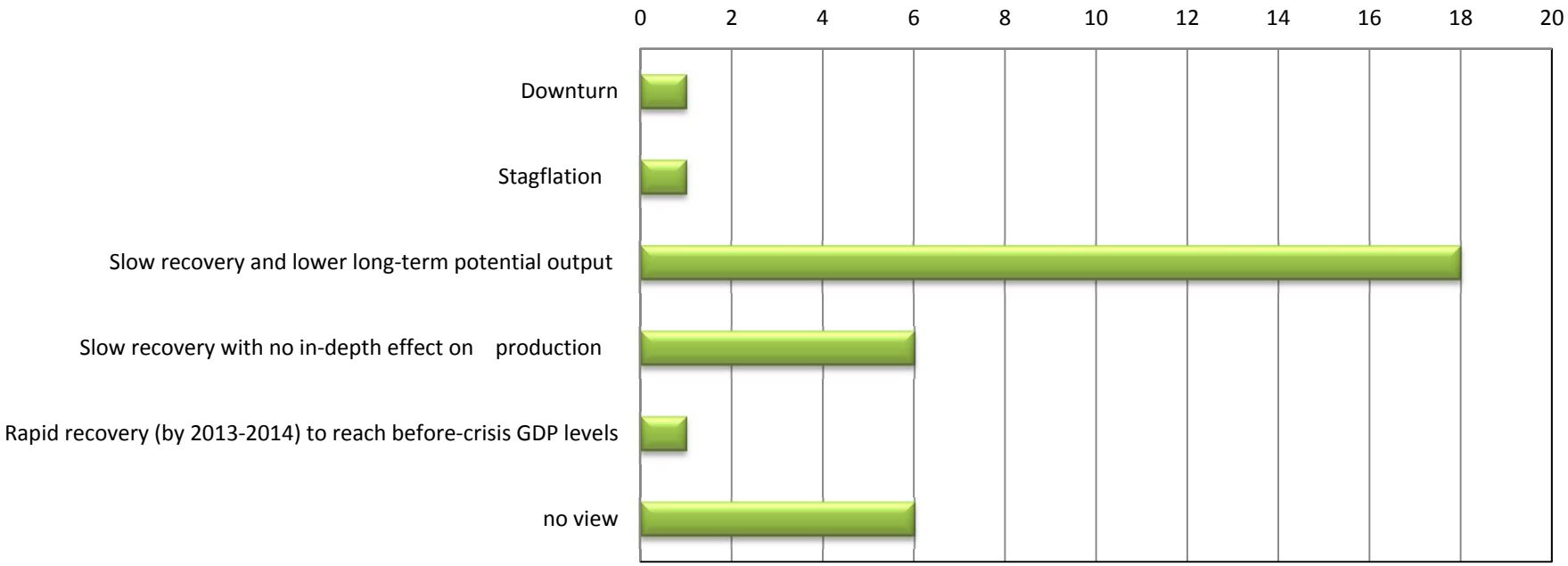
Question 1

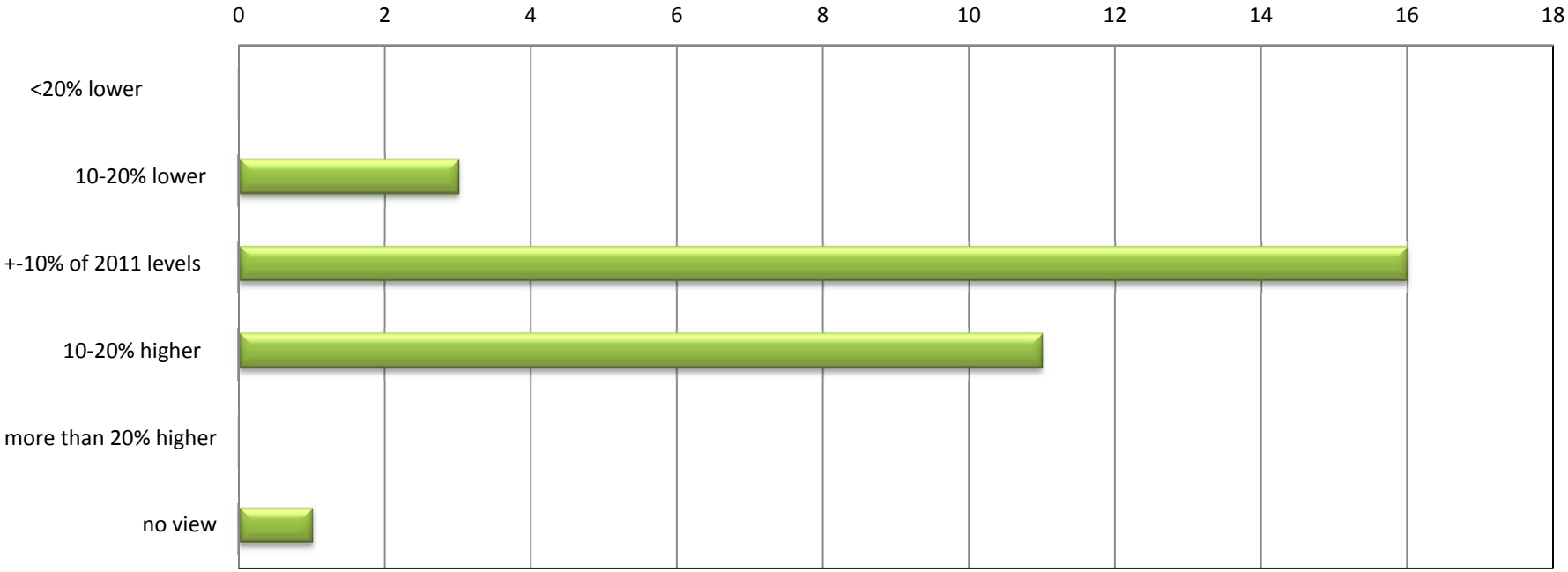
Electricity consumption: What will be the economic growth profile in the next decade?



	no view	Rapid recovery (by 2013-2014) to reach before-crisis GDP levels	Slow recovery with no in-depth effect on production	Slow recovery and lower long-term potential output	Stagflation	Downturn
Series1	6	1	6	18	1	1

Question 2

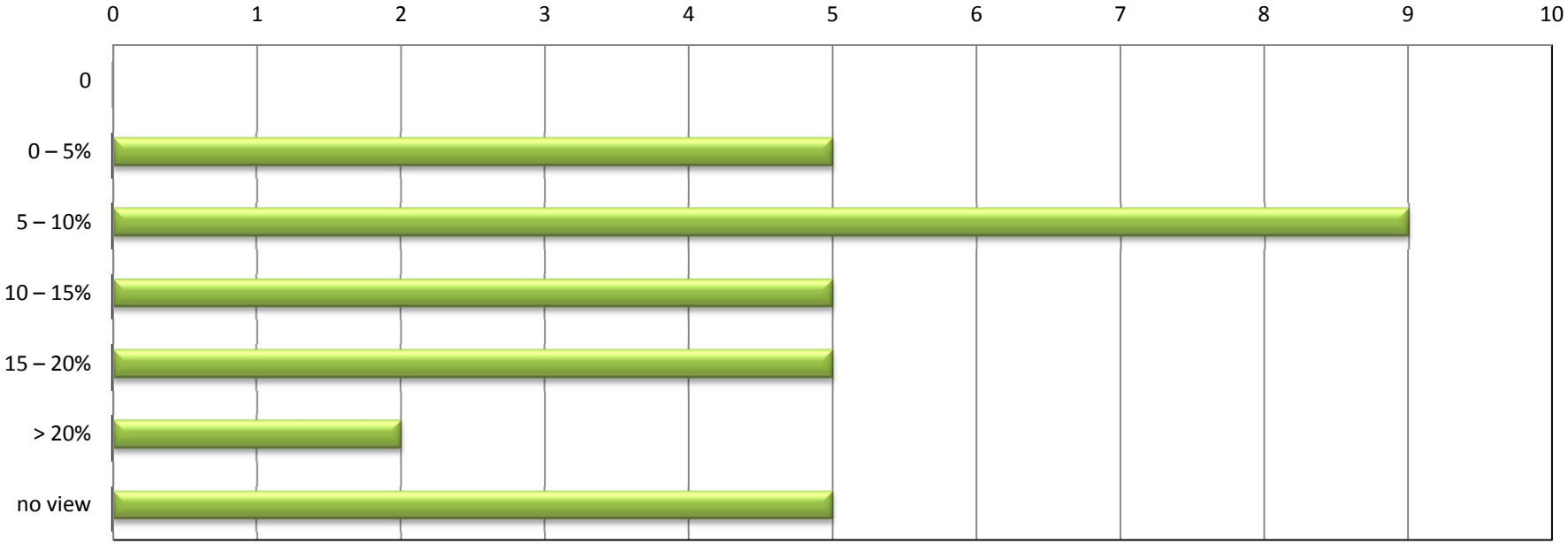
Electricity consumption: In the absence of any other energy initiatives what will be the annual level of total electricity consumption in 2030, when compared to 2011 in Europe?



	no view	more than 20% higher	10-20% higher	+-10% of 2011 levels	10-20% lower	<20% lower
Series1	1	0	11	16	3	0

Question 3

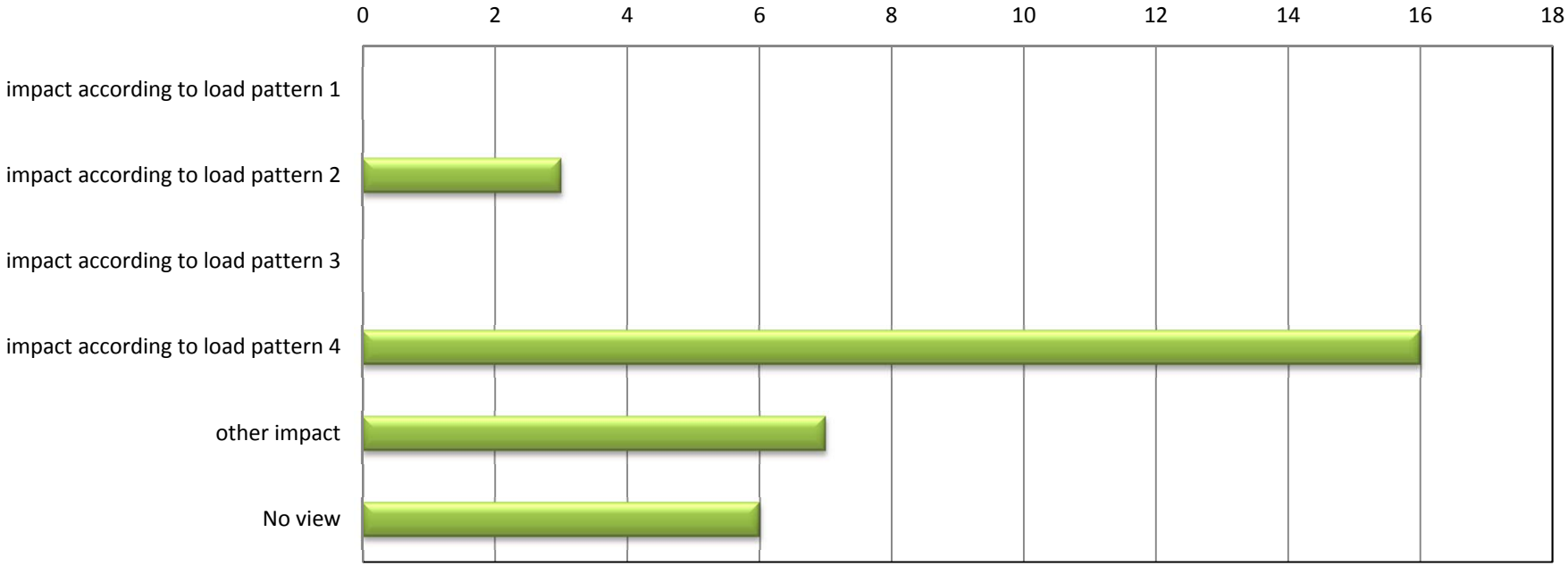
Electricity consumption: What will be the contribution to the total electricity consumption in 2030, when compared to 2011 in Europe assuming that the full technological potential of smart metering and energy efficiency is deployed? Comercially used



	no view	> 20%	15 – 20%	10 – 15%	5 – 10%	0 – 5%	0
Series1	5	2	5	5	9	5	0

Question 4

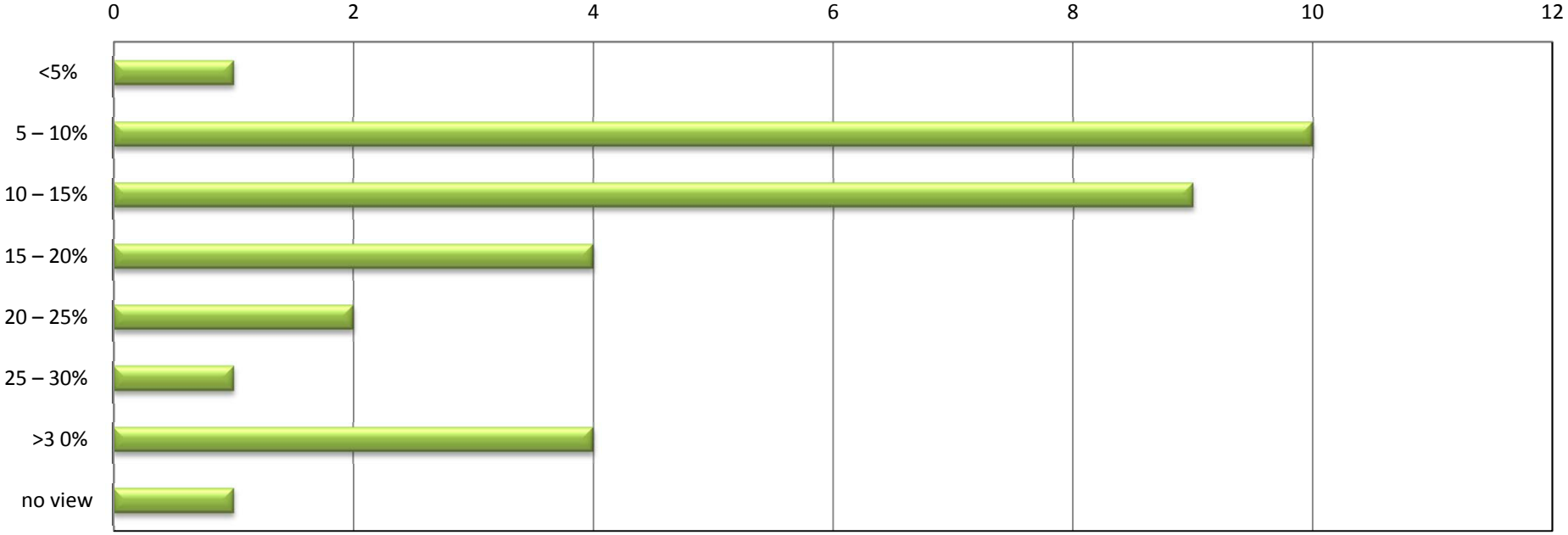
Peak demand: By 2030, what impact will smart meters have on the load pattern in Europe?



