29%	0%	0%	0%	0%	-	0%	0%
関東	R4	12,190	12,193	8,438	4,498	0	12,193	12,193	8,384	8,391	6,353	6	1	5,789	7,001	9,833	9,802	8,690	7,906	92	9,846	9,829
	R3	12,124	12,124	8,236	4,388	0	12,124	12,124	8,618	8,629	6,429	6	1	5,667	7,106	10,029	10,056	8,909	8,063	62	10,037	9,986
	比率	1%	1%	2%	3%	-	1%	1%	-3%	-3%	-1%	0%	0%	2%	-1%	-2%	-3%	-2%	-2%	48%	-2%	-2%
信越	R4	851	851	616	116	0	851	851	439	439	439	0	0	149	439	1,211	1,227	1,227	1,158	2	1,228	1,200
	R3	581	581	641	69	0	581	581	460	460	460	0	0	134	460	1,224	1,235	1,235	1,173	0	1,224	751
	比率	46%	46%	-4%	68%	-	46%	46%	-5%	-5%	-5%	-	-	11%	-5%	-1%	-1%	-1%	-1%	-	0%	60%
北陸	R4	824	824	685	0	0	824	824	345	346	346	0	0	346	346	865	877	820	744	0	877	876
	R3	444	444	93	0	0	444	444	350	351	351	0	0	351	286	889	903	845	775	0	889	884
	比率	86%	86%	637%	-	-	86%	86%	-1%	-1%	-1%	-	-	-1%	21%	-3%	-3%	-3%	-4%	-	-1%	-1%
東海	R4	3,042	3,042	2,712	728	0	3,042	3,026	1,761	1,761	1,502	0	0	804	1,762	3,436	3,427	3,391	3,152	13	3,430	3,435
	R3	3,210	3,210	2,802	736	0	3,210	3,137	1,768	1,769	1,482	0	0	713	1,769	3,477	3,491	3,455	3,215	12	3,475	3,359
	比率	-5%	-5%	-3%	-1%	-	-5%	-4%	0%	0%	1%	-	-	13%	0%	-1%	-2%	-2%	-2%	8%	-1%	2%
近畿	R4	5,388	5,388	4,654	1,965	0	5,388	5,388	3,088	3,088	2,811	0	0	1,910	2,811	5,423	5,227	4,790	4,250	199	5,414	5,420
	R3	5,367	5,367	4,410	1,965	0	5,367	5,367	3,480	3,481	3,149	0	0	1,897	3,151	5,357	5,274	4,836	4,273	89	5,354	5,355
	比率	0%	0%	6%	0%	-	0%	0%	-11%	-11%	-11%	-	-	1%	-11%	1%	-1%	-1%	-1%	124%	1%	1%
中国	R4	1,357	1,357	1,045	0	0	1,357	1,135	960	960	960	0	0	960	960	1,500	1,504	1,339	1,206	0	1,503	1,503
	R3	1,337	1,337	890	0	0	1,337	1,259	1,051	1,051	1,051	0	0	1,051	671	1,506	1,511	1,345	1,213	0	1,506	1,499
	比率	1%	1%	17%	-	-	1%	-10%	-9%	-9%	-9%	-	-	-9%	43%	0%	0%	0%	-1%	-	0%	0%
四国	R4	1,125	1,125	1,073	0	0	1,121	1,121	403	403	403	0	0	403	403	687	690	666	611	0	690	690
	R3	924	924	879	0	0	924	924	449	449	449	0	0	449	356	765	764	761	707	1	765	765
	比率	22%	22%	22%	-	-	21%	21%	-10%	-10%	-10%	-	-	-10%	13%	-10%	-10%	-12%	-14%	-100%	-10%	-10%
九州	R4	2,840	2,840	2,550	60	0	2,840	2,840	1,286	1,288	1,288	0	0	1,288	1,288	2,919	2,924	2,480	2,248	17	2,937	2,935
	R3	2,824	2,824	2,488	72	0	2,824	2,824	1,366	1,370	1,369	0	0	1,369	1,044	2,957	2,944	2,503	2,276	17	2,955	2,955
	比率	1%	1%	2%	-17%	-	1%	1%	-6%	-6%	-6%	-	-	-6%	23%	-1%	-1%	-1%	-1%	0%	-1%	-1%
沖縄	R4	307	307	296	0	0	307	307	259	259	259	0	0	258	258	285	291	229	205	0	290	290
	R3	309	309	298	0	0	309	309	196	196	196	0	0	196	0	294	295	233	214	0	294	294
	比率	-1%	-1%	-1%	-	-	-1%	-1%	32%	32%	32%	-	-	32%	-	-3%	-1%	-2%	-4%	-	-1%	-1%

3.7GHz帯 調査結果

修正前

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL64QAM
ドコモ	5 G	64%	94%	94%	0%	6%	83%	79%
KDDI/沖縄セル	5 G	48%	81%	76%	0%	14%	100%	100%
ソフトバンク	5 G	100%	76%	76%	13%	24%	100%	100%
楽天モバイル	5 G	100%	0%	0%	0%	100%	100%	100%

修正後

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL64QAM
ドコモ	5 G	100%	100%	100%	0%	6%	88%	100%
KDDI/沖縄セル	5 G	48%	81%	76%	0%	14%	100%	100%
ソフトバンク	5 G	100%	76%	76%	13%	24%	100%	100%
楽天モバイル	5 G	100%	0%	0%	0%	100%	100%	100%

3.7GHz帯 技術導入状況の調査結果(1/2)

