**Social change**

**Introduction:**

**Social change**, in [sociology](https://www.britannica.com/topic/sociology), the alteration of mechanisms within the [social structure](https://www.britannica.com/topic/social-structure), characterized by changes in cultural symbols, rules of behaviour, social organizations, or value systems.

Throughout the historical development of their [discipline](https://www.merriam-webster.com/dictionary/discipline), sociologists have borrowed models of social change from other academic fields. In the late 19th century, when [evolution](https://www.britannica.com/science/evolution-scientific-theory) became the predominant model for understanding biological change, ideas of social change took on an evolutionary cast, and, though other models have refined modern notions of social change, evolution persists as an underlying principle.

Other sociological models created [analogies](https://www.merriam-webster.com/dictionary/analogies) between social change and the West’s technological progress. In the mid-20th century, anthropologists borrowed from the linguistic theory of [structuralism](https://www.britannica.com/science/structuralism-anthropology) to elaborate an approach to social change called [structural functionalism](https://www.britannica.com/topic/structural-functionalism). This theory postulated the existence of certain basic institutions (including kinship relations and division of labour) that determine social behaviour. Because of their interrelated nature, a change in one institution will affect other institutions.

Various theoretical schools have emphasized different aspects of change. [Marxist](https://www.britannica.com/topic/Marxism) theory suggests that changes in modes of production can lead to changes in [class](https://www.britannica.com/topic/social-class) systems, which can prompt other new forms of change or incite class conflict. A different view is conflict theory, which operates on a broad base that includes all institutions. The focus is not only on the purely [divisive](https://www.merriam-webster.com/dictionary/divisive) aspects of conflict, because conflict, while inevitable, also brings about changes that promote social [integration](https://www.merriam-webster.com/dictionary/integration). Taking yet another approach, structural-functional theory emphasizes the [integrating](https://www.merriam-webster.com/dictionary/integrating) forces in society that ultimately minimize instability.

Social change can evolve from a number of different sources, including contact with other societies (diffusion), changes in the ecosystem (which can cause the loss of natural resources or widespread disease), [technological](https://www.britannica.com/technology/history-of-technology) change (epitomized by the [Industrial Revolution](https://www.britannica.com/event/Industrial-Revolution), which created a new [social group](https://www.britannica.com/topic/social-group), the urban proletariat), and population growth and other [demographic](https://www.merriam-webster.com/dictionary/demographic) variables. Social change is also spurred by ideological, economic, and political movements.

**The changing social order:**

Social change in the broadest sense is any change in social relations. Viewed this way, social change is an ever-present phenomenon in any society. A distinction is sometimes made then between processes of change within the social structure, which serve in part to maintain the structure, and processes that modify the structure (societal change).

The specific meaning of social change depends first on the social entity considered. Changes in a small group may be important on the level of that group itself but negligible on the level of the larger society. Similarly, the observation of social change depends on the time span studied; most short-term changes are negligible when examined in the long run. Small-scale and short-term changes are characteristic of [human](https://www.britannica.com/topic/human-being) societies, because customs and norms change, new techniques and technologies are invented, environmental changes spur new [adaptations](https://www.merriam-webster.com/dictionary/adaptations), and conflicts result in redistributions of power.

This universal human potential for social change has a biological basis. It is rooted in the flexibility and adaptability of the human species—the near absence of biologically fixed action patterns (instincts) on the one hand and the enormous capacity for learning, symbolizing, and creating on the other hand. The human constitution makes possible changes that are not biologically (that is to say, genetically) determined. Social change, in other words, is possible only by virtue of biological characteristics of the human species, but the nature of the actual changes cannot be reduced to these species traits.