	No view	other impact	impact according to load pattern 4	impact according to load pattern 3	impact according to load pattern 2	impact according to load pattern 1
Series1	6	7	16	0	3	0

Question 5

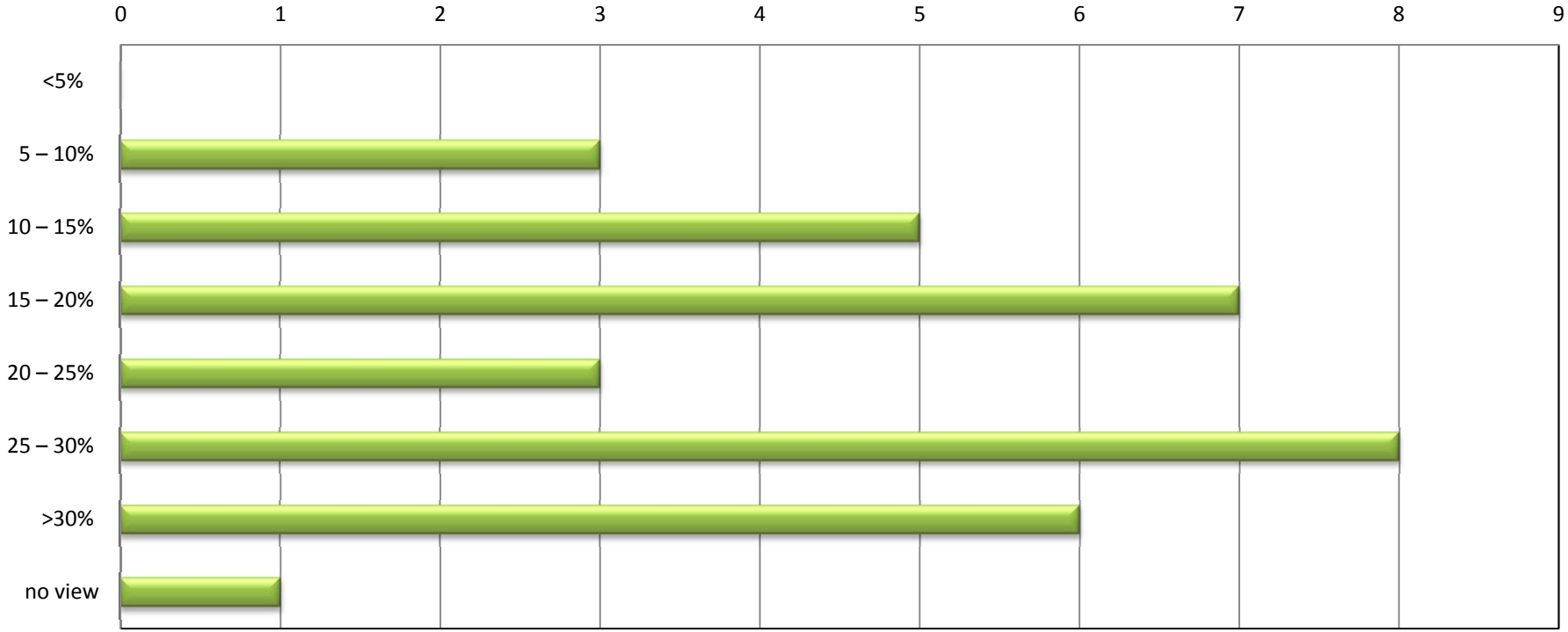
Demand: By 2030, what will be the minimum market share of electric vehicles on the total fleet of vehicles in Europe? (Passenger cars)



	no view	>3 0%	25 – 30%	20 – 25%	15 – 20%	10 – 15%	5 – 10%	<5%
Series1	1	4	1	2	4	9	10	1

Question 6

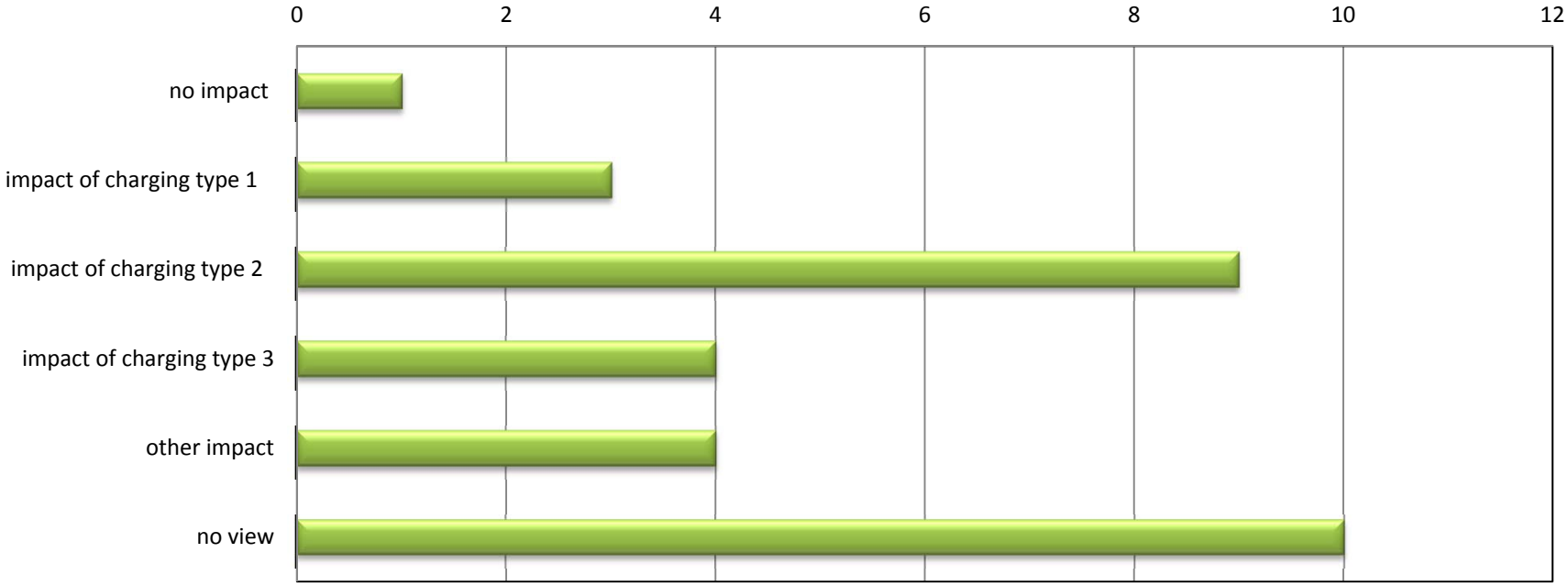
Demand: By 2030, what will be the maximum market share of electric vehicles on the total fleet of vehicles in Europe?



	no view	>30%	25 – 30%	20 – 25%	15 – 20%	10 – 15%	5 – 10%	<5%
Series1	1	6	8	3	7	5	3	0

Question 7

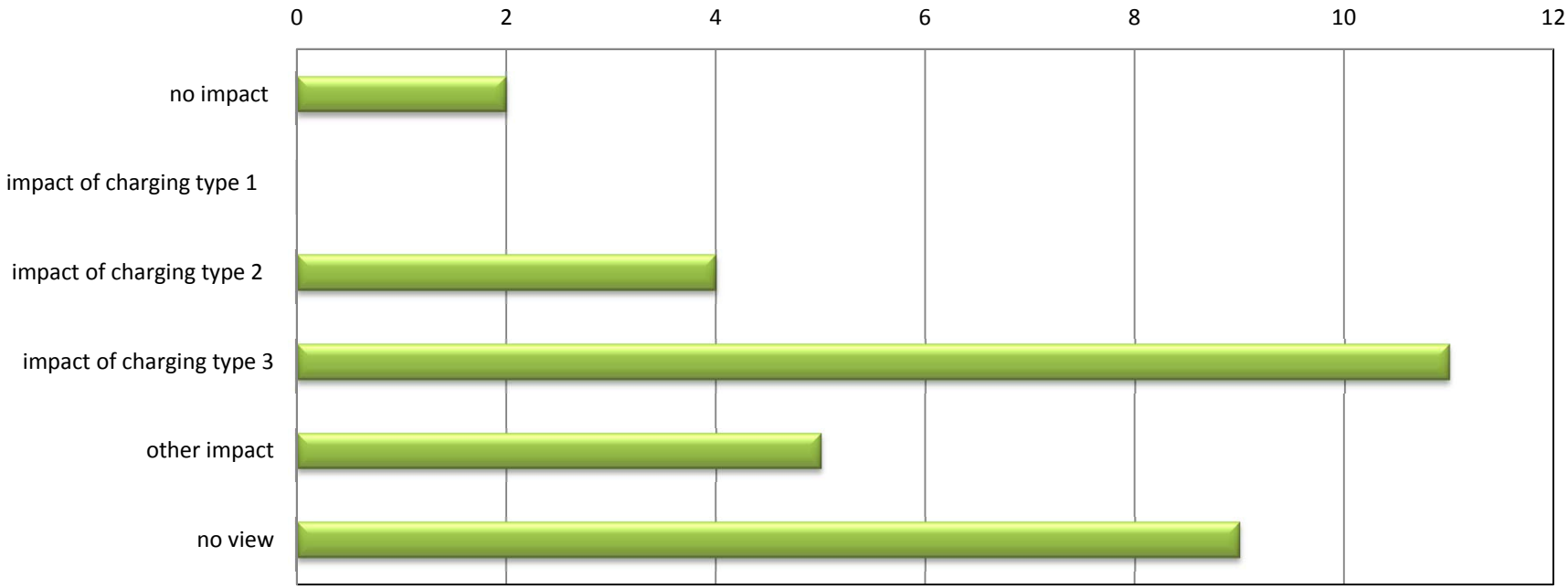
Peak demand: By 2030, what impact will electric vehicles have on peak in Europe assuming current tariff systems?



	no view	other impact	impact of charging type 3	impact of charging type 2	impact of charging type 1	no impact
Series1	10	4	4	9	3	1

Question 8

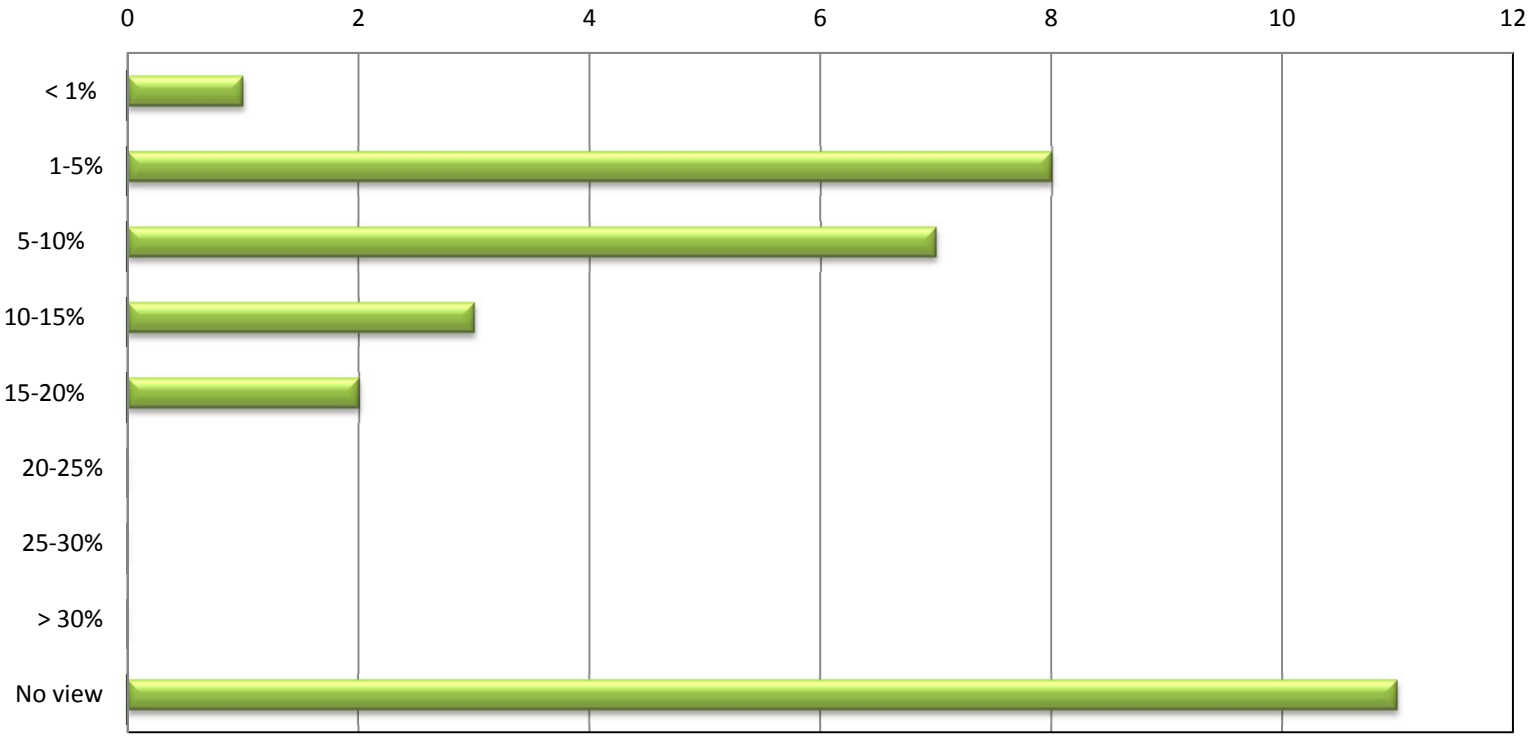
Peak demand: By 2030, what impact will electric vehicles have on peak in Europe assuming adaptation of tariff systems to smart meter possibilities?



	no view	other impact	impact of charging type 3	impact of charging type 2	impact of charging type 1	no impact
Series1	9	5	11	4	0	2

Question 9

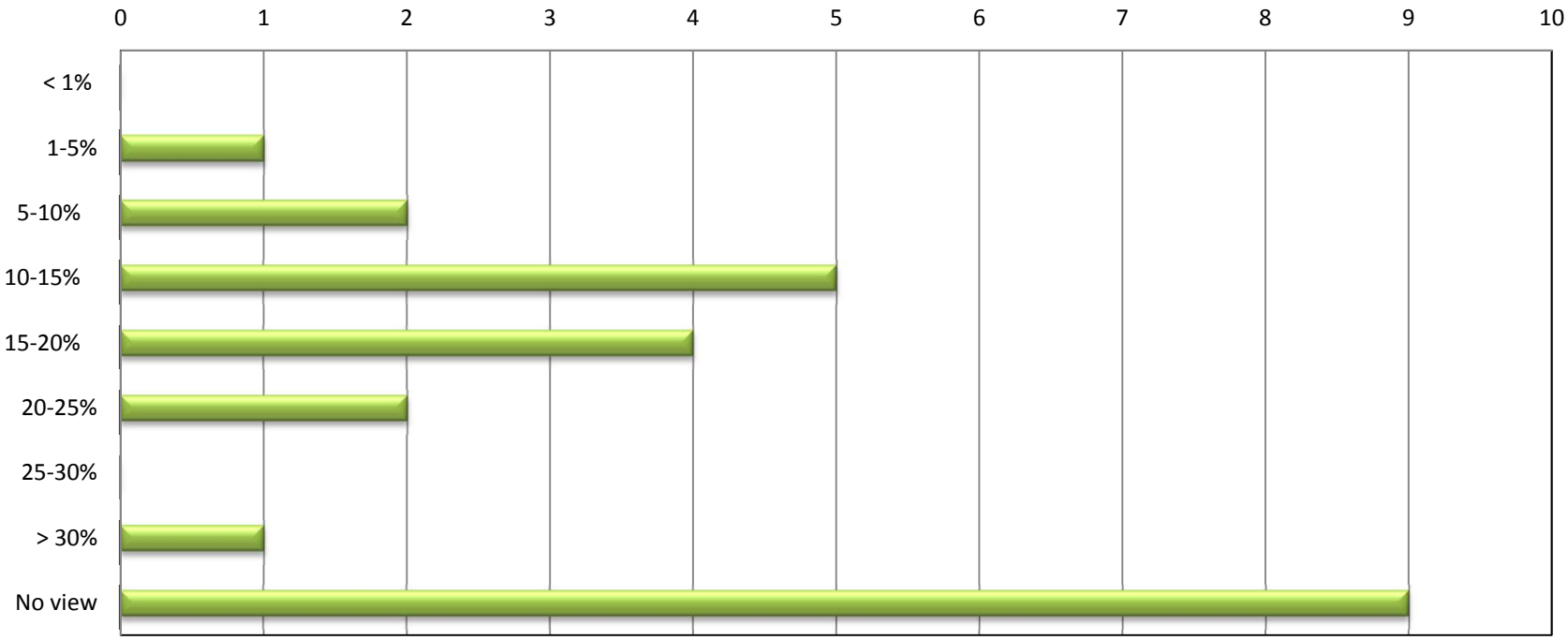
Demand: By 2030, what is the minimum proportion of households that will have electric heat pumps in Europe?