修正前

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	4,676	7,407	7,406	0	488	6,920	6,143	2,529	4,257	3,957	0	735	5,226	5,226	2,542	1,933	1,933	325	609	2,542	2,542	5,753	5	0	0	5,748	5,753	5,753
	全局数	7,895	7,895	7,895	7,895	7,895	7,895	7,895	5,226	5,226	5,226	5,226	5,226	5,226	5,226	2,542	2,542	2,542	2,542	2,542	2,542	2,542	5,753	5,753	5,753	5,753	5,753	5,753	5,753
	比率	59%	94%	94%	0%	6%	88%	78%	48%	81%	76%	0%	14%	100%	100%	100%	76%	76%	13%	24%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	0	469	469	0	59	526	417	56	196	196	0	3	199	199	188	168	168	4	20	188	188	298	0	0	0	298	298	298
北海道	導入局数	528	528	528	528	528	528	528	199	199	199	199	199	199	199	188	188	188	188	188	188	188	298	298	298	298	298	298	298
	全局数	528	528	528	528	528	528	528	199	199	199	199	199	199	199	188	188	188	188	188	188	188	298	298	298	298	298	298	298
	比率	0%	89%	89%	0%	11%	100%	79%	28%	98%	98%	0%	2%	100%	100%	100%	89%	89%	2%	11%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	0	450	450	0	46	238	0	79	223	223	0	18	241	241	212	198	198	9	14	212	212	364	0	0	0	364	364	364
東北	導入局数	496	496	496	496	496	496	496	241	241	241	241	241	241	241	212	212	212	212	212	212	212	364	364	364	364	364	364	364
	全局数	496	496	496	496	496	496	496	241	241	241	241	241	241	241	212	212	212	212	212	212	212	364	364	364	364	364	364	364
	比率	0%	91%	91%	0%	9%	48%	0%	33%	93%	93%	0%	7%	100%	100%	100%	93%	93%	4%	7%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	1,078	2,257	2,257	0	38	2,295	2,295	1,080	2,094	1,794	0	220	2,314	2,314	501	357	357	197	144	501	501	2,293	2	0	0	2,291	2,293	2,293
関東	導入局数	2,295	2,295	2,295	2,295	2,295	2,295	2,295	2,314	2,314	2,314	2,314	2,314	2,314	2,314	501	501	501	501	501	501	501	2,293	2,293	2,293	2,293	2,293	2,293	2,293
	全局数	2,295	2,295	2,295	2,295	2,295	2,295	2,295	2,314	2,314	2,314	2,314	2,314	2,314	2,314	501	501	501	501	501	501	501	2,293	2,293	2,293	2,293	2,293	2,293	2,293
	比率	47%	98%	98%	0%	2%	100%	100%	47%	90%	78%	0%	10%	100%	100%	100%	71%	71%	39%	29%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	153	436	436	0	4	440	440	86	151	151	0	6	157	157	72	61	61	2	11	72	72	131	2	0	0	129	131	131
信越	導入局数	440	440	440	440	440	440	440	157	157	157	157	157	157	157	72	72	72	72	72	72	72	131	131	131	131	131	131	131
	全局数	440	440	440	440	440	440	440	157	157	157	157	157	157	157	72	72	72	72	72	72	72	131	131	131	131	131	131	131
	比率	35%	99%	99%	0%	1%	100%	100%	55%	96%	96%	0%	4%	100%	100%	100%	85%	85%	3%	15%	100%	100%	100%	2%	0%	0%	98%	100%	100%
	導入局数	311	154	154	0	157	310	310	22	85	85	0	6	91	91	200	183	183	9	17	200	200	107	0	0	0	107	107	107
北陸	導入局数	311	311	311	311	311	311	311	91	91	91	91	91	91	91	200	200	200	200	200	200	200	107	107	107	107	107	107	107
	全局数	311	311	311	311	311	311	311	91	91	91	91	91	91	91	200	200	200	200	200	200	200	107	107	107	107	107	107	107
	比率	100%	50%	50%	0%	50%	100%	100%	24%	93%	93%	0%	7%	100%	100%	100%	92%	92%	5%	9%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	534	566	565	0	4	554	520	325	404	404	0	97	735	735	229	171	171	38	58	229	229	671	0	0	0	671	671	671
東海	導入局数	570	570	570	570	570	570	570	735	735	735	735	735	735	735	229	229	229	229	229	229	229	671	671	671	671	671	671	671
	全局数	570	570	570	570	570	570	570	735	735	735	735	735	735	735	229	229	229	229	229	229	229	671	671	671	671	671	671	671
	比率	94%	99%	99%	0%	1%	97%	91%	44%	55%	55%	0%	13%	100%	100%	100%	75%	75%	17%	25%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	848	818	818	0	30	712	712	412	519	519	0	228	747	747	359	129	129	43	230	359	359	913	0	0	0	913	913	913
近畿	導入局数	848	848	848	848	848	848	848	747	747	747	747	747	747	747	359	359	359	359	359	359	359	913	913	913	913	913	913	913
	全局数	848	848	848	848	848	848	848	747	747	747	747	747	747	747	359	359	359	359	359	359	359	913	913	913	913	913	913	913
	比率	100%	96%	96%	0%	4%	84%	84%	55%	69%	69%	0%	31%	100%	100%	100%	36%	36%	12%	64%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	695	678	678	0	31	709	599	104	191	191	0	16	207	207	259	243	243	9	16	259	259	239	0	0	0	239	239	239
中国	導入局数	709	709	709	709	709	709	709	207	207	207	207	207	207	207	259	259	259	259	259	259	259	239	239	239	239	239	239	239
	全局数	709	709	709	709	709	709	709	207	207	207	207	207	207	207	259	259	259	259	259	259	259	239	239	239	239	239	239	239
	比率	98%	96%	96%	0%	4%	100%	84%	50%	92%	92%	0%	8%	100%	100%	100%	94%	94%	3%	6%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	562	486	486	0	76	268	0	54	63	63	0	32	95	95	131	115	115	3	16	131	131	137	0	0	0	137	137	137
四国	導入局数	562	562	562	562	562	562	562	95	95	95	95	95	95	95	131	131	131	131	131	131	131	137	137	137	137	137	137	137
	全局数	562	562	562	562	562	562	562	95	95	95	95	95	95	95	131	131	131	131	131	131	131	137	137	137	137	137	137	137
	比率	100%	86%	86%	0%	14%	48%	0%	57%	66%	66%	0%	34%	100%	100%	100%	88%	88%	2%	12%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	453	1,050	1,050	0	43	826	826	260	280	280	0	109	389	389	385	302	302	10	83	385	385	508	0	0	0	508	508	508
九州	導入局数	1,093	1,093	1,093	1,093	1,093	1,093	1,093	389	389	389	389	389	389	389	385	385	385	385	385	385	385	508	508	508	508	508	508	508
	全局数	1,093	1,093	1,093	1,093	1,093	1,093	1,093	389	389	389	389	389	389	389	385	385	385	385	385	385	385	508	508	508	508	508	508	508
	比率	41%	96%	96%	0%	4%	76%	76%	67%	72%	72%	0%	28%	100%	100%	100%	78%	78%	3%	22%	100%	100%	100%	0%	0%	0%	100%	100%	100%
	導入局数	42	43	43	0	0	42	24	51	51	51	0	0	51	51	6	6	6	1	0	6	6	92	1	0	0	91	92	92
沖縄	導入局数	43	43	43	43	43	43	43	51	51	51	51	51	51	51	6	6	6	6	6	6	6	92	92	92	92	92	92	92
	全局数	43	43	43	43	43	43	43	51	51	51	51	51	51	51	6	6	6	6	6	6	6	92	92	92	92	92	92	92
	比率	98%	100%	100%	0%	0%	98%	56%	100%	100%	100%	0%	0%	100%	100%	100%	100%	100%	17%	0%	100%	100%	100%	1%	0%	0%	99%	100%	100%
	導入局数																												

3.7GHz帯 技術導入状況の調査結果(1/2)

