

These are some of the chief causes which help to swell the tide of emigration from our shores. But we must not fail to notice that, while so many go away, population goes on increasing rapidly at home. There are about four million more people in the United Kingdom now than there were ten years ago. We shall see after a while that the more our people go abroad the more likely is there to be plenty of work for those who stay at home, with abundant and cheap food to support the workers.

Land ahead!—Newfoundland.

When we have been about five days at sea, the weather, hitherto bright and warm, changes; the sky is overcast, and a heavy fog lies on the water. A thermometer would show us that the actual temperature of the sea-water has gone down several degrees. The men on the look-out redouble their watchfulness, for the fog may hide many dangers. What is the meaning of this sudden change? It means that we are approaching the land, and are nearing the coast of **Newfoundland**. At this point a cold current meets us, coming from the Polar Sea, bringing with it great icebergs broken off from the masses of ice which everywhere surround the North Pole. East of the coast of Newfoundland this cold water meets a warm current which flows across the Atlantic from the Gulf of Mexico to the shores of Great Britain, and which is known as the **Gulf Stream**. The warm southern current has filled the atmosphere with moisture, which is condensed into vapour by the colder