	No view	> 30%	25-30%	20-25%	15-20%	10-15%	5-10%	1-5%	< 1%
Series1	11	0	0	0	2	3	7	8	1

Question 10

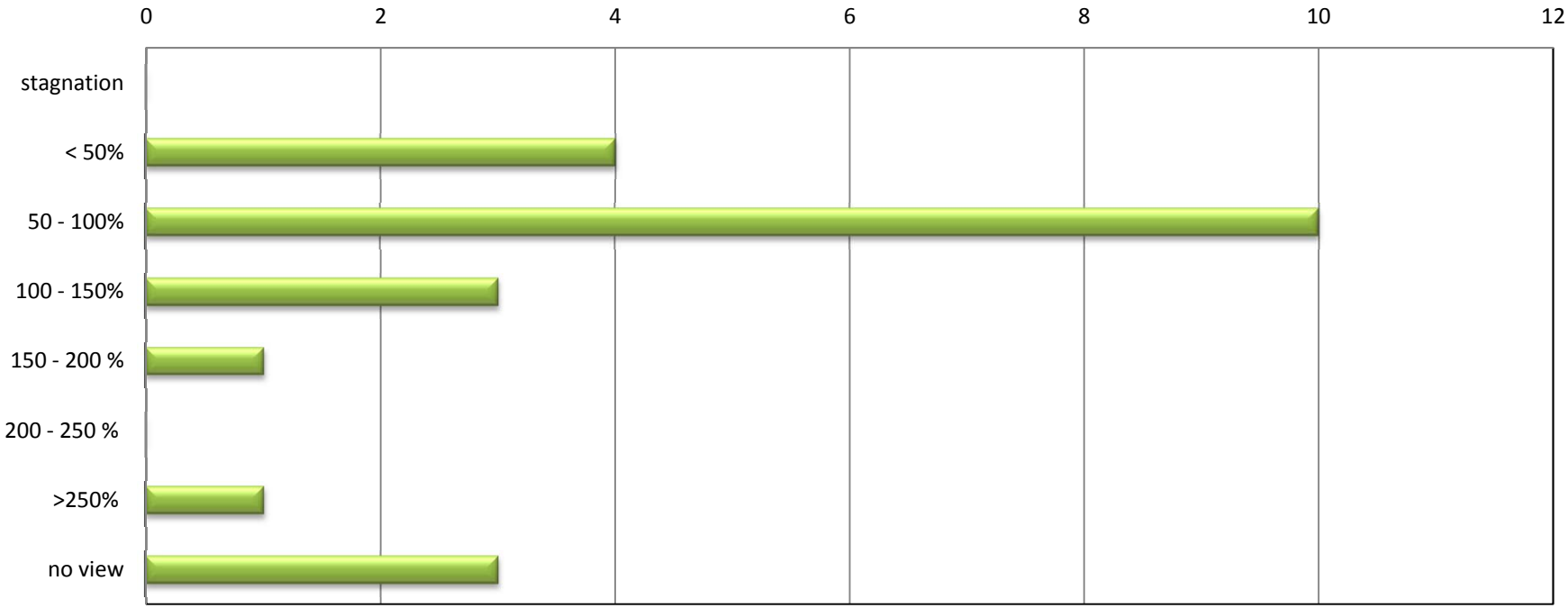
Demand: By 2030, what is the maximum proportion of households that will have electric heat pumps in Europe?



	No view	> 30%	25-30%	20-25%	15-20%	10-15%	5-10%	1-5%	< 1%
Series1	9	1	0	2	4	5	2	1	0

Question 11

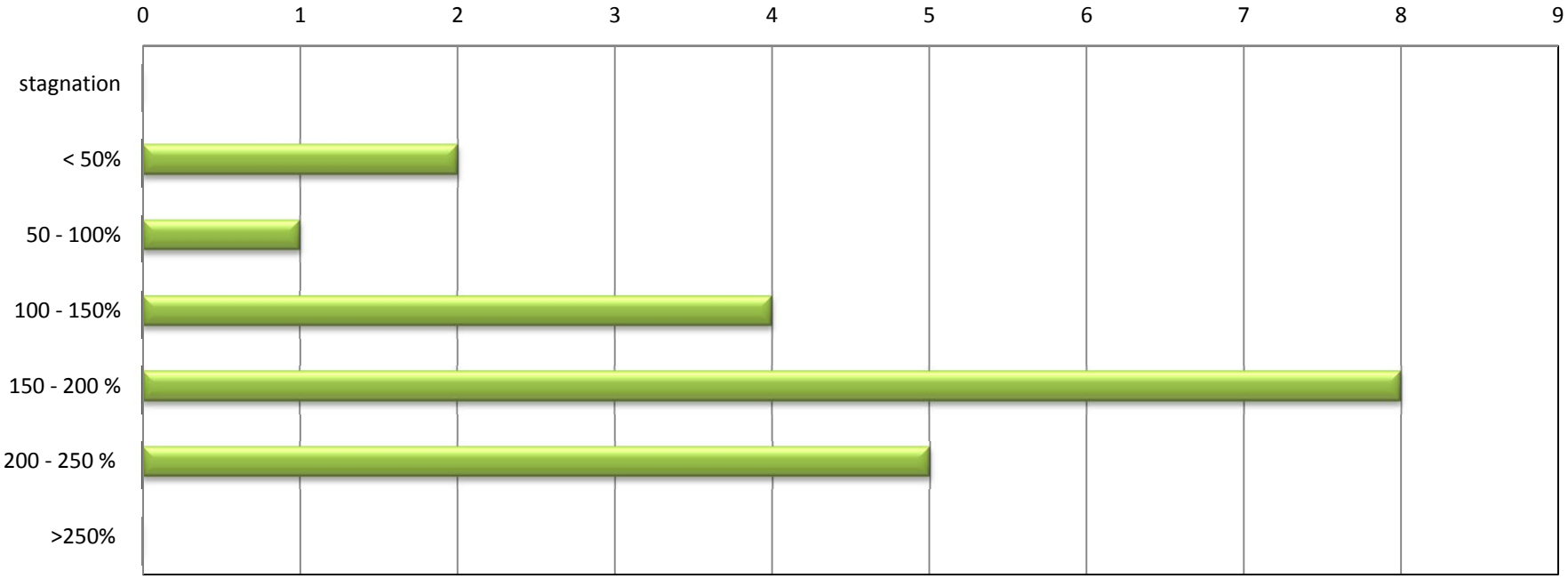
Onshore Wind capacity: By 2030, what will be the minimum increase of installed capacity of onshore wind in Europe?



	no view	>250%	200 - 250 %	150 - 200 %	100 - 150%	50 - 100%	< 50%	stagnation
Series1	3	1	0	1	3	10	4	0

Question 12

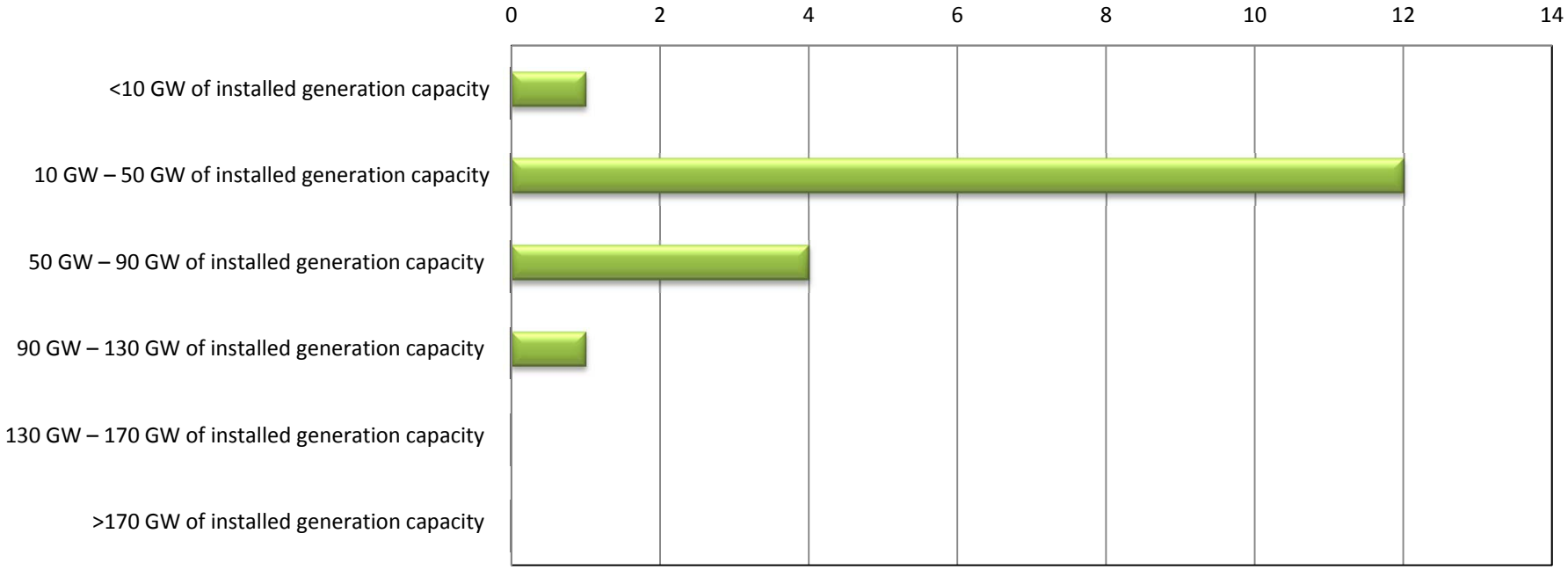
Onshore Wind capacity: By 2030, what will be the maximum increase of installed capacity of onshore wind in Europe?



	>250%	200 - 250 %	150 - 200 %	100 - 150%	50 - 100%	< 50%	stagnation
Series1	0	5	8	4	1	2	0

Question 13

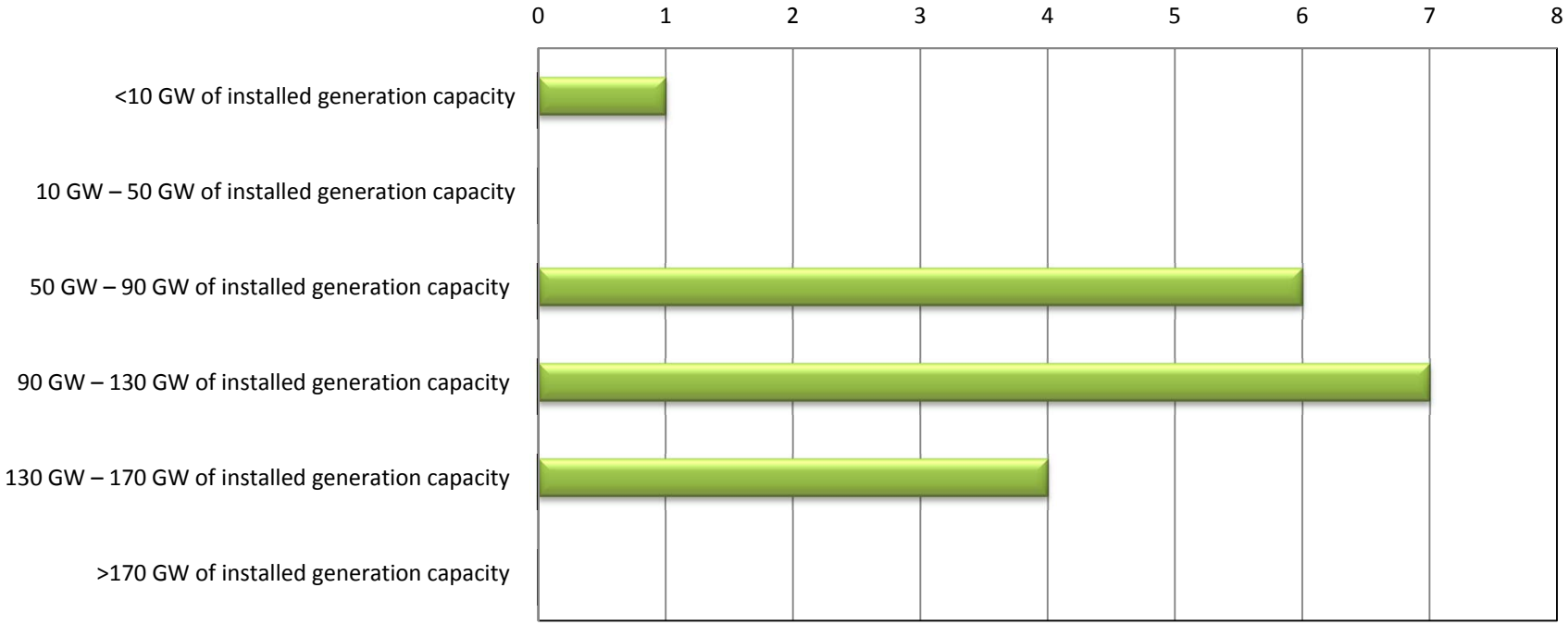
Offshore Wind capacity: By 2030, what will be the minimum installed capacity of offshore wind in Europe?