修正後

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	7,895	7,895	7,895	0	488	6,920	7,895	2,529	4,257	3,957	0	735	5,226	5,226	2,542	1,933	1,933	325	609	2,542	2,542	5,753	5	0	0	5,748	5,753	5,753
	全局数	7,895	7,895	7,895	7,895	7,895	7,895	7,895	5,226	5,226	5,226	5,226	5,226	5,226	5,226	2,542	2,542	2,542	2,542	2,542	2,542	2,542	5,753	5,753	5,753	5,753	5,753	5,753	5,753
	比率	100%	100%	100%	0%	6%	88%	100%	48%	81%	76%	0%	14%	100%	100%	100%	76%	76%	13%	24%	100%	100%	100%	0%	0%	0%	100%	100%	100%
北海道	導入局数	528	528	528	0	59	526	528	56	196	196	0	3	199	199	188	168	168	4	20	188	188	298	0	0	0	298	298	298
	全局数	528	528	528	528	528	528	528	199	199	199	199	199	199	199	188	188	188	188	188	188	188	298	298	298	298	298	298	298
	比率	100%	100%	100%	0%	11%	100%	100%	28%	98%	98%	0%	2%	100%	100%	100%	89%	89%	2%	11%	100%	100%	100%	0%	0%	0%	100%	100%	100%
東北	導入局数	496	496	496	0	46	238	496	79	223	223	0	18	241	241	212	198	198	9	14	212	212	364	0	0	0	364	364	364
	全局数	496	496	496	496	496	496	496	241	241	241	241	241	241	241	212	212	212	212	212	212	212	364	364	364	364	364	364	364
	比率	100%	100%	100%	0%	9%	48%	100%	33%	93%	93%	0%	7%	100%	100%	100%	93%	93%	4%	7%	100%	100%	100%	0%	0%	0%	100%	100%	100%
関東	導入局数	2,295	2,295	2,295	0	38	2,295	2,295	1,080	2,094	1,794	0	220	2,314	2,314	501	357	357	197	144	501	501	2,293	2	0	0	2,291	2,293	2,293
	全局数	2,295	2,295	2,295	2,295	2,295	2,295	2,295	2,314	2,314	2,314	2,314	2,314	2,314	2,314	501	501	501	501	501	501	501	2,293	2,293	2,293	2,293	2,293	2,293	2,293
	比率	100%	100%	100%	0%	2%	100%	100%	47%	90%	78%	0%	10%	100%	100%	100%	71%	71%	39%	29%	100%	100%	100%	0%	0%	0%	100%	100%	100%
信越	導入局数	440	440	440	0	4	440	440	86	151	151	0	6	157	157	72	61	61	2	11	72	72	131	2	0	0	129	131	131
	全局数	440	440	440	440	440	440	440	157	157	157	157	157	157	157	72	72	72	72	72	72	72	131	131	131	131	131	131	131
	比率	100%	100%	100%	0%	1%	100%	100%	55%	96%	96%	0%	4%	100%	100%	100%	85%	85%	3%	15%	100%	100%	100%	2%	0%	0%	98%	100%	100%
北陸	導入局数	311	311	311	0	157	310	311	22	85	85	0	6	91	91	200	183	183	9	17	200	200	107	0	0	0	107	107	107
	全局数	311	311	311	311	311	311	311	91	91	91	91	91	91	91	200	200	200	200	200	200	200	107	107	107	107	107	107	107
	比率	100%	100%	100%	0%	50%	100%	100%	24%	93%	93%	0%	7%	100%	100%	100%	92%	92%	5%	9%	100%	100%	100%	0%	0%	0%	100%	100%	100%
東海	導入局数	570	570	570	0	4	554	570	325	404	404	0	97	735	735	229	171	171	38	58	229	229	671	0	0	0	671	671	671
	全局数	570	570	570	570	570	570	570	735	735	735	735	735	735	735	229	229	229	229	229	229	229	671	671	671	671	671	671	671
	比率	100%	100%	100%	0%	1%	97%	100%	44%	55%	55%	0%	13%	100%	100%	100%	75%	75%	17%	25%	100%	100%	100%	0%	0%	0%	100%	100%	100%
近畿	導入局数	848	848	848	0	30	712	848	412	519	519	0	228	747	747	359	129	129	43	230	359	359	913	0	0	0	913	913	913
	全局数	848	848	848	848	848	848	848	747	747	747	747	747	747	747	359	359	359	359	359	359	359	913	913	913	913	913	913	913
	比率	100%	100%	100%	0%	4%	84%	100%	55%	69%	69%	0%	31%	100%	100%	100%	36%	36%	12%	64%	100%	100%	100%	0%	0%	0%	100%	100%	100%
中国	導入局数	709	709	709	0	31	709	709	104	191	191	0	16	207	207	259	243	243	9	16	259	259	239	0	0	0	239	239	239
	全局数	709	709	709	709	709	709	709	207	207	207	207	207	207	207	259	259	259	259	259	259	259	239	239	239	239	239	239	239
	比率	100%	100%	100%	0%	4%	100%	100%	50%	92%	92%	0%	8%	100%	100%	100%	94%	94%	3%	6%	100%	100%	100%	0%	0%	0%	100%	100%	100%
四国	導入局数	562	562	562	0	76	268	562	54	63	63	0	32	95	95	131	115	115	3	16	131	131	137	0	0	0	137	137	137
	全局数	562	562	562	562	562	562	562	95	95	95	95	95	95	95	131	131	131	131	131	131	131	137	137	137	137	137	137	137
	比率	100%	100%	100%	0%	14%	48%	100%	57%	66%	66%	0%	34%	100%	100%	100%	88%	88%	2%	12%	100%	100%	100%	0%	0%	0%	100%	100%	100%
九州	導入局数	1,093	1,093	1,093	0	43	826	1,093	260	280	280	0	109	389	389	385	302	302	10	83	385	385	508	0	0	0	508	508	508
	全局数	1,093	1,093	1,093	1,093	1,093	1,093	1,093	389	389	389	389	389	389	389	385	385	385	385	385	385	385	508	508	508	508	508	508	508
	比率	100%	100%	100%	0%	4%	76%	100%	67%	72%	72%	0%	28%	100%	100%	100%	78%	78%	3%	22%	100%	100%	100%	0%	0%	0%	100%	100%	100%
沖縄	導入局数	43	43	43	0	0	42	43	51	51	51	0	0	51	51	6	6	6	1	0	6	6	92	1	0	0	91	92	92
	全局数	43	43	43	43	43	43	43	51	51	51	51	51	51	51	6	6	6	6	6	6	6	92	92	92	92	92	92	92
	比率	100%	100%	100%	0%	0%	98%	100%	100%	100%	100%	0%	0%	100%	100%	100%	100%	100%	17%	0%	100%	100%	100%	1%	0%	0%	99%	100%	100%

3.7GHz帯 技術導入状況の調査結果(2/2)

修正前

ii 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	5,054	7,407	7,406	0	488	6,920	6,143	2,529	4,257	3,957	0	735	5,226	5,226	2,542	1,933	1,933	325	609	2,542	2,542	5,753	5	0	0	5,748	5,753	5,753
	R3	2,267	1	2,878	0	257	3,136	2,137	1,932	1,469	1,469	0	463	1,932	1,932	785	306	306	163	479	785	785	711	0	0	0	711	711	711
	比率	123%	740600%	157%	-	90%	121%	187%	31%	190%	169%	-	59%	170%	170%	224%	532%	532%	99%	27%	224%	224%	709%	-	-	-	708%	709%	709%
北海道	R4	378	469	469	0	59	526	417	56	196	196	0	3	199	199	188	168	168	4	20	188	188	298	0	0	0	298	298	298
	R3	164	0	218	0	32	250	190	32	30	30	0	2	32	32	33	13	13	5	20	33	33	35	0	0	0	35	35	35
	比率	130%	-	115%	-	84%	110%	119%	75%	553%	553%	-	50%	522%	522%	470%	1192%	1192%	-20%	0%	470%	470%	751%	-	-	-	751%	751%	751%
東北	R4	0	450	450	0	46	238	0	79	223	223	0	18	241	241	212	198	198	9	14	212	212	364	0	0	0	364	364	364
	R3	0	0	211	0	27	238	0	71	54	54	0	17	71	71	40	27	27	12	13	40	40	39	0	0	0	39	39	39
	比率	-	-	113%	-	70%	0%	-	11%	313%	313%	-	6%	239%	239%	430%	633%	633%	-25%	8%	430%	430%	833%	-	-	-	833%	833%	833%
関東	R4	1,078	2,257	2,257	0	38	2,295	2,295	1,080	2,094	1,794	0	220	2,314	2,314	501	357	357	197	144	501	501	2,293	2	0	0	2,291	2,293	2,293
	R3	682	0	672	0	10	682	682	863	706	706	0	157	863	863	194	101	101	74	93	194	194	312	0	0	0	312	312	312
	比率	58%	-	236%	-	280%	237%	237%	25%	197%	154%	-	40%	168%	168%	158%	253%	253%	166%	55%	158%	158%	635%	-	-	-	634%	635%	635%
信越	R4	153	436	436	0	4	440	440	86	151	151	0	6	157	157	72	61	61	2	11	72	72	131	2	0	0	129	131	131
	R3	121	0	120	0	1	121	121	90	87	87	0	3	90	90	5	2	2	1	3	5	5	14	0	0	0	14	14	14
	比率	26%	-	263%	-	300%	264%	264%	-4%	74%	74%	-	100%	74%	74%	1340%	2950%	2950%	100%	267%	1340%	1340%	836%	-	-	-	821%	836%	836%
北陸	R4	311	154	154	0	157	310	310	22	85	85	0	6	91	91	200	183	183	9	17	200	200	107	0	0	0	107	107	107
	R3	147	0	62	0	84	146	147	17	11	11	0	6	17	17	31	20	20	6	11	31	31	9	0	0	0	9	9	9
	比率	112%	-	148%	-	87%	112%	111%	29%	673%	673%	-	0%	435%	435%	545%	815%	815%	50%	55%	545%	545%	1089%	-	-	-	1089%	1089%	1089%
東海	R4	534	566	565	0	4	554	520	325	404	404	0	97	735	735	229	171	171	38	58	229	229	671	0	0	0	671	671	671
	R3	364	1	393	0	4	398	364	206	164	164	0	42	206	206	91	34	34	25	57	91	91	81	0	0	0	81	81	81
	比率	47%	56500%	44%	-	0%	39%	43%	58%	146%	146%	-	131%	257%	257%	152%	403%	403%	52%	2%	152%	152%	728%	-	-	-	728%	728%	728%
近畿	R4	848	818	818	0	30	712	712	412	519	519	0	228	747	747	359	129	129	43	230	359	359	913	0	0	0	913	913	913
	R3	357	0	332	0	24	356	357	248	167	167	0	81	248	248	223	27	27	20	196	223	223	120	0	0	0	120	120	120
	比率	138%	-	146%	-	25%	100%	99%	66%	211%	211%	-	181%	201%	201%	61%	378%	378%	115%	17%	61%	61%	661%	-	-	-	661%	661%	661%
中国	R4	695	678	678	0	31	709	599	104	191	191	0	16	207	207	259	243	243	9	16	259	259	239	0	0	0	239	239	239
	R3	164	0	262	0	14	276	276	69	55	55	0	14	69	69	46	30	30	10	16	46	46	25	0	0	0	25	25	25
	比率	324%	-	159%	-	121%	157%	117%	51%	247%	247%	-	14%	200%	200%	463%	710%	710%	-10%	0%	463%	463%	856%	-	-	-	856%	856%	856%
四国	R4	562	486	486	0	76	268	0	54	63	63	0	32	95	95	131	115	115	3	16	131	131	137	0	0	0	137	137	137
	R3	268	0	217	0	51	268	0	54	22	22	0	32	54	54	26	14	14	3	12	26	26	11	0	0	0	11	11	11
	比率	110%	-	124%	-	49%	0%	-	0%	186%	186%	-	0%	76%	76%	404%	721%	721%	0%	33%	404%	404%	1145%	-	-	-	1145%	1145%	1145%
九州	R4	453	1,050	1,050	0	43	826	826	260	280	280	0	109	389	389	385	302	302	10	83	385	385	508	0	0	0	508	508	508
	R3	0	0	362	0	10	372	0	254	145	145	0	109	254	254	95	37	37	7	58	95	95	55	0	0	0	55	55	55
	比率	-	-	190%	-	330%	122%	-	2%	93%	93%	-	0%	53%	53%	305%	716%	716%	43%	43%	305%	305%	824%	-	-	-	824%	824%	824%
沖縄	R4	42	43	43	0	0	42	24	51	51	51	0	0	51	51	6	6	6	1	0	6	6	92	1	0	0	91	92	92
	R3	0	0	29	0	0	29	0	28	28	28	0	0	28	28	1	1	1	0	0	1	1	10	0	0	0	10	10	10
	比率	-	-	48%	-	-	45%	-	82%	82%	82%	-	-	82%	82%	500%	500%	500%	-	-	500%	500%	820%	-	-	-	810%	820%	820%

