

The first line chart compares the proportion of houses equipped with three electrical devices (washing machine, refrigerator, and vacuum cleaner) and the next one illustrates the weekly hours of utilizing them to do household activities, every twenty years between 1920 and 2019.

Overall, it can be seen that although the percentage of homes in which these three household electronics were adopted has experienced a considerable increase, there was a significant decrease in the number of hours using them doing housework over the provided period.

Among the given appliances, washing machine with a slight fluctuation between 1960 and 1980, had the least amount of increase, about 30% from 40% to 70%, rather than two other. In 1920, no households used refrigerator, while vacuum cleaner was found in approximately 40% homes. With a sharp growth in taking both, refrigerator became a necessary tool used by all people in 1980, compared to vacuum cleaner that reach the same situation of refrigerator in 2000.

With regards to the number of weekly hours of using mentioned tools to wash cloths, prepare meal, or clean the house, this figure witnessed a noticeable decline during the time interval. It decrease sharply from 50% in 1920 to about 20% in 1960. Over the rest of the period from 1960 to 2019, there was only around 10% reduction in hours.