	>170 GW of installed generation capacity	130 GW – 170 GW of installed generation capacity	90 GW – 130 GW of installed generation capacity	50 GW – 90 GW of installed generation capacity	10 GW – 50 GW of installed generation capacity	<10 GW of installed generation capacity
Series1	0	0	1	4	12	1

Question 14

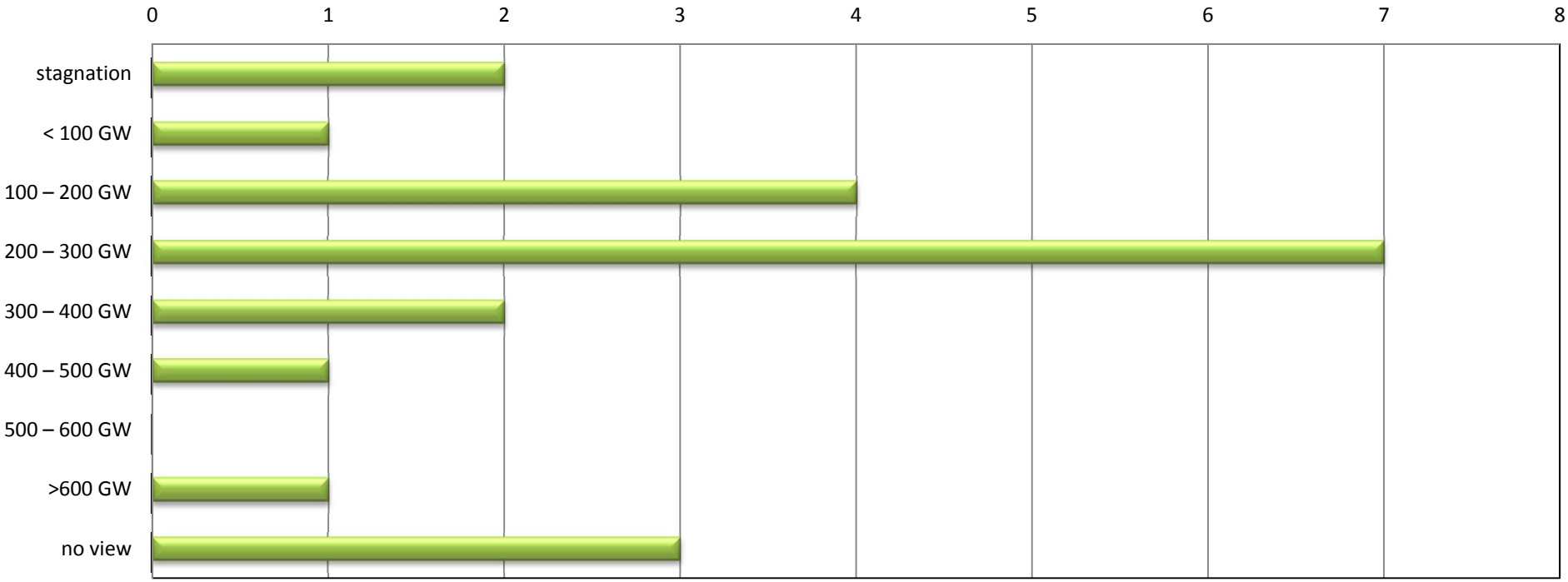
Offshore Wind capacity: By 2030, what will be the maximum installed capacity of offshore wind in Europe?



	>170 GW of installed generation capacity	130 GW – 170 GW of installed generation capacity	90 GW – 130 GW of installed generation capacity	50 GW – 90 GW of installed generation capacity	10 GW – 50 GW of installed generation capacity	<10 GW of installed generation capacity
Series1	0	4	7	6	0	1

Question 15

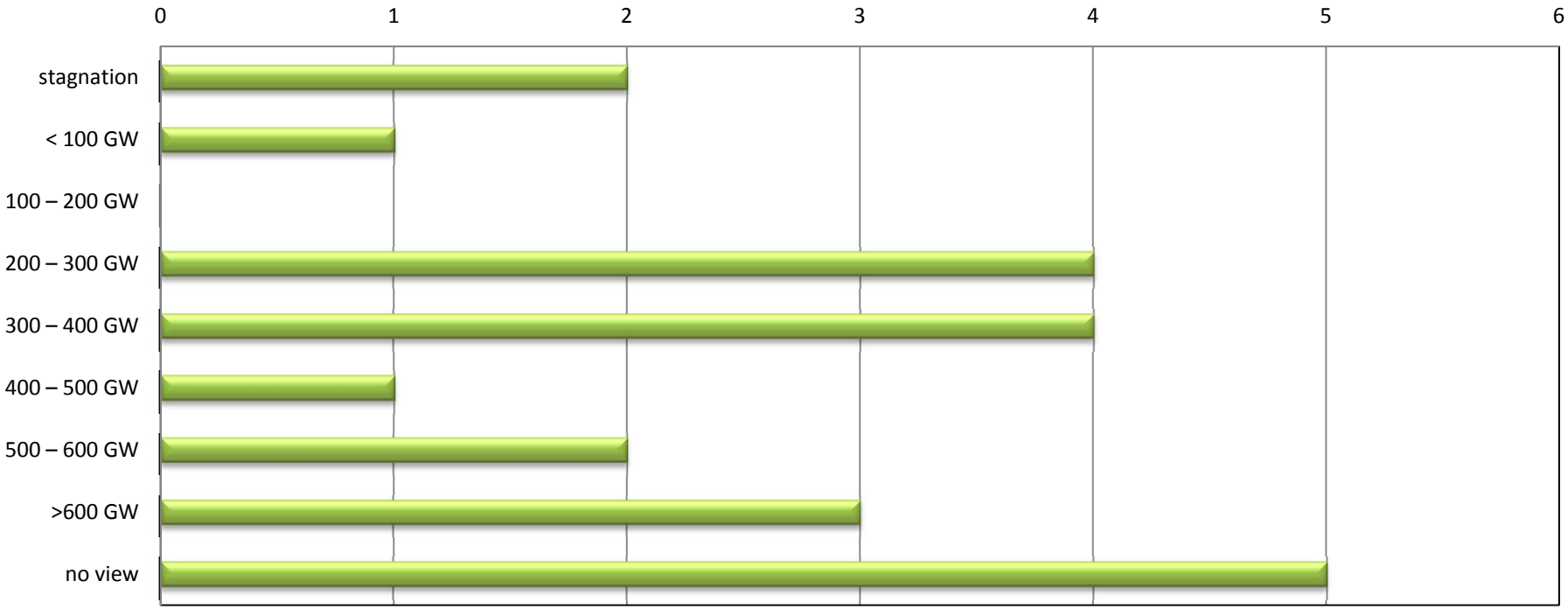
Solar capacity: By 2030, what will be the minimum increase of installed capacity of solar in Europe?



	no view	>600 GW	500 – 600 GW	400 – 500 GW	300 – 400 GW	200 – 300 GW	100 – 200 GW	< 100 GW	stagnation
Series1	3	1	0	1	2	7	4	1	2

Question 16

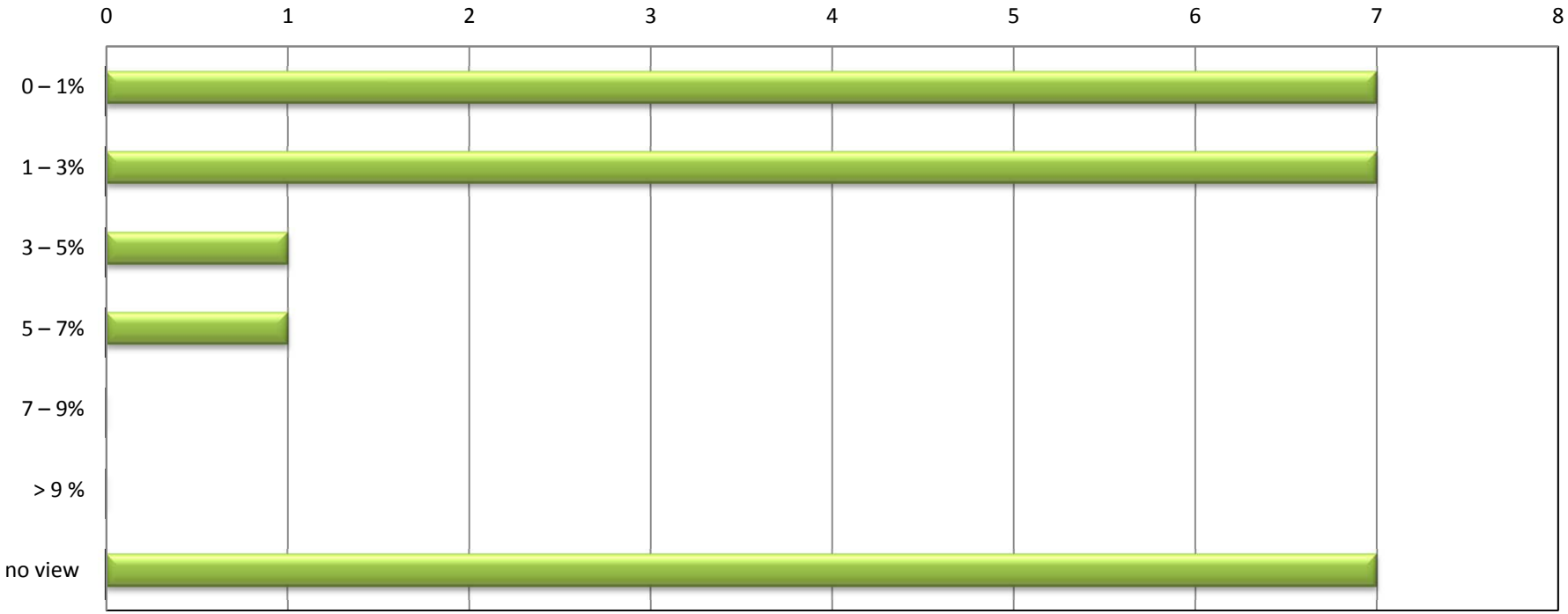
Solar capacity: By 2030, what will be the maximum increase of installed capacity of solar in Europe?



	no view	>600 GW	500 – 600 GW	400 – 500 GW	300 – 400 GW	200 – 300 GW	100 – 200 GW	< 100 GW	stagnation
Series1	5	3	2	1	4	4	0	1	2

Question 17

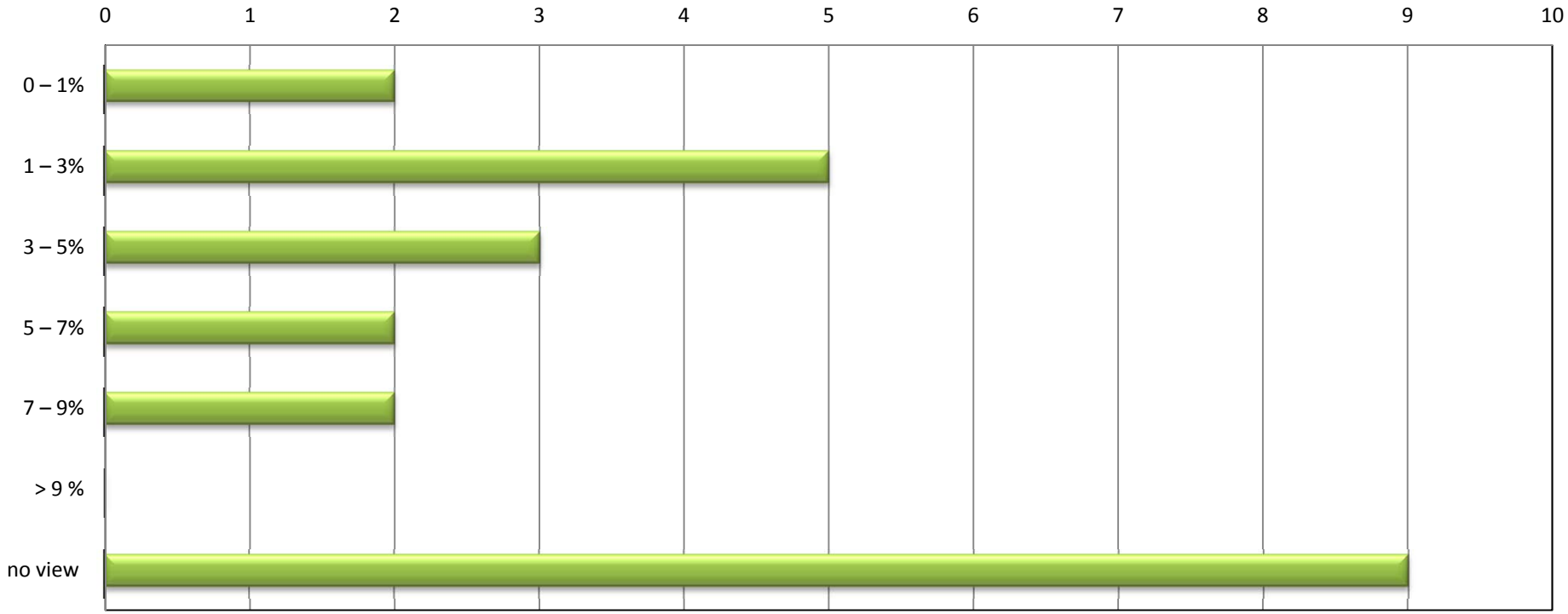
Ocean energy capacity: By 2030, what is the minimum % of energy in Europe that will be delivered by marine sources?