3.7GHz帯 技術導入状況の調査結果(2/2)

修正後

ii 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	7,895	7,895	7,895	0	488	6,920	7,895	2,529	4,257	3,957	0	735	5,226	5,226	2,542	1,933	1,933	325	609	2,542	2,542	5,753	5	0	0	5,748	5,753	5,753
	R3	2,267	1	2,878	0	257	3,136	2,137	1,932	1,469	1,469	0	463	1,932	1,932	785	306	306	163	479	785	785	711	0	0	0	711	711	711
	比率	248%	789400%	174%	-	90%	121%	269%	31%	190%	169%	-	59%	170%	170%	224%	532%	532%	99%	27%	224%	224%	709%	-	-	-	708%	709%	709%
北海道	R4	528	528	528	0	59	526	528	56	196	196	0	3	199	199	188	168	168	4	20	188	188	298	0	0	0	298	298	298
	R3	164	0	218	0	32	250	190	32	30	30	0	2	32	32	33	13	13	5	20	33	33	35	0	0	0	35	35	35
	比率	222%	-	142%	-	84%	110%	178%	75%	553%	553%	-	50%	522%	522%	470%	1192%	1192%	-20%	0%	470%	470%	751%	-	-	-	751%	751%	751%
東北	R4	496	496	496	0	46	238	496	79	223	223	0	18	241	241	212	198	198	9	14	212	212	364	0	0	0	364	364	364
	R3	0	0	211	0	27	238	0	71	54	54	0	17	71	71	40	27	27	12	13	40	40	39	0	0	0	39	39	39
	比率	-	-	135%	-	70%	0%	-	11%	313%	313%	-	6%	239%	239%	430%	633%	633%	-25%	8%	430%	430%	833%	-	-	-	833%	833%	833%
関東	R4	2,295	2,295	2,295	0	38	2,295	2,295	1,080	2,094	1,794	0	220	2,314	2,314	501	357	357	197	144	501	501	2,293	2	0	0	2,291	2,293	2,293
	R3	682	0	672	0	10	682	682	863	706	706	0	157	863	863	194	101	101	74	93	194	194	312	0	0	0	312	312	312
	比率	237%	-	242%	-	280%	237%	237%	25%	197%	154%	-	40%	168%	168%	158%	253%	253%	166%	55%	158%	158%	635%	-	-	-	634%	635%	635%
信越	R4	440	440	440	0	4	440	440	86	151	151	0	6	157	157	72	61	61	2	11	72	72	131	2	0	0	129	131	131
	R3	121	0	120	0	1	121	121	90	87	87	0	3	90	90	5	2	2	1	3	5	5	14	0	0	0	14	14	14
	比率	264%	-	267%	-	300%	264%	264%	-4%	74%	74%	-	100%	74%	74%	1340%	2950%	2950%	100%	267%	1340%	1340%	836%	-	-	-	821%	836%	836%
北陸	R4	311	311	311	0	157	310	311	22	85	85	0	6	91	91	200	183	183	9	17	200	200	107	0	0	0	107	107	107
	R3	147	0	62	0	84	146	147	17	11	11	0	6	17	17	31	20	20	6	11	31	31	9	0	0	0	9	9	9
	比率	112%	-	402%	-	87%	112%	112%	29%	673%	673%	-	0%	435%	435%	545%	815%	815%	50%	55%	545%	545%	1089%	-	-	-	1089%	1089%	1089%
東海	R4	570	570	570	0	4	554	570	325	404	404	0	97	735	735	229	171	171	38	58	229	229	671	0	0	0	671	671	671
	R3	364	1	393	0	4	398	364	206	164	164	0	42	206	206	91	34	34	25	57	91	91	81	0	0	0	81	81	81
	比率	57%	56900%	45%	-	0%	39%	57%	58%	146%	146%	-	131%	257%	257%	152%	403%	403%	52%	2%	152%	152%	728%	-	-	-	728%	728%	728%
近畿	R4	848	848	848	0	30	712	848	412	519	519	0	228	747	747	359	129	129	43	230	359	359	913	0	0	0	913	913	913
	R3	357	0	332	0	24	356	357	248	167	167	0	81	248	248	223	27	27	20	196	223	223	120	0	0	0	120	120	120
	比率	138%	-	155%	-	25%	100%	138%	66%	211%	211%	-	181%	201%	201%	61%	378%	378%	115%	17%	61%	61%	661%	-	-	-	661%	661%	661%
中国	R4	709	709	709	0	31	709	709	104	191	191	0	16	207	207	259	243	243	9	16	259	259	239	0	0	0	239	239	239
	R3	164	0	262	0	14	276	276	69	55	55	0	14	69	69	46	30	30	10	16	46	46	25	0	0	0	25	25	25
	比率	332%	-	171%	-	121%	157%	157%	51%	247%	247%	-	14%	200%	200%	463%	710%	710%	-10%	0%	463%	463%	856%	-	-	-	856%	856%	856%
四国	R4	562	562	562	0	76	268	562	54	63	63	0	32	95	95	131	115	115	3	16	131	131	137	0	0	0	137	137	137
	R3	268	0	217	0	51	268	0	54	22	22	0	32	54	54	26	14	14	3	12	26	26	11	0	0	0	11	11	11
	比率	110%	-	159%	-	49%	0%	-	0%	186%	186%	-	0%	76%	76%	404%	721%	721%	0%	33%	404%	404%	1145%	-	-	-	1145%	1145%	1145%
九州	R4	1,093	1,093	1,093	0	43	826	1,093	260	280	280	0	109	389	389	385	302	302	10	83	385	385	508	0	0	0	508	508	508
	R3	0	0	362	0	10	372	0	254	145	145	0	109	254	254	95	37	37	7	58	95	95	55	0	0	0	55	55	55
	比率	-	-	202%	-	330%	122%	-	2%	93%	93%	-	0%	53%	53%	305%	716%	716%	43%	43%	305%	305%	824%	-	-	-	824%	824%	824%
沖縄	R4	43	43	43	0	0	42	43	51	51	51	0	0	51	51	6	6	6	1	0	6	6	92	1	0	0	91	92	92
	R3	0	0	29	0	0	29	0	28	28	28	0	0	28	28	1	1	1	0	0	1	1	10	0	0	0	10	10	10
	比率	-	-	48%	-	-	45%	-	82%	82%	82%	-	-	82%	82%	500%	500%	500%	-	-	500%	500%	820%	-	-	-	810%	820%	820%

