









Pandemic Healthcare Demand Swamps Capacity								
	S1 Standard Scenario Assumption	USA	UK					
	Physician Consultation Demand	PHCP Consults	GP Consults					
	Normal Consultations per week	19,623,240	4,672,200					
	Pandemic demand in peak week	15,871,380	3,778,900					
	Pandemic demand as % of capacity	81%	81%					
	Hospitalization Demand							
	Total number of hospital beds	944,277	136,486					
	Normal Occupancy Level:	68%	86%					
© Ellenine	Pandemic hospital bed demand	1,800,000	312,000					
	Pandemic demand as X of spare capacity	5.9	16.3					
	Intensive Care Demand							
	Total Intensive Care beds	67,357	3,770					
	Normal Occupancy Level:	80%	85%					
	Pandemic Intensive Care Bed Demand	350,000	58,000					
	Pandemic demand as X of spare capacity	25.9	102.6					
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Consequences of the Hypothetical Pandemic Scenario					
	Scenario	Poor Response	Vaccine Delay	Response & Vaccine Delay	
Global Death Toll	19 million	22 million	24 million	25 million	
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Global Loss of GDP	\$7 trillion	\$10 trillion	\$14 trillion	\$23 trillion	
% of world annual GDP	12%	18%	25%	40%	
Duration of global recession	6 months	9 months	9 months	12-24 months	
Life Insurance payouts	\$99 billion	\$113 billion	\$119 billion	\$121 billion	
Healthcare insurance payouts	\$93 billion	\$122 billion	\$128 billion	\$144 billion	
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	Estimated Impact of AMR on Future Pandemic Scenario							
	Total Death Toll	Median Estimate	Death Toll with AMR*					
	Worldwide	19 million						
	United States	425,000	616,000					
	United Kingdom	70,000	101,000					
* 'with assu 80% • Sta • Sta • Kla	AMR' imes that for the three strain are resistant strains, occurr aphylococcus aureus reptacoccus pneumonia ebsiella pneumoniae	is of bacteria causing ring through healthca	g secondary infectior re-associated pneur	ns of pneumonia, monia (HAP)				
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