	no view	> 9 %	7 – 9%	5 – 7%	3 – 5%	1 – 3%	0 – 1%
Series1	7	0	0	1	1	7	7

Question 18

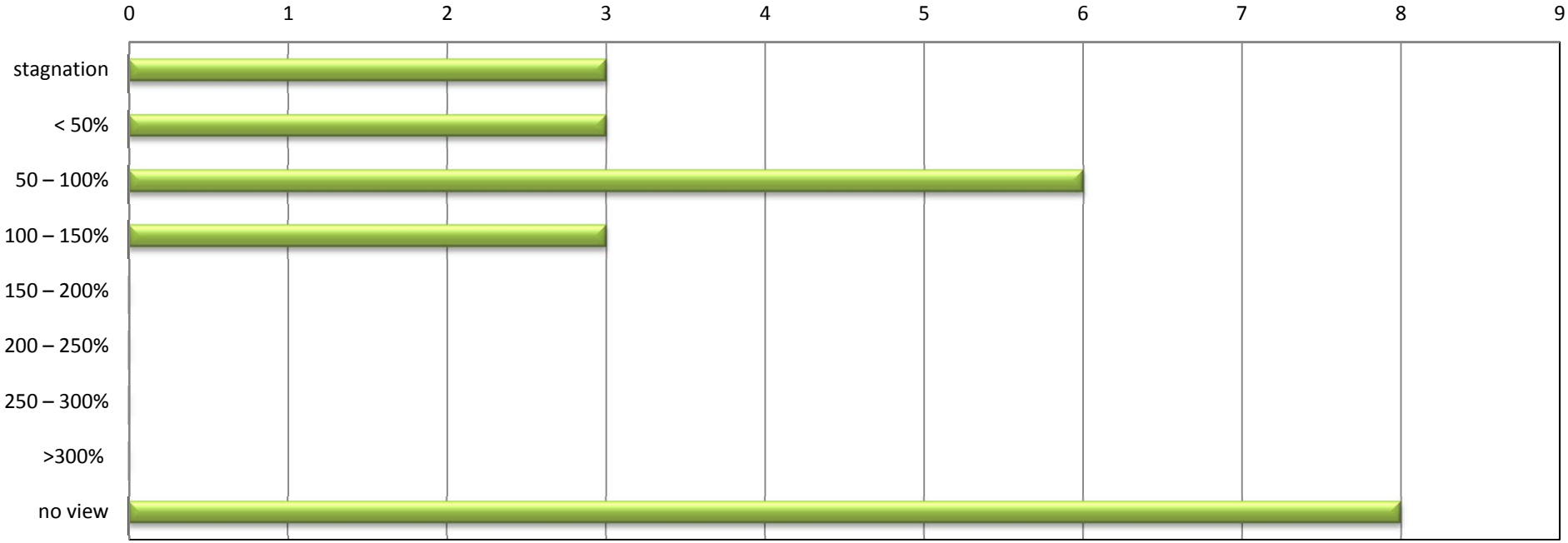
Ocean energy capacity: By 2030, what is the maximum % of energy in Europe that will be delivered by marine sources?



	no view	> 9 %	7 – 9%	5 – 7%	3 – 5%	1 – 3%	0 – 1%
Series1	9	0	2	2	3	5	2

Question 19

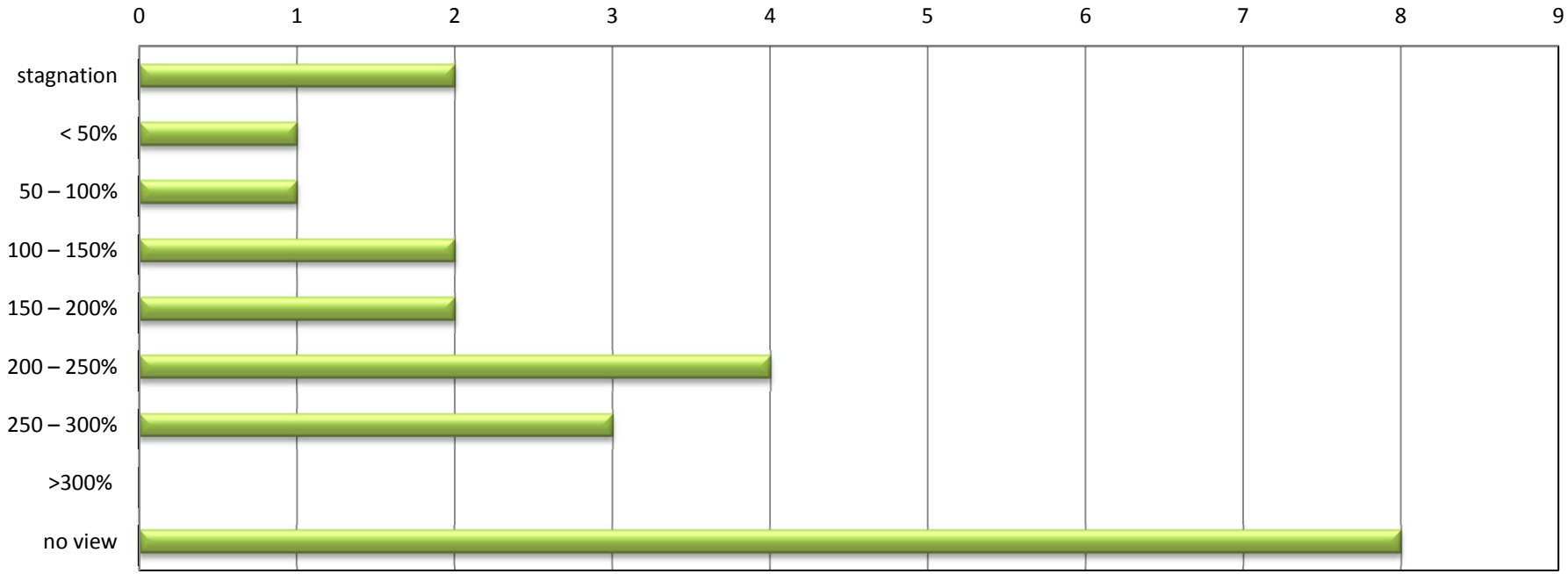
Biomass/pellets for electricity generation: By 2030, what will be the minimum increase of installed capacity of biomass/pellets for electricity generation in Europe?



	no view	>300%	250 – 300%	200 – 250%	150 – 200%	100 – 150%	50 – 100%	< 50%	stagnation
Series1	8	0	0	0	0	3	6	3	3

Question 20

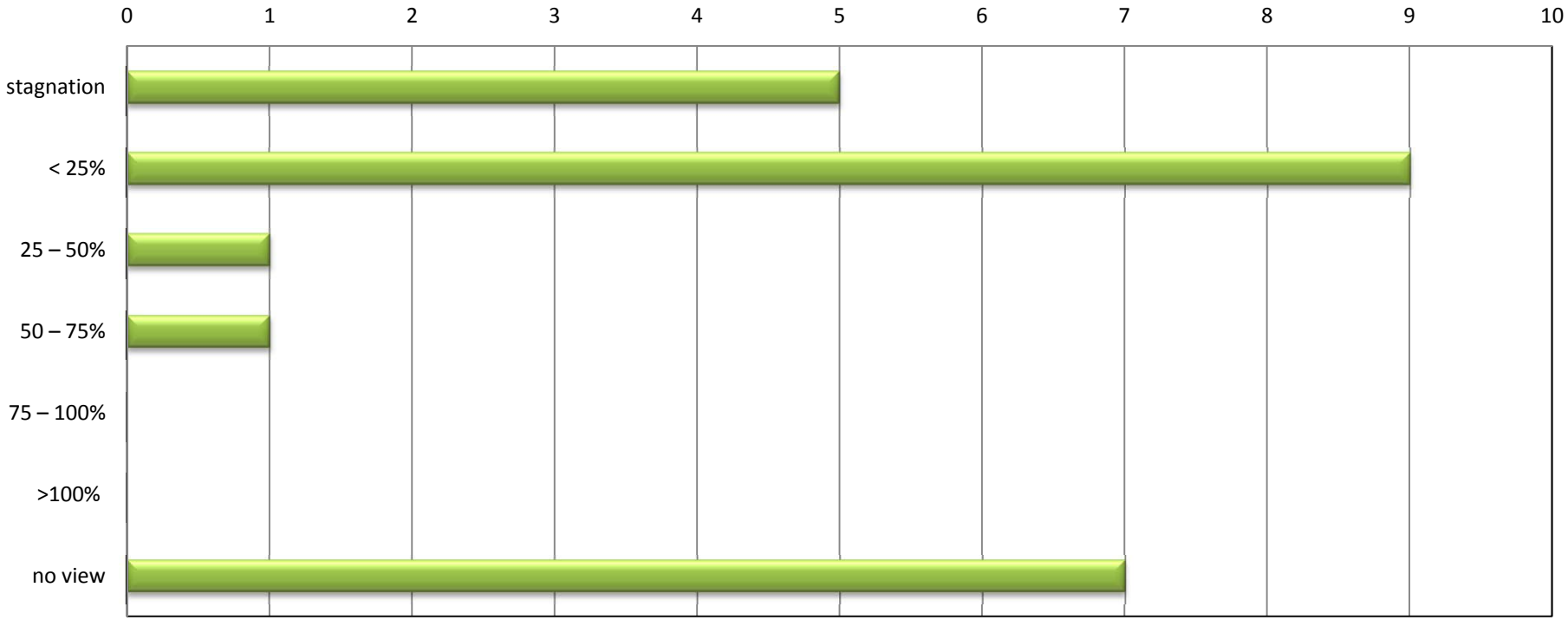
Biomass/pellets for electricity generation : By 2030, what will be the maximum increase of installed capacity of biomass/pellets for electricity generation in Europe?



	no view	>300%	250 – 300%	200 – 250%	150 – 200%	100 – 150%	50 – 100%	< 50%	stagnation
Series1	8	0	3	4	2	2	1	1	2

Question 21

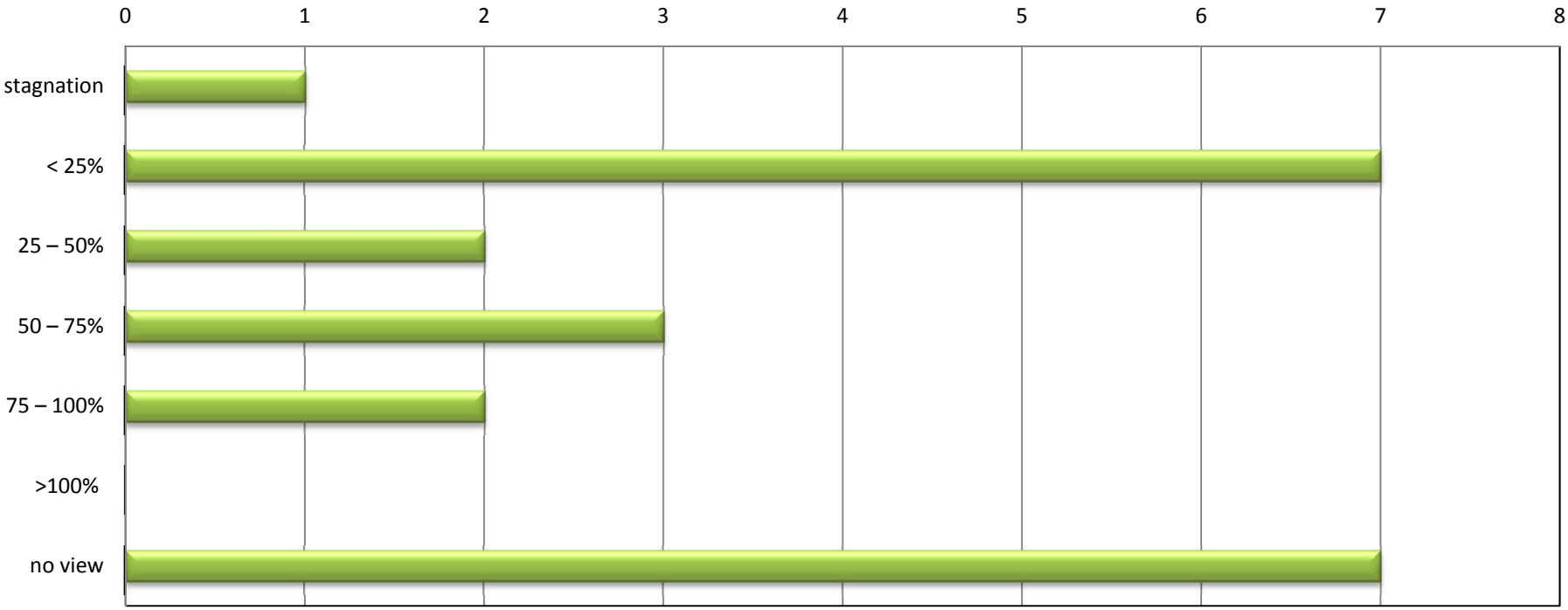
Renewable hydro capacity: By 2030, what will be the minimum increase of installed capacity of renewable hydro capacity in Europe?



	no view	>100%	75 – 100%	50 – 75%	25 – 50%	< 25%	stagnation
Series1	7	0	0	1	1	9	5

Question 22

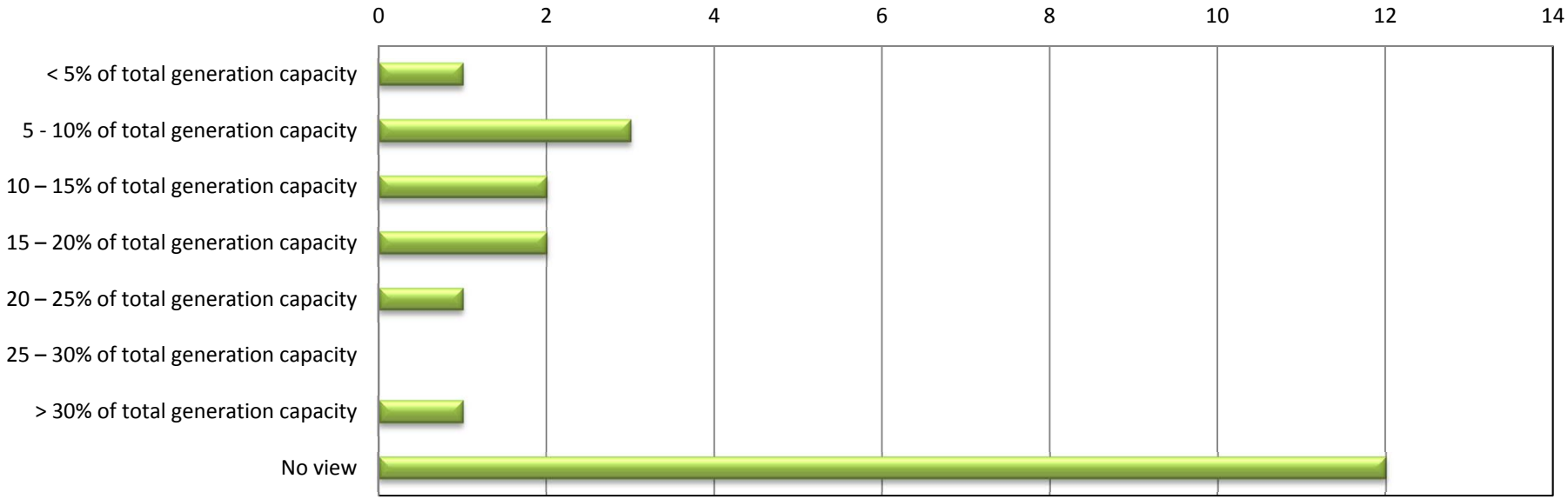
Renewable hydro capacity: By 2030, what will be the maximum increase of installed capacity of renewable hydro capacity in Europe?