4.5GHz帯 調査結果

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL64QAM
ドコモ	5 G	55%	92%	92%	0%	8%	84%	81%

修正後

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL 64QAM
ドコモ	5 G	100%	100%	100%	0%	8%	85%	100%

4.5GHz帯 技術導入状況の調査結果(1/2)

修正前

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	4,624	7,977	7,977	0	701	7,370	7,054
	全局数	8,678	8,678	8,678	8,678	8,678	8,678	8,678
	比率	53%	92%	92%	0%	8%	85%	81%
北海道	導入局数	701	606	606	0	95	585	645
	全局数	701	701	701	701	701	701	701
	比率	0%	86%	86%	0%	14%	83%	92%
東北	導入局数	0	481	481	0	56	461	0
	全局数	537	537	537	537	537	537	537
	比率	0%	90%	90%	0%	10%	86%	0%
関東	導入局数	1,078	3,288	3,288	0	125	2,879	2,879
	全局数	3,413	3,413	3,413	3,413	3,413	3,413	3,413
	比率	32%	96%	96%	0%	4%	84%	84%
信越	導入局数	153	156	156	0	5	147	147
	全局数	161	161	161	161	161	161	161
	比率	95%	97%	97%	0%	3%	91%	91%
北陸	導入局数	138	40	40	0	98	91	136
	全局数	138	138	138	138	138	138	138
	比率	100%	29%	29%	0%	71%	66%	99%
東海	導入局数	905	727	727	0	208	781	887
	全局数	935	935	935	935	935	935	935
	比率	97%	78%	78%	0%	22%	84%	95%
近畿	導入局数	1,414	1,370	1,370	0	44	1,409	1,409
	全局数	1,414	1,414	1,414	1,414	1,414	1,414	1,414
	比率	100%	97%	97%	0%	3%	100%	100%
中国	導入局数	380	456	456	0	25	371	371
	全局数	481	481	481	481	481	481	481
	比率	79%	95%	95%	0%	5%	77%	77%
四国	導入局数	66	113	113	0	22	66	0
	全局数	135	135	135	135	135	135	135
	比率	49%	84%	84%	0%	16%	49%	0%
九州	導入局数	448	642	642	0	18	490	490
	全局数	660	660	660	660	660	660	660
	比率	68%	97%	97%	0%	3%	74%	74%
沖縄	導入局数	42	98	98	0	5	90	90
	全局数	103	103	103	103	103	103	103
	比率	41%	95%	95%	0%	5%	87%	87%

4.5GHz帯 技術導入状況の調査結果(1/2)

修正後

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	8,678	8,678	8,678	0	701	7,370	8,678
	全局数	8,678	8,678	8,678	8,678	8,678	8,678	8,678
	比率	100%	100%	100%	0%	8%	85%	100%
北海道	導入局数	701	701	701	0	95	585	701
	全局数	701	701	701	701	701	701	701
	比率	100%	100%	100%	0%	14%	83%	100%
東北	導入局数	537	537	537	0	56	461	537
	全局数	537	537	537	537	537	537	537
	比率	100%	100%	100%	0%	10%	86%	100%
関東	導入局数	3,413	3,413	3,413	0	125	2,879	3,413
	全局数	3,413	3,413	3,413	3,413	3,413	3,413	3,413
	比率	100%	100%	100%	0%	4%	84%	100%
信越	導入局数	161	161	161	0	5	147	161
	全局数	161	161	161	161	161	161	161
	比率	100%	100%	100%	0%	3%	91%	100%
北陸	導入局数	138	138	138	0	98	91	138
	全局数	138	138	138	138	138	138	138
	比率	100%	100%	100%	0%	71%	66%	100%
東海	導入局数	935	935	935	0	208	781	935
	全局数	935	935	935	935	935	935	935
	比率	100%	100%	100%	0%	22%	84%	100%
近畿	導入局数	1,414	1,414	1,414	0	44	1,409	1,414
	全局数	1,414	1,414	1,414	1,414	1,414	1,414	1,414
	比率	100%	100%	100%	0%	3%	100%	100%
中国	導入局数	481	481	481	0	25	371	481
	全局数	481	481	481	481	481	481	481
	比率	100%	100%	100%	0%	5%	77%	100%
四国	導入局数	135	135	135	0	22	66	135
	全局数	135	135	135	135	135	135	135
	比率	100%	100%	100%	0%	16%	49%	100%
九州	導入局数	660	660	660	0	18	490	660
	全局数	660	660	660	660	660	660	660
	比率	100%	100%	100%	0%	3%	74%	100%
沖縄	導入局数	103	103	103	0	5	90	103
	全局数	103	103	103	103	103	103	103
	比率	100%	100%	100%	0%	5%	87%	100%

4.5GHz帯 技術導入状況の調査結果(2/2)

修正前

ii 技術導入状況

○前年度比較

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

		NTTドコモ(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	5,002	7,977	7,977	0	701	7,370	7,054
	R3	1,865	0	2,349	0	254	2,603	1,914
	比率	168%	-	240%	-	176%	183%	269%
北海道	R4	378	606	606	0	95	585	645
	R3	164	0	249	0	34	283	220
	比率	130%	-	143%	-	179%	107%	193%
東北	R4	0	481	481	0	56	461	0
	R3	0	0	196	0	28	224	0
	比率	-	-	145%	-	100%	106%	-
関東	R4	1,078	3,288	3,288	0	125	2,879	2,879
	R3	655	0	601	0	54	655	655
	比率	65%	-	447%	-	131%	340%	340%
信越	R4	153	156	156	0	5	147	147
	R3	42	0	40	0	2	42	42
	比率	264%	-	290%	-	150%	250%	250%
北陸	R4	138	40	40	0	98	91	136
	R3	67	0	18	0	49	67	67
	比率	106%	-	122%	-	100%	36%	103%
東海	R4	905	727	727	0	208	781	887
	R3	243	0	228	0	32	260	243
	比率	272%	-	219%	-	550%	200%	265%
近畿	R4	1,414	1,370	1,370	0	44	1,409	1,409
	R3	464	0	440	0	23	463	464
	比率	205%	-	211%	-	91%	204%	204%
中国	R4	380	456	456	0	25	371	371
	R3	164	0	210	0	13	223	223
	比率	132%	-	117%	-	92%	66%	66%
四国	R4	66	113	113	0	22	66	0
	R3	66	0	55	0	11	66	0
	比率	0%	-	105%	-	100%	0%	-
九州	R4	448	642	642	0	18	490	490
	R3	0	0	276	0	8	284	0
	比率	-	-	133%	-	125%	73%	-
沖縄	R4	42	98	98	0	5	90	90
	R3	0	0	36	0	0	36	0
	比率	-	-	172%	-	-	150%	-

4.5GHz帯 技術導入状況の調査結果(2/2)

修正後

ii 技術導入状況

○前年度比較

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

		NTTドコモ(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	8,678	8,678	8,678	0	701	7,370	8,678
	R3	1,865	0	2,349	0	254	2,603	1,914
	比率	365%	-	269%	-	176%	183%	353%
北海道	R4	701	701	701	0	95	585	701
	R3	164	0	249	0	34	283	220
	比率	327%	-	182%	-	179%	107%	219%
東北	R4	537	537	537	0	56	461	537
	R3	0	0	196	0	28	224	0
	比率	-	-	174%	-	100%	106%	-
関東	R4	3,413	3,413	3,413	0	125	2,879	3,413
	R3	655	0	601	0	54	655	655
	比率	421%	-	468%	-	131%	340%	421%
信越	R4	161	161	161	0	5	147	161
	R3	42	0	40	0	2	42	42
	比率	283%	-	303%	-	150%	250%	283%
北陸	R4	138	138	138	0	98	91	138
	R3	67	0	18	0	49	67	67
	比率	106%	-	667%	-	100%	36%	106%
東海	R4	935	935	935	0	208	781	935
	R3	243	0	228	0	32	260	243
	比率	285%	-	310%	-	550%	200%	285%
近畿	R4	1,414	1,414	1,414	0	44	1,409	1,414
	R3	464	0	440	0	23	463	464
	比率	205%	-	221%	-	91%	204%	205%
中国	R4	481	481	481	0	25	371	481
	R3	164	0	210	0	13	223	223
	比率	193%	-	129%	-	92%	66%	116%
四国	R4	135	135	135	0	22	66	135
	R3	66	0	55	0	11	66	0
	比率	105%	-	145%	-	100%	0%	-
九州	R4	660	660	660	0	18	490	660
	R3	0	0	276	0	8	284	0
	比率	-	-	139%	-	125%	73%	-
沖縄	R4	103	103	103	0	5	90	103
	R3	0	0	36	0	0	36	0
	比率	-	-	186%	-	-	150%	-

28GHz帯 調査結果

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL64QAM
ドコモ	5 G	100%	0%	0%	0%	100%	0%	81%
KDDI/沖縄セル	5 G	100%	0%	0%	0%	100%	0%	100%
ソフトバンク	5 G	100%	0%	0%	0%	100%	0%	100%
楽天モバイル	5 G	100%	0%	0%	0%	100%	0%	100%

修正後

ii 技術導入状況

技術導入率		C A	2MIMO	4MIMO	8MIMO	MMIMO	256QAM	UL64QAM
ドコモ	5 G	100%	100%	0%	0%	100%	100%	100%
KDDI/沖縄セル	5 G	100%	0%	0%	0%	100%	0%	100%
ソフトバンク	5 G	100%	0%	0%	0%	100%	0%	100%
楽天モバイル	5 G	100%	0%	0%	0%	100%	0%	100%

28GHz帯 技術導入状況の調査結果(1/2)

修正前

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	2,804	0	0	0	3,140	0	2,778	2,328	0	0	0	2,328	0	2,328	2,265	0	0	0	2,265	0	2,265	5,485	0	0	0	5,485	0	5,485
	全局数	3,140	3,140	3,140	3,140	3,140	3,140	3,140	2,328	2,328	2,328	2,328	2,328	2,328	2,328	2,265	2,265	2,265	2,265	2,265	2,265	2,265	5,485	5,485	5,485	5,485	5,485	5,485	5,485
	比率	89%	0%	0%	0%	100%	0%	88%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
北海道	導入局数		0	0	0	336	0	336	32	0	0	0	32	0	32	66	0	0	0	66	0	66	295	0	0	0	295	0	295
	全局数	336	336	336	336	336	336	336	32	32	32	32	32	32	32	66	66	66	66	66	66	66	295	295	295	295	295	295	295
	比率	0%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
東北	導入局数	355	0	0	0	355	0	164	71	0	0	0	71	0	71	112	0	0	0	112	0	112	342	0	0	0	342	0	342
	全局数	355	355	355	355	355	355	355	71	71	71	71	71	71	71	112	112	112	112	112	112	112	342	342	342	342	342	342	342
	比率	100%	0%	0%	0%	100%	0%	46%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
関東	導入局数	700	0	0	0	700	0	700	1,208	0	0	0	1,208	0	1,208	763	0	0	0	763	0	763	2,164	0	0	0	2,164	0	2,164
	全局数	700	700	700	700	700	700	700	1,208	1,208	1,208	1,208	1,208	1,208	1,208	763	763	763	763	763	763	763	2,164	2,164	2,164	2,164	2,164	2,164	2,164
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
信越	導入局数	142	0	0	0	142	0	142	102	0	0	0	102	0	102	24	0	0	0	24	0	24	121	0	0	0	121	0	121
	全局数	142	142	142	142	142	142	142	102	102	102	102	102	102	102	24	24	24	24	24	24	24	121	121	121	121	121	121	121
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
北陸	導入局数	136	0	0	0	136	0	136	22	0	0	0	22	0	22	33	0	0	0	33	0	33	107	0	0	0	107	0	107
	全局数	136	136	136	136	136	136	136	22	22	22	22	22	22	22	33	33	33	33	33	33	33	107	107	107	107	107	107	107
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
東海	導入局数	299	0	0	0	299	0	296	227	0	0	0	227	0	227	266	0	0	0	266	0	266	641	0	0	0	641	0	641
	全局数	299	299	299	299	299	299	299	227	227	227	227	227	227	227	266	266	266	266	266	266	266	641	641	641	641	641	641	641
	比率	100%	0%	0%	0%	100%	0%	99%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
近畿	導入局数	366	0	0	0	366	0	366	255	0	0	0	255	0	255	739	0	0	0	739	0	739	861	0	0	0	861	0	861
	全局数	366	366	366	366	366	366	366	255	255	255	255	255	255	255	739	739	739	739	739	739	739	861	861	861	861	861	861	861
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
中国	導入局数	277	0	0	0	277	0	187	77	0	0	0	77	0	77	68	0	0	0	68	0	68	231	0	0	0	231	0	231
	全局数	277	277	277	277	277	277	277	77	77	77	77	77	77	77	68	68	68	68	68	68	68	231	231	231	231	231	231	231
	比率	100%	0%	0%	0%	100%	0%	68%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
四国	導入局数	180	0	0	0	180	0	102	60	0	0	0	60	0	60	44	0	0	0	44	0	44	138	0	0	0	138	0	138
	全局数	180	180	180	180	180	180	180	60	60	60	60	60	60	60	44	44	44	44	44	44	44	138	138	138	138	138	138	138
	比率	100%	0%	0%	0%	100%	0%	57%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
九州	導入局数	324	0	0	0	324	0	324	253	0	0	0	253	0	253	104	0	0	0	104	0	104	496	0	0	0	496	0	496
	全局数	324	324	324	324	324	324	324	253	253	253	253	253	253	253	104	104	104	104	104	104	104	496	496	496	496	496	496	496
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
沖縄	導入局数	25	0	0	0	25	0	25	21	0	0	0	21	0	21	46	0	0	0	46	0	46	89	0	0	0	89	0	89
	全局数	25	25	25	25	25	25	25	21	21	21	21	21	21	21	46	46	46	46	46	46	46	89	89	89	89	89	89	89
	比率	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%

28GHz帯 技術導入状況の調査結果(1/2)