	no view	>100%	75 – 100%	50 – 75%	25 – 50%	< 25%	stagnation
Series1	7	0	2	3	2	7	1

Question 23

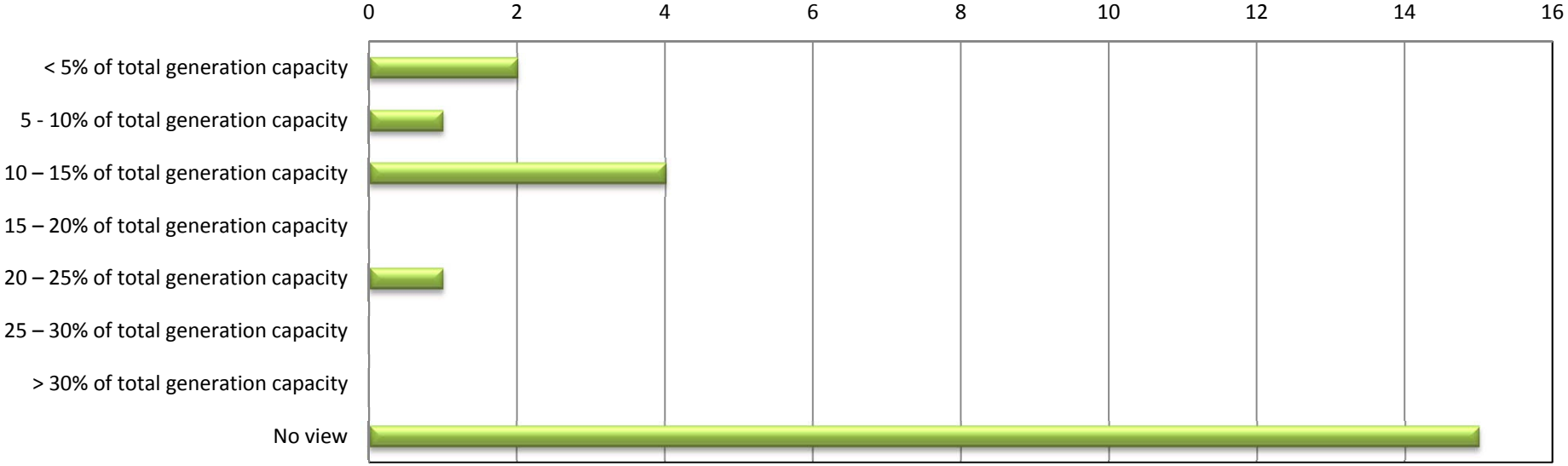
Remaining Margin: By 2030, what will be the level of remaining margin compared to the peak load in a Europe, interconnected as today? (DSM as it is today)



	No view	> 30% of total generation capacity	25 – 30% of total generation capacity	20 – 25% of total generation capacity	15 – 20% of total generation capacity	10 – 15% of total generation capacity	5 - 10% of total generation capacity	< 5% of total generation capacity
Series1	12	1	0	1	2	2	3	1

Question 24

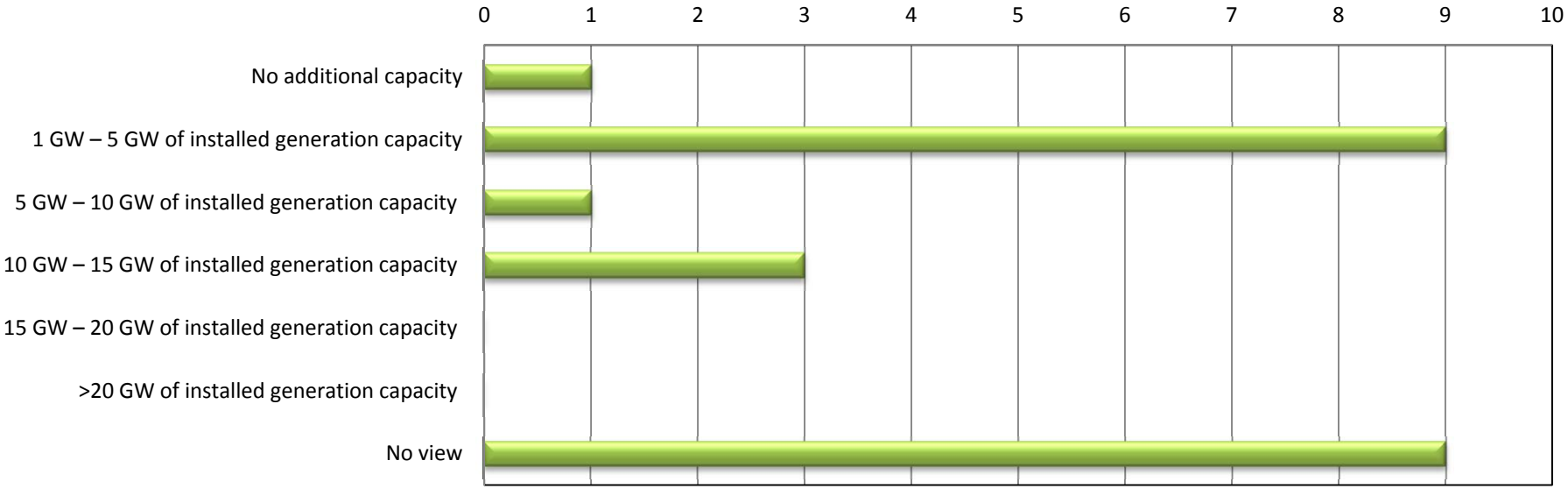
Remaining Margin: By 2030, what will be the level of remaining margin compared to the peak load in a Europe, in a STRONGER interconnected Europe as today? (Higher DSM)



	No view	> 30% of total generation capacity	25 – 30% of total generation capacity	20 – 25% of total generation capacity	15 – 20% of total generation capacity	10 – 15% of total generation capacity	5 - 10% of total generation capacity	< 5% of total generation capacity
Series1	15	0	0	1	0	4	1	2

Question 25

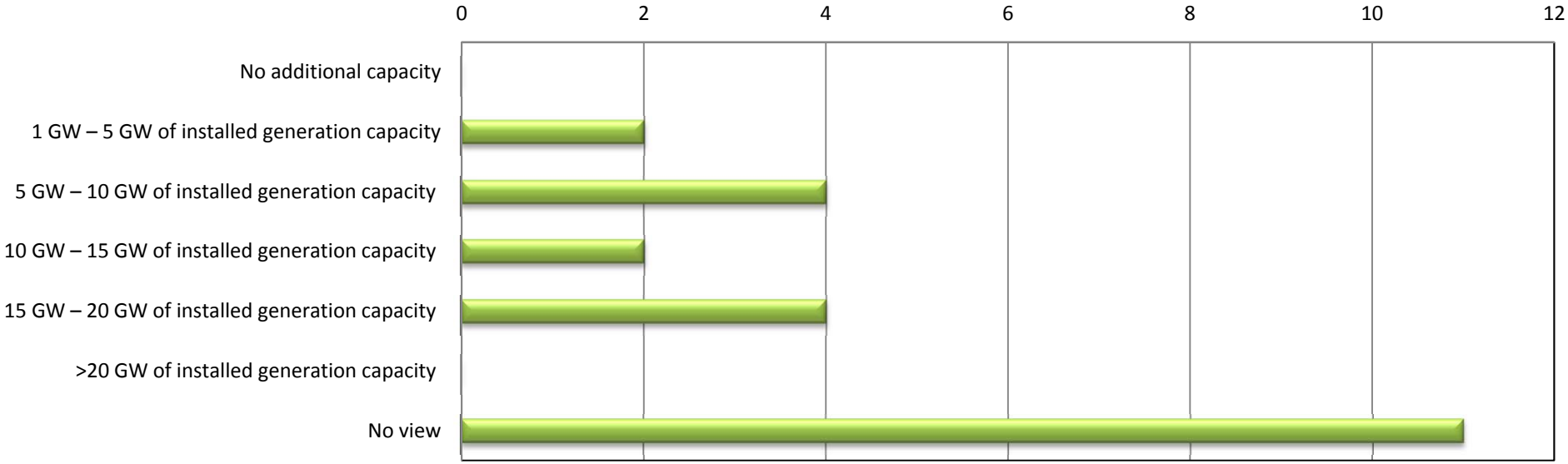
Centralized pumped hydro storage : By 2030, what will be the minimum additional installed capacity of centralized pumped hydro storage in Europe?



	No view	>20 GW of installed generation capacity	15 GW – 20 GW of installed generation capacity	10 GW – 15 GW of installed generation capacity	5 GW – 10 GW of installed generation capacity	1 GW – 5 GW of installed generation capacity	No additional capacity
Series1	9	0	0	3	1	9	1

Question 26

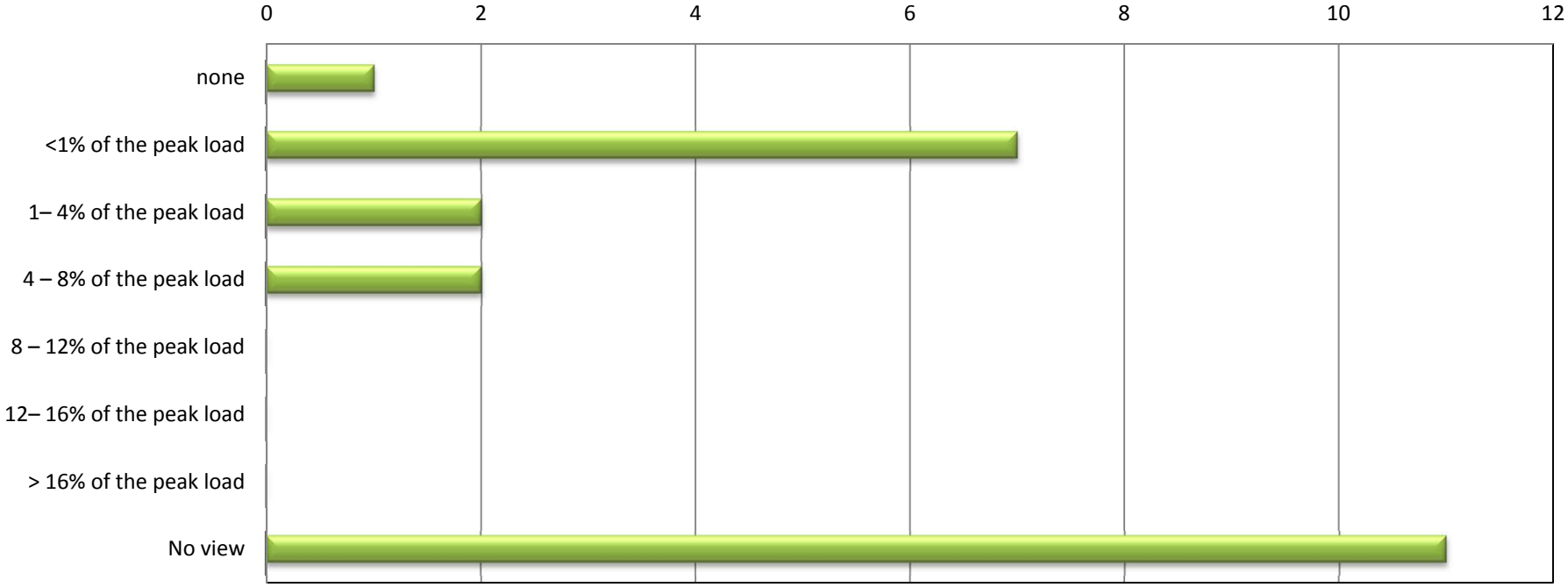
Centralized pumped hydro storage : By 2030, what will be the maximum additional installed capacity of centralized pumped hydro storage in Europe?



	No view	>20 GW of installed generation capacity	15 GW – 20 GW of installed generation capacity	10 GW – 15 GW of installed generation capacity	5 GW – 10 GW of installed generation capacity	1 GW – 5 GW of installed generation capacity	No additional capacity
Series1	11	0	4	2	4	2	0

Question 27

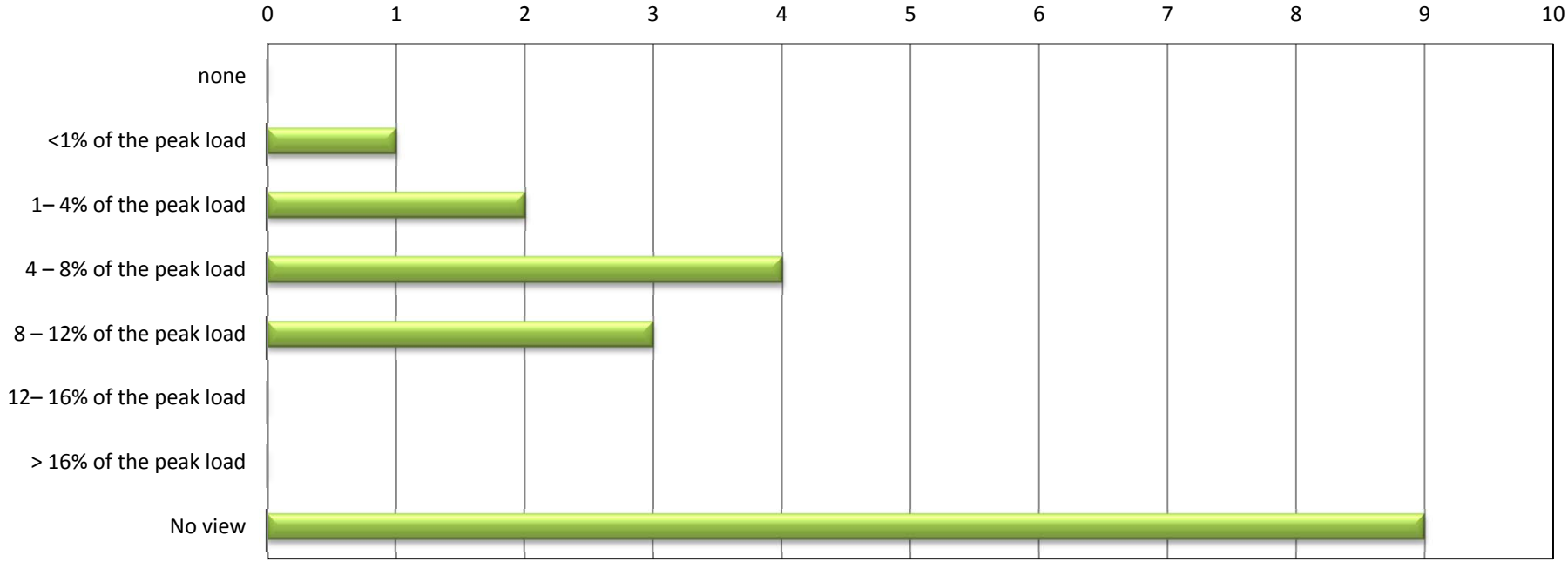
Decentralized storage capacity: By 2030, what will be the minimum level of decentralized storage capacity compared to the peak load in a Europe interconnected as is today?