修正後

ii 技術導入状況

○技術導入率

■ 50%超え □ 50%以下

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	導入局数	3,140	3,140	0	0	3,140	3,140	3,140	2,328	0	0	0	2,328	0	2,328	2,265	0	0	0	2,265	0	2,265	5,485	0	0	0	5,485	0	5,485
	全局数	3,140	3,140	3,140	3,140	3,140	3,140	3,140	2,328	2,328	2,328	2,328	2,328	2,328	2,328	2,265	2,265	2,265	2,265	2,265	2,265	2,265	5,485	5,485	5,485	5,485	5,485	5,485	5,485
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
北海道	導入局数	336	336	0	0	336	336	336	32	0	0	0	32	0	32	66	0	0	0	66	0	66	295	0	0	0	295	0	295
	全局数	336	336	336	336	336	336	336	32	32	32	32	32	32	32	66	66	66	66	66	66	66	295	295	295	295	295	295	295
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
東北	導入局数	355	355	0	0	355	355	355	71	0	0	0	71	0	71	112	0	0	0	112	0	112	342	0	0	0	342	0	342
	全局数	355	355	355	355	355	355	355	71	71	71	71	71	71	71	112	112	112	112	112	112	112	342	342	342	342	342	342	342
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
関東	導入局数	700	700	0	0	700	700	700	1,208	0	0	0	1,208	0	1,208	763	0	0	0	763	0	763	2,164	0	0	0	2,164	0	2,164
	全局数	700	700	700	700	700	700	700	1,208	1,208	1,208	1,208	1,208	1,208	1,208	763	763	763	763	763	763	763	2,164	2,164	2,164	2,164	2,164	2,164	2,164
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
信越	導入局数	142	142	0	0	142	142	142	102	0	0	0	102	0	102	24	0	0	0	24	0	24	121	0	0	0	121	0	121
	全局数	142	142	142	142	142	142	142	102	102	102	102	102	102	102	24	24	24	24	24	24	24	121	121	121	121	121	121	121
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
北陸	導入局数	136	136	0	0	136	136	136	22	0	0	0	22	0	22	33	0	0	0	33	0	33	107	0	0	0	107	0	107
	全局数	136	136	136	136	136	136	136	22	22	22	22	22	22	22	33	33	33	33	33	33	33	107	107	107	107	107	107	107
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
東海	導入局数	299	299	0	0	299	299	299	227	0	0	0	227	0	227	266	0	0	0	266	0	266	641	0	0	0	641	0	641
	全局数	299	299	299	299	299	299	299	227	227	227	227	227	227	227	266	266	266	266	266	266	266	641	641	641	641	641	641	641
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
近畿	導入局数	366	366	0	0	366	366	366	255	0	0	0	255	0	255	739	0	0	0	739	0	739	861	0	0	0	861	0	861
	全局数	366	366	366	366	366	366	366	255	255	255	255	255	255	255	739	739	739	739	739	739	739	861	861	861	861	861	861	861
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
中国	導入局数	277	277	0	0	277	277	277	77	0	0	0	77	0	77	68	0	0	0	68	0	68	231	0	0	0	231	0	231
	全局数	277	277	277	277	277	277	277	77	77	77	77	77	77	77	68	68	68	68	68	68	68	231	231	231	231	231	231	231
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
四国	導入局数	180	180	0	0	180	180	180	60	0	0	0	60	0	60	44	0	0	0	44	0	44	138	0	0	0	138	0	138
	全局数	180	180	180	180	180	180	180	60	60	60	60	60	60	60	44	44	44	44	44	44	44	138	138	138	138	138	138	138
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
九州	導入局数	324	324	0	0	324	324	324	253	0	0	0	253	0	253	104	0	0	0	104	0	104	496	0	0	0	496	0	496
	全局数	324	324	324	324	324	324	324	253	253	253	253	253	253	253	104	104	104	104	104	104	104	496	496	496	496	496	496	496
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%
沖縄	導入局数	25	25	0	0	25	25	25	21	0	0	0	21	0	21	46	0	0	0	46	0	46	89	0	0	0	89	0	89
	全局数	25	25	25	25	25	25	25	21	21	21	21	21	21	21	46	46	46	46	46	46	46	89	89	89	89	89	89	89
	比率	100%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%	100%

28GHz帯 技術導入状況の調査結果(2/2)

修正前

ii 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	3,140	0	0	0	3,140	0	2,778	2,328	0	0	0	2,328	0	2,328	2,265	0	0	0	2,265	0	2,265	5,485	0	0	0	5,485	0	5,485
	R3	1,396	0	0	0	1,396	0	1,396	1,564	0	0	0	1,564	0	1,564	494	0	0	0	494	0	494	737	0	0	0	737	0	737
	比率	125%	-	-	-	125%	-	99%	49%	-	-	-	49%	-	49%	359%	-	-	-	359%	-	359%	644%	-	-	-	644%	-	644%
北海道	R4	336	0	0	0	336	0	336	32	0	0	0	32	0	32	66	0	0	0	66	0	66	295	0	0	0	295	0	295
	R3	137	0	0	0	137	0	137	17	0	0	0	17	0	17	12	0	0	0	12	0	12	37	0	0	0	37	0	37
	比率	145%	-	-	-	145%	-	145%	88%	-	-	-	88%	-	88%	450%	-	-	-	450%	-	450%	697%	-	-	-	697%	-	697%
東北	R4	355	0	0	0	355	0	164	71	0	0	0	71	0	71	112	0	0	0	112	0	112	342	0	0	0	342	0	342
	R3	164	0	0	0	164	0	164	46	0	0	0	46	0	46	12	0	0	0	12	0	12	40	0	0	0	40	0	40
	比率	116%	-	-	-	116%	-	0%	54%	-	-	-	54%	-	54%	833%	-	-	-	833%	-	833%	755%	-	-	-	755%	-	755%
関東	R4	700	0	0	0	700	0	700	1,208	0	0	0	1,208	0	1,208	763	0	0	0	763	0	763	2,164	0	0	0	2,164	0	2,164
	R3	308	0	0	0	308	0	308	816	0	0	0	816	0	816	189	0	0	0	189	0	189	414	0	0	0	414	0	414
	比率	127%	-	-	-	127%	-	127%	48%	-	-	-	48%	-	48%	304%	-	-	-	304%	-	304%	423%	-	-	-	423%	-	423%
信越	R4	142	0	0	0	142	0	142	102	0	0	0	102	0	102	24	0	0	0	24	0	24	121	0	0	0	121	0	121
	R3	35	0	0	0	35	0	35	78	0	0	0	78	0	78	2	0	0	0	2	0	2	13	0	0	0	13	0	13
	比率	306%	-	-	-	306%	-	306%	31%	-	-	-	31%	-	31%	1100%	-	-	-	1100%	-	1100%	831%	-	-	-	831%	-	831%
北陸	R4	136	0	0	0	136	0	136	22	0	0	0	22	0	22	33	0	0	0	33	0	33	107	0	0	0	107	0	107
	R3	60	0	0	0	60	0	60	10	0	0	0	10	0	10	7	0	0	0	7	0	7	8	0	0	0	8	0	8
	比率	127%	-	-	-	127%	-	127%	120%	-	-	-	120%	-	120%	371%	-	-	-	371%	-	371%	1238%	-	-	-	1238%	-	1238%
東海	R4	299	0	0	0	299	0	296	227	0	0	0	227	0	227	266	0	0	0	266	0	266	641	0	0	0	641	0	641
	R3	143	0	0	0	143	0	143	129	0	0	0	129	0	129	74	0	0	0	74	0	74	63	0	0	0	63	0	63
	比率	109%	-	-	-	109%	-	107%	76%	-	-	-	76%	-	76%	259%	-	-	-	259%	-	259%	917%	-	-	-	917%	-	917%
近畿	R4	366	0	0	0	366	0	366	255	0	0	0	255	0	255	739	0	0	0	739	0	739	861	0	0	0	861	0	861
	R3	128	0	0	0	128	0	128	145	0	0	0	145	0	145	141	0	0	0	141	0	141	82	0	0	0	82	0	82
	比率	186%	-	-	-	186%	-	186%	76%	-	-	-	76%	-	76%	424%	-	-	-	424%	-	424%	950%	-	-	-	950%	-	950%
中国	R4	277	0	0	0	277	0	187	77	0	0	0	77	0	77	68	0	0	0	68	0	68	231	0	0	0	231	0	231
	R3	138	0	0	0	138	0	138	61	0	0	0	61	0	61	12	0	0	0	12	0	12	22	0	0	0	22	0	22
	比率	101%	-	-	-	101%	-	36%	26%	-	-	-	26%	-	26%	467%	-	-	-	467%	-	467%	950%	-	-	-	950%	-	950%
四国	R4	180	0	0	0	180	0	102	60	0	0	0	60	0	60	44	0	0	0	44	0	44	138	0	0	0	138	0	138
	R3	102	0	0	0	102	0	102	46	0	0	0	46	0	46	11	0	0	0	11	0	11	8	0	0	0	8	0	8
	比率	76%	-	-	-	76%	-	0%	30%	-	-	-	30%	-	30%	300%	-	-	-	300%	-	300%	1625%	-	-	-	1625%	-	1625%
九州	R4	324	0	0	0	324	0	324	253	0	0	0	253	0	253	104	0	0	0	104	0	104	496	0	0	0	496	0	496
	R3	163	0	0	0	163	0	163	211	0	0	0	211	0	211	27	0	0	0	27	0	27	41	0	0	0	41	0	41
	比率	99%	-	-	-	99%	-	99%	20%	-	-	-	20%	-	20%	285%	-	-	-	285%	-	285%	1110%	-	-	-	1110%	-	1110%
沖縄	R4	25	0	0	0	25	0	25	21	0	0	0	21	0	21	46	0	0	0	46	0	46	89	0	0	0	89	0	89
	R3	18	0	0	0	18	0	18	5	0	0	0	5	0	5	7	0	0	0	7	0	7	9	0	0	0	9	0	9
	比率	39%	-	-	-	39%	-	39%	320%	-	-	-	320%	-	320%	557%	-	-	-	557%	-	557%	889%	-	-	-	889%	-	889%