	No view	> 16% of the peak load	12– 16% of the peak load	8 – 12% of the peak load	4 – 8% of the peak load	1– 4% of the peak load	<1% of the peak load	none
Series1	11	0	0	0	2	2	7	1

Question 28

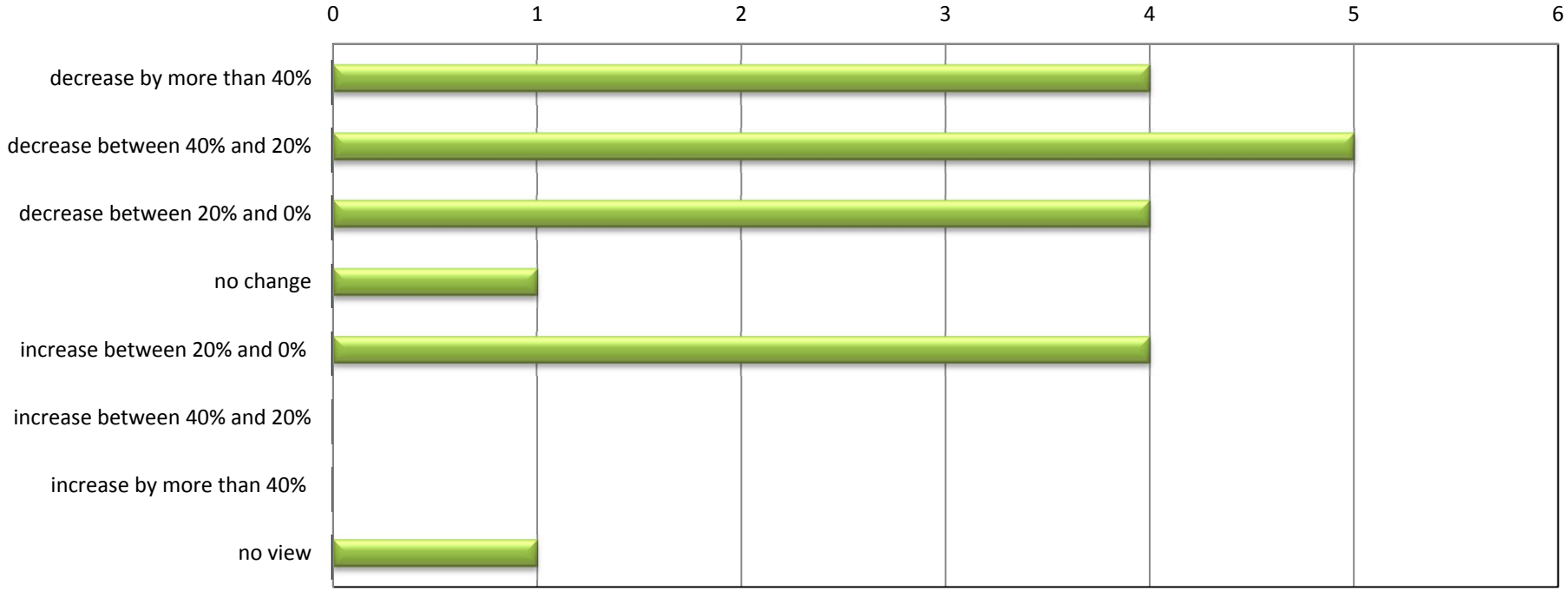
Decentralized storage capacity: By 2030, what will be the maximum level of decentralized storage capacity compared to the peak load in a Europe interconnected as is today?



	No view	> 16% of the peak load	12– 16% of the peak load	8 – 12% of the peak load	4 – 8% of the peak load	1– 4% of the peak load	<1% of the peak load	none
Series1	9	0	0	3	4	2	1	0

Question 29

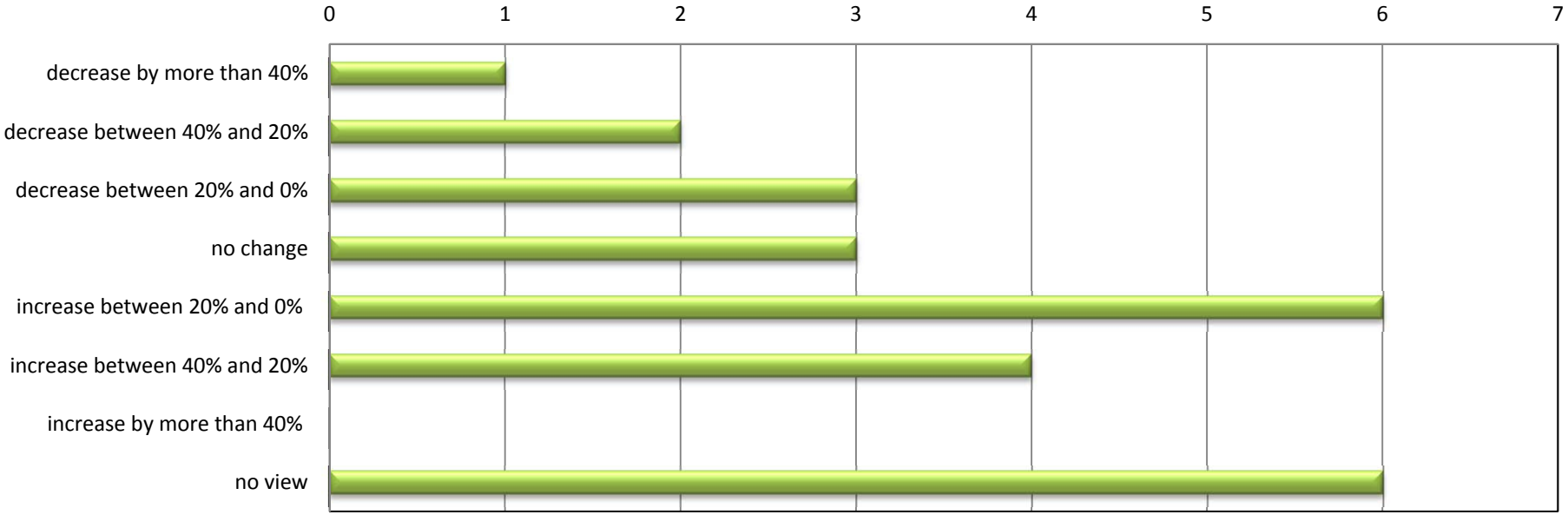
Nuclear capacity: By 2030, how will installed nuclear capacity change in Europe assuming that the political vision after Fukushima is maintained?



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	1	0	0	4	1	4	5	4

Question 30

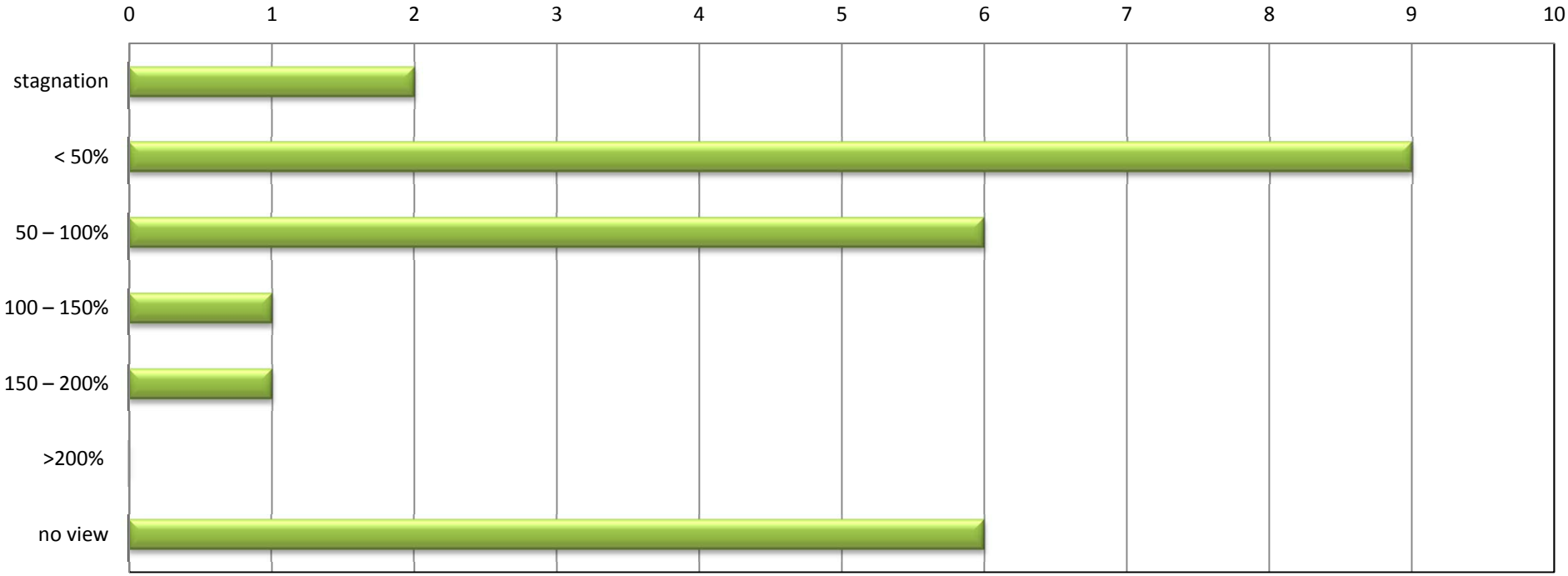
Nuclear capacity: By 2030, how will installed nuclear capacity change in Europe assuming that policy emphasis is on CO2 neutrality of nuclear generation?



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	6	0	4	6	3	3	2	1

Question 31

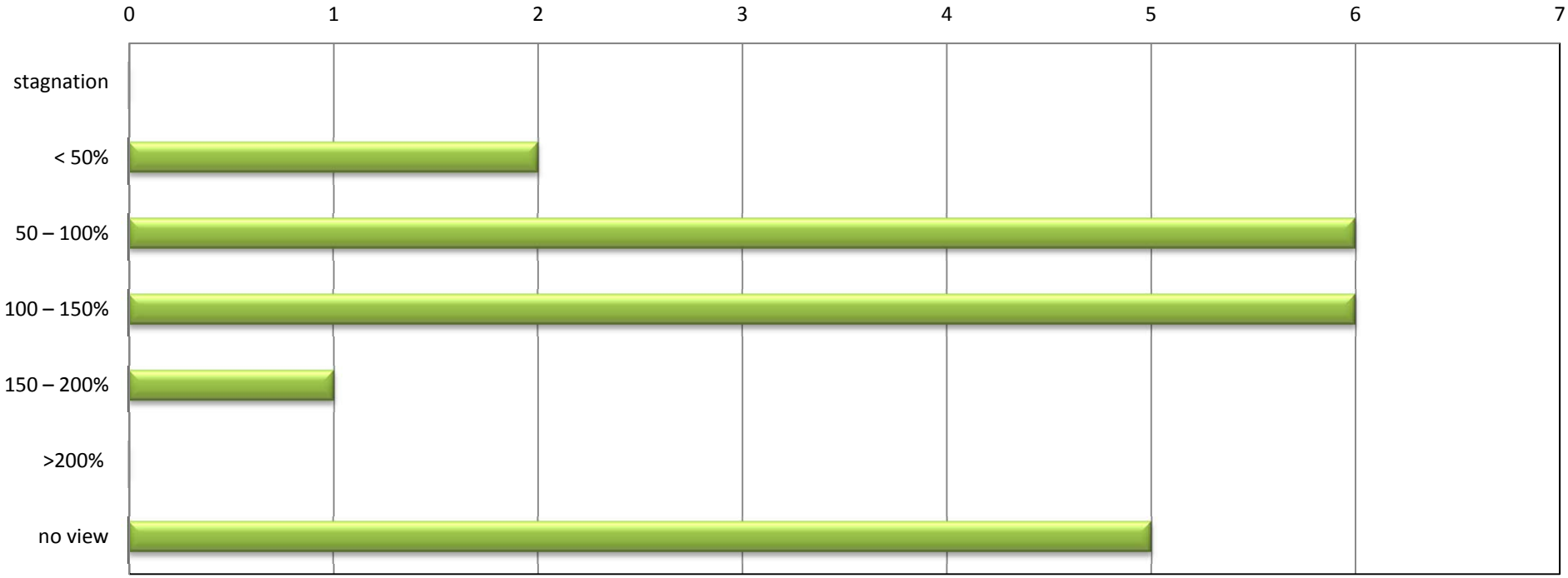
Gas for electricity generation: By 2030, what will be the minimum increase of installed capacity of Gas for electricity generation in Europe?



	no view	>200%	150 – 200%	100 – 150%	50 – 100%	< 50%	stagnation
Series1	6	0	1	1	6	9	2

Question 32

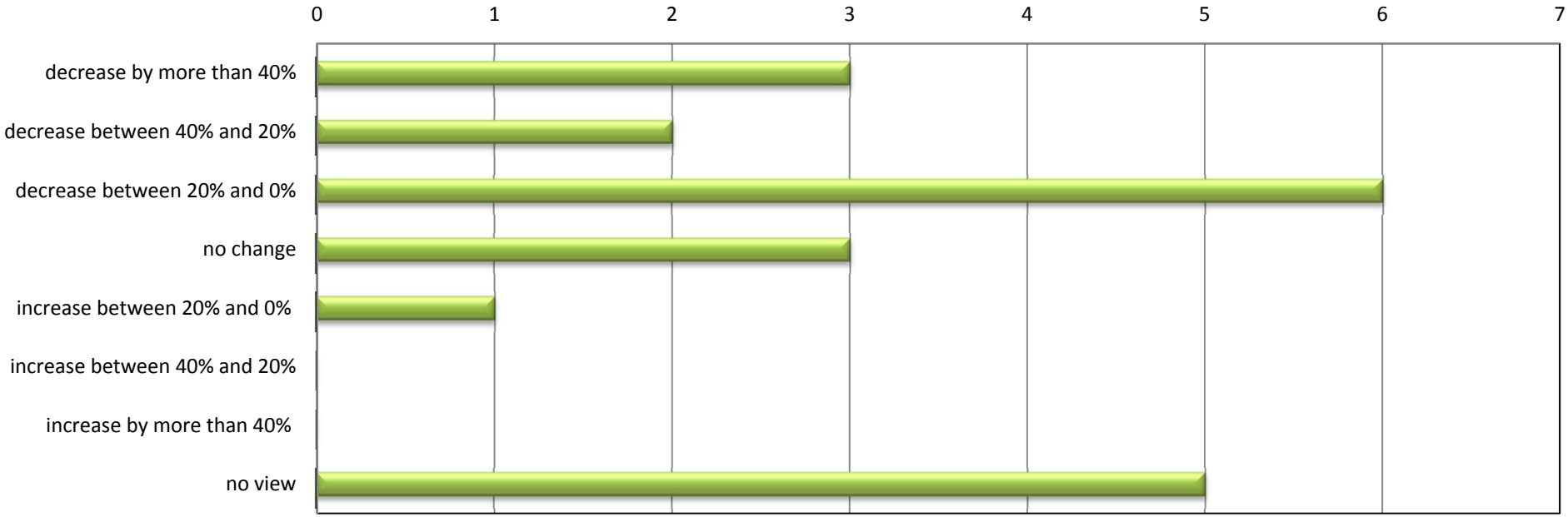
Gas for electricity generation: By 2030, what will be the maximum increase of installed capacity of Gas for electricity generation in Europe?



	no view	>200%	150 – 200%	100 – 150%	50 – 100%	< 50%	stagnation
Series1	5	0	1	6	6	2	0