28GHz帯 技術導入状況の調査結果(2/2)

修正後

ii 技術導入状況

■ +10%超え ■ ±10%以内 ■ -10%未満、-30%以上 ■ -30%未満

○前年度比較

		NTTドコモ(5G)							KDDI/沖縄セルラー(5G)							ソフトバンク(5G)							楽天(5G)						
		CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM	CA	2MIMO	4MIMO	8MIMO	Massive MIMO	256QAM	U64QAM
全国	R4	3,140	3,140	0	0	3,140	3,140	3,140	2,328	0	0	0	2,328	0	2,328	2,265	0	0	0	2,265	0	2,265	5,485	0	0	0	5,485	0	5,485
	R3	1,396	0	0	0	1,396	0	1,396	1,564	0	0	0	1,564	0	1,564	494	0	0	0	494	0	494	737	0	0	0	737	0	737
	比率	125%	-	-	-	125%	-	125%	49%	-	-	-	49%	-	49%	359%	-	-	-	359%	-	359%	644%	-	-	-	644%	-	644%
北海道	R4	336	336	0	0	336	336	336	32	0	0	0	32	0	32	66	0	0	0	66	0	66	295	0	0	0	295	0	295
	R3	137	0	0	0	137	0	137	17	0	0	0	17	0	17	12	0	0	0	12	0	12	37	0	0	0	37	0	37
	比率	145%	-	-	-	145%	-	145%	88%	-	-	-	88%	-	88%	450%	-	-	-	450%	-	450%	697%	-	-	-	697%	-	697%
東北	R4	355	355	0	0	355	355	355	71	0	0	0	71	0	71	112	0	0	0	112	0	112	342	0	0	0	342	0	342
	R3	164	0	0	0	164	0	164	46	0	0	0	46	0	46	12	0	0	0	12	0	12	40	0	0	0	40	0	40
	比率	116%	-	-	-	116%	-	116%	54%	-	-	-	54%	-	54%	833%	-	-	-	833%	-	833%	755%	-	-	-	755%	-	755%
関東	R4	700	700	0	0	700	700	700	1,208	0	0	0	1,208	0	1,208	763	0	0	0	763	0	763	2,164	0	0	0	2,164	0	2,164
	R3	308	0	0	0	308	0	308	816	0	0	0	816	0	816	189	0	0	0	189	0	189	414	0	0	0	414	0	414
	比率	127%	-	-	-	127%	-	127%	48%	-	-	-	48%	-	48%	304%	-	-	-	304%	-	304%	423%	-	-	-	423%	-	423%
信越	R4	142	142	0	0	142	142	142	102	0	0	0	102	0	102	24	0	0	0	24	0	24	121	0	0	0	121	0	121
	R3	35	0	0	0	35	0	35	78	0	0	0	78	0	78	2	0	0	0	2	0	2	13	0	0	0	13	0	13
	比率	306%	-	-	-	306%	-	306%	31%	-	-	-	31%	-	31%	1100%	-	-	-	1100%	-	1100%	831%	-	-	-	831%	-	831%
北陸	R4	136	136	0	0	136	136	136	22	0	0	0	22	0	22	33	0	0	0	33	0	33	107	0	0	0	107	0	107
	R3	60	0	0	0	60	0	60	10	0	0	0	10	0	10	7	0	0	0	7	0	7	8	0	0	0	8	0	8
	比率	127%	-	-	-	127%	-	127%	120%	-	-	-	120%	-	120%	371%	-	-	-	371%	-	371%	1238%	-	-	-	1238%	-	1238%
東海	R4	299	299	0	0	299	299	299	227	0	0	0	227	0	227	266	0	0	0	266	0	266	641	0	0	0	641	0	641
	R3	143	0	0	0	143	0	143	129	0	0	0	129	0	129	74	0	0	0	74	0	74	63	0	0	0	63	0	63
	比率	109%	-	-	-	109%	-	109%	76%	-	-	-	76%	-	76%	259%	-	-	-	259%	-	259%	917%	-	-	-	917%	-	917%
近畿	R4	366	366	0	0	366	366	366	255	0	0	0	255	0	255	739	0	0	0	739	0	739	861	0	0	0	861	0	861
	R3	128	0	0	0	128	0	128	145	0	0	0	145	0	145	141	0	0	0	141	0	141	82	0	0	0	82	0	82
	比率	186%	-	-	-	186%	-	186%	76%	-	-	-	76%	-	76%	424%	-	-	-	424%	-	424%	950%	-	-	-	950%	-	950%
中国	R4	277	277	0	0	277	277	277	77	0	0	0	77	0	77	68	0	0	0	68	0	68	231	0	0	0	231	0	231
	R3	138	0	0	0	138	0	138	61	0	0	0	61	0	61	12	0	0	0	12	0	12	22	0	0	0	22	0	22
	比率	101%	-	-	-	101%	-	101%	26%	-	-	-	26%	-	26%	467%	-	-	-	467%	-	467%	950%	-	-	-	950%	-	950%
四国	R4	180	180	0	0	180	180	180	60	0	0	0	60	0	60	44	0	0	0	44	0	44	138	0	0	0	138	0	138
	R3	102	0	0	0	102	0	102	46	0	0	0	46	0	46	11	0	0	0	11	0	11	8	0	0	0	8	0	8
	比率	76%	-	-	-	76%	-	76%	30%	-	-	-	30%	-	30%	300%	-	-	-	300%	-	300%	1625%	-	-	-	1625%	-	1625%
九州	R4	324	324	0	0	324	324	324	253	0	0	0	253	0	253	104	0	0	0	104	0	104	496	0	0	0	496	0	496
	R3	163	0	0	0	163	0	163	211	0	0	0	211	0	211	27	0	0	0	27	0	27	41	0	0	0	41	0	41
	比率	99%	-	-	-	99%	-	99%	20%	-	-	-	20%	-	20%	285%	-	-	-	285%	-	285%	1110%	-	-	-	1110%	-	1110%
沖縄	R4	25	25	0	0	25	25	25	21	0	0	0	21	0	21	46	0	0	0	46	0	46	89	0	0	0	89	0	89
	R3	18	0	0	0	18	0	18	5	0	0	0	5	0	5	7	0	0	0	7	0	7	9	0	0	0	9	0	9
	比率	39%	-	-	-	39%	-	39%	320%	-	-	-	320%	-	320%	557%	-	-	-	557%	-	557%	889%	-	-	-	889%	-	889%