Question 33

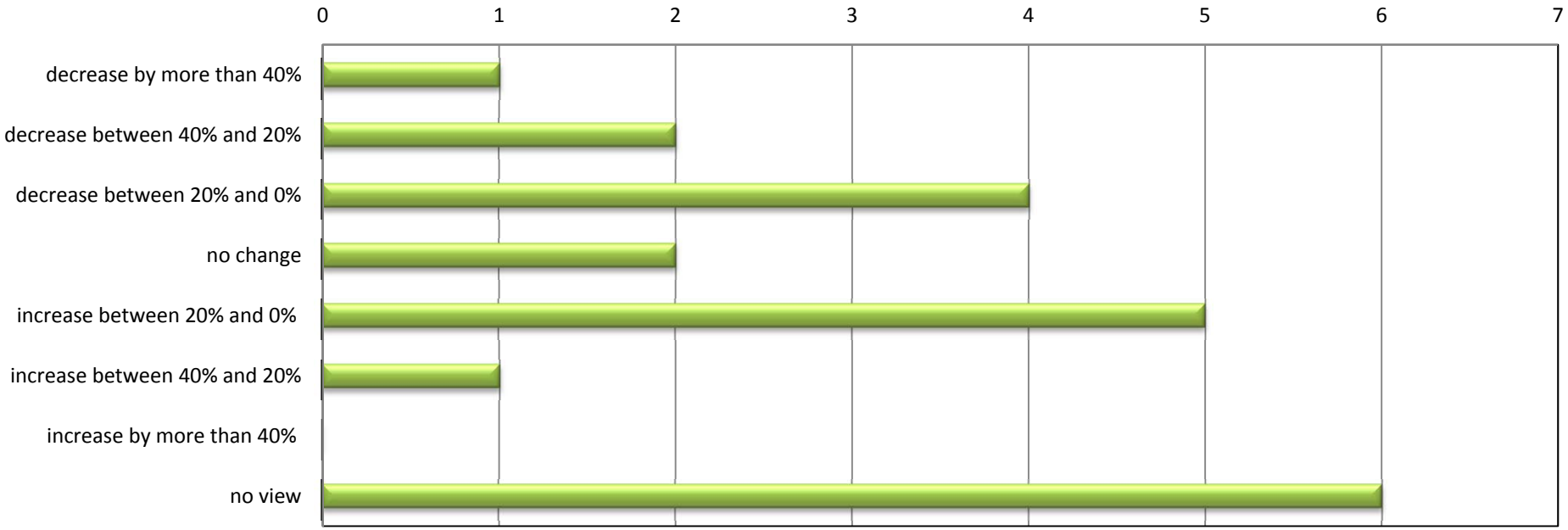
Coal & lignite for electricity generation: By 2030, what will be the minimum change of installed capacity of coal & lignite for electricity generation in Europe? (without CCS)



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	5	0	0	1	3	6	2	3

Question 34

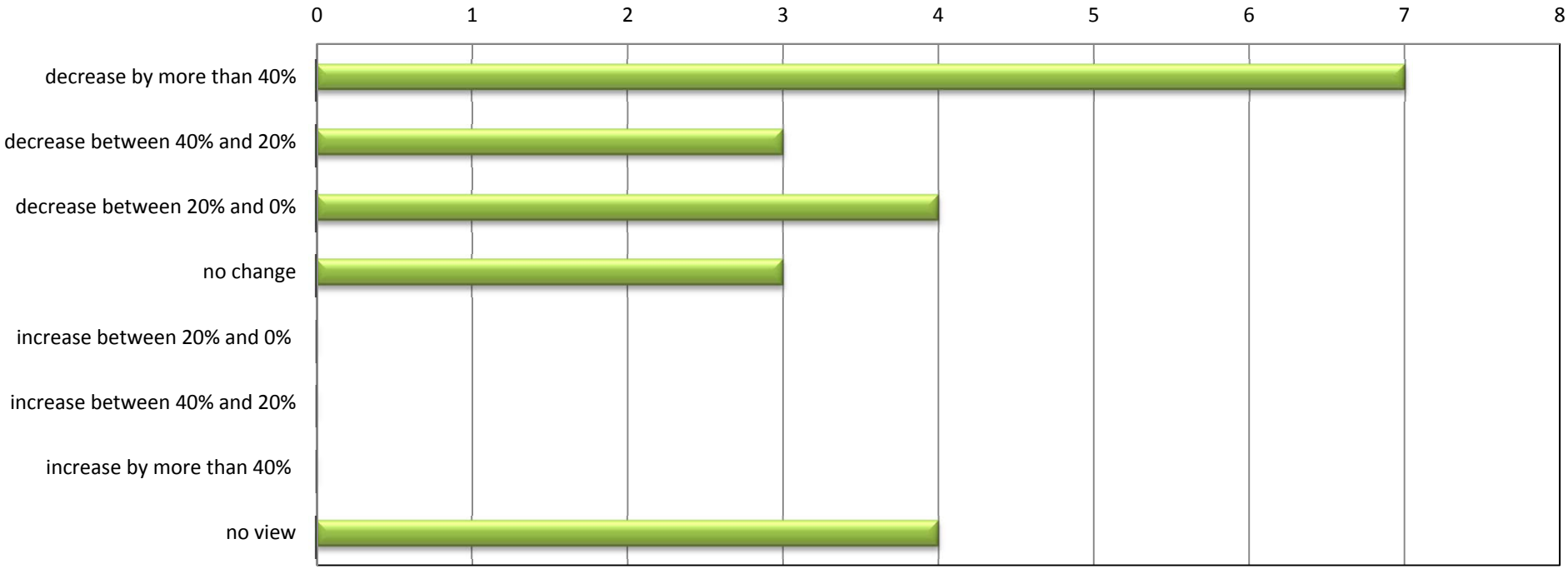
Coal & lignite for electricity generation: By 2030, what will be the maximum change of installed capacity of coal & lignite for electricity generation in Europe? (without CCS)



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	6	0	1	5	2	4	2	1

Question 35

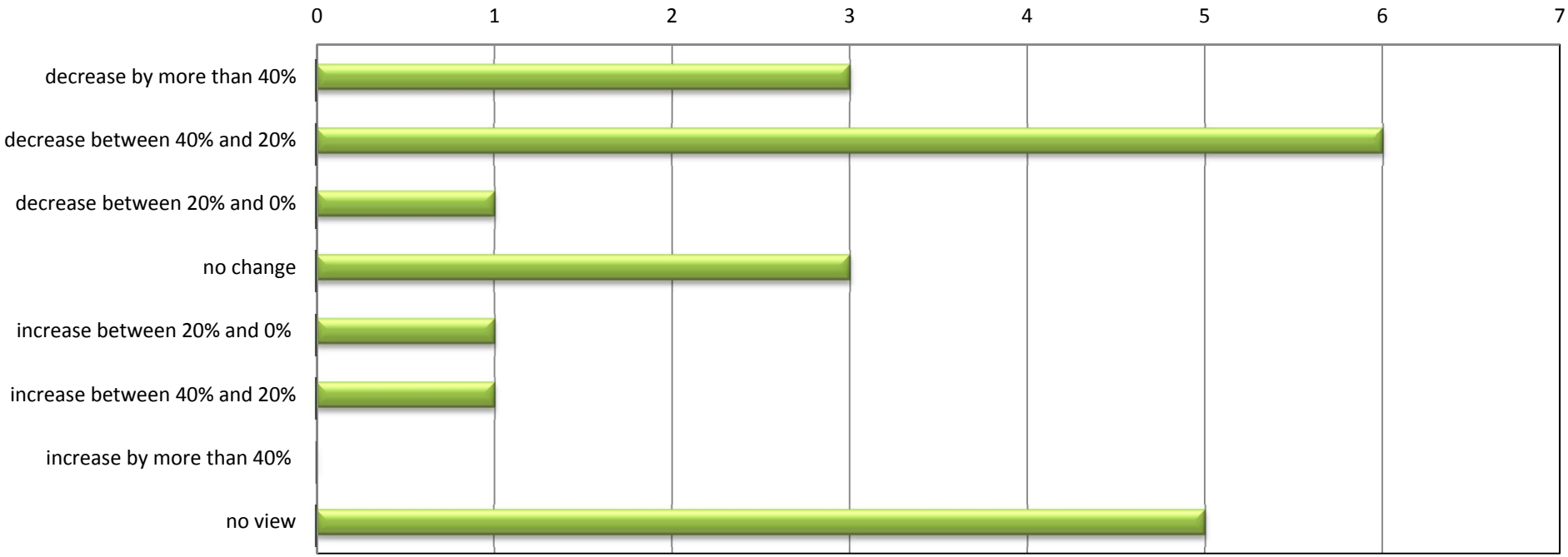
Oil for electricity generation: By 2030, what will be the minimum change of installed capacity of oil for electricity generation in Europe?



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	4	0	0	0	3	4	3	7

Question 36

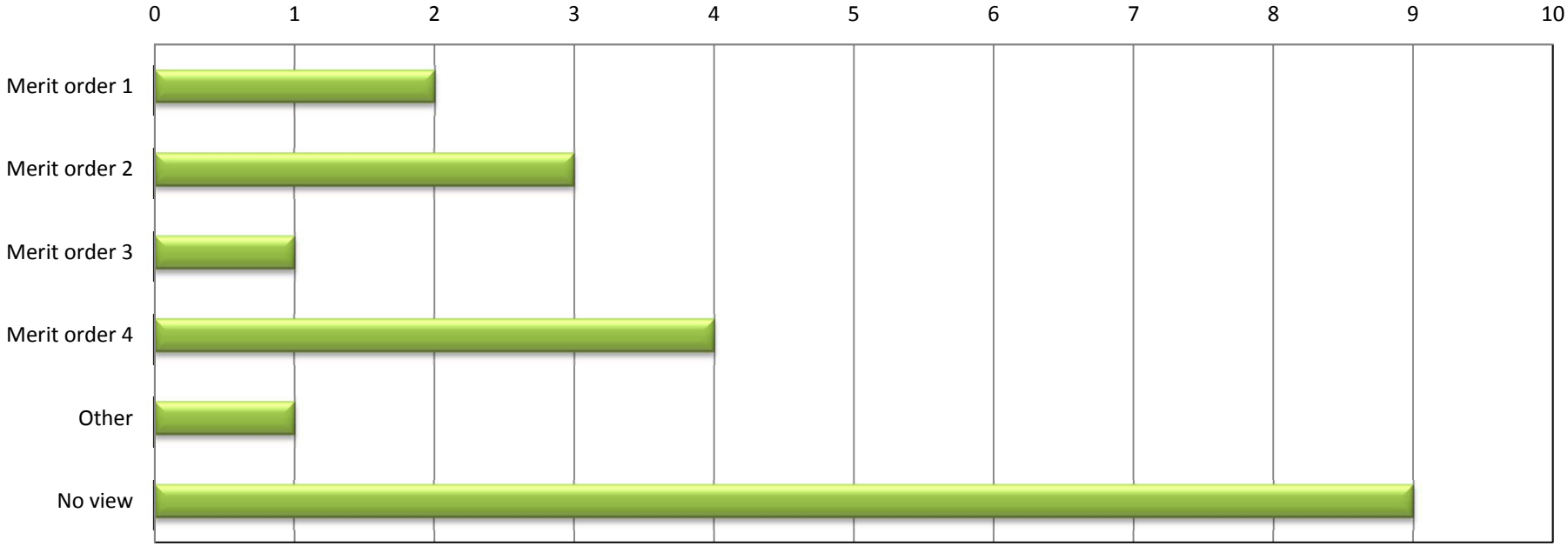
Oil for electricity generation: By 2030, what will be the maximum change of installed capacity of oil for electricity generation in Europe?



	no view	increase by more than 40%	increase between 40% and 20%	increase between 20% and 0%	no change	decrease between 20% and 0%	decrease between 40% and 20%	decrease by more than 40%
Series1	5	0	1	1	3	1	6	3

Question 37

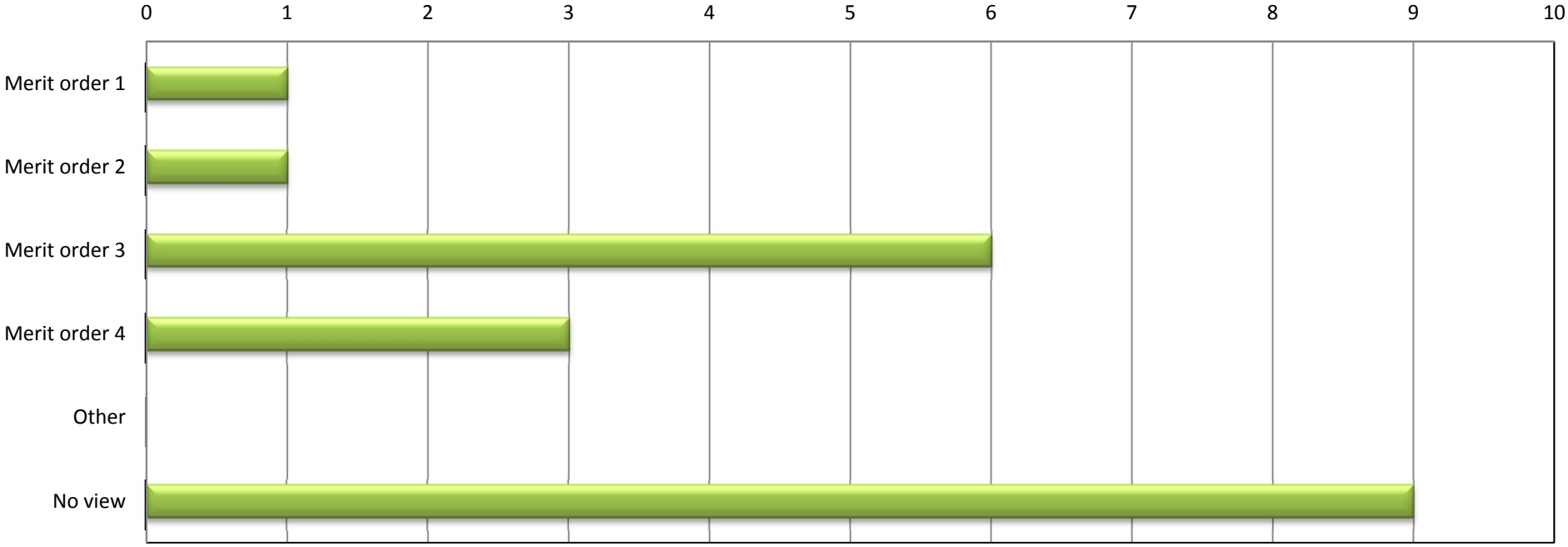
Merit order : What will be the effect of the combination of the level of primary fuel prices and the price of CO2 on the merit order in 2030 assuming a continuation of the current policy? :



	No view	Other	Merit order 4	Merit order 3	Merit order 2	Merit order 1
Series1	9	1	4	1	3	2

Question 38

Merit order : What will be the effect of the combination of the level of primary fuel prices and the price of CO2 on the merit order in 2030 assuming a timely realization of the roadmap 2050? :



	No view	Other	Merit order 4	Merit order 3	Merit order 2	Merit order 1
Series1	9	0	3	6	1	1