**Historical background:**

Several ideas of social change have been developed in various [cultures](https://www.merriam-webster.com/dictionary/cultures) and historical periods. Three may be distinguished as the most basic: (1) the idea of decline or degeneration, or, in religious terms, the fall from an original state of grace, (2) the idea of cyclic change, a pattern of subsequent and recurring phases of growth and decline, and (3) the idea of continuous progress. These three ideas were already prominent in Greek and Roman antiquity and have characterized Western social thought since that time. The concept of progress, however, has become the most influential idea, especially since the [Enlightenment](https://www.britannica.com/event/Enlightenment-European-history) movement of the 17th and 18th centuries. Social thinkers such as [Anne-Robert-Jacques Turgot](https://www.britannica.com/biography/Anne-Robert-Jacques-Turgot-baron-de-lAulne) and the [marquis de Condorcet](https://www.britannica.com/biography/Marie-Jean-Antoine-Nicolas-de-Caritat-marquis-de-Condorcet) in France and [Adam Smith](https://www.britannica.com/biography/Adam-Smith) and John Millar in Scotland advanced theories on the progress of human knowledge and [technology](https://www.britannica.com/technology/history-of-technology).

Progress was also the key idea in 19th-century theories of social evolution, and [evolutionism](https://www.britannica.com/topic/cultural-evolution) was the common core shared by the most influential social theories of that century. Evolutionism implied that humans progressed along one line of development, that this development was predetermined and inevitable, since it corresponded to definite laws, that some societies were more advanced in this development than were others, and that Western society was the most advanced of these and therefore indicated the future of the rest of the world’s population. This line of thought has since been disputed and disproved.

Following a different approach, French philosopher and social theorist [Auguste Comte](https://www.britannica.com/biography/Auguste-Comte) advanced a “[law of three stages](https://www.britannica.com/topic/law-of-three-stages),” according to which human societies progress from a theological stage, which is dominated by religion, through a [metaphysical](https://www.merriam-webster.com/dictionary/metaphysical) stage, in which abstract speculative thinking is most prominent, and onward toward a positivist stage, in which empirically based scientific theories prevail.

The most [encompassing](https://www.merriam-webster.com/dictionary/encompassing) theory of social evolution was developed by [Herbert Spencer](https://www.britannica.com/biography/Herbert-Spencer), who, unlike Comte, linked social evolution to biological evolution. According to Spencer, biological organisms and human societies follow the same universal, natural evolutionary law: “a change from a state of relatively indefinite, incoherent, [homogeneity](https://www.merriam-webster.com/dictionary/homogeneity) to a state of relatively definite, [coherent](https://www.merriam-webster.com/dictionary/coherent), heterogeneity.” In other words, as societies grow in size, they become more complex; their parts [differentiate](https://www.merriam-webster.com/dictionary/differentiate), specialize into different functions, and become, consequently, more interdependent.

Evolutionary thought also dominated the new field of social and [cultural anthropology](https://www.britannica.com/science/cultural-anthropology) in the second half of the 19th century. Anthropologists such as [Sir Edward Burnett Tylor](https://www.britannica.com/biography/Edward-Burnett-Tylor) and [Lewis Henry Morgan](https://www.britannica.com/biography/Lewis-Henry-Morgan) classified contemporary societies on an evolutionary scale. Tylor postulated an evolution of religious ideas from animism through polytheism to monotheism. Morgan ranked societies from “savage” through “barbarian” to “civilized” and classified them according to their levels of technology or sources of subsistence, which he connected with the kinship system. He assumed that monogamy was preceded by polygamy and patrilineal [descent](https://www.britannica.com/dictionary/descent) by [matrilineal descent](https://www.britannica.com/topic/matrilineal-society).

[Karl Marx](https://www.britannica.com/biography/Karl-Marx) and [Friedrich Engels](https://www.britannica.com/biography/Friedrich-Engels) too were highly influenced by evolutionary ideas. The Marxian distinctions between primitive [communism](https://www.britannica.com/topic/communism), the Asiatic mode of production, ancient [slavery](https://www.britannica.com/topic/slavery-sociology), [feudalism](https://www.britannica.com/topic/feudalism), [capitalism](https://www.britannica.com/topic/capitalism), and future [socialism](https://www.britannica.com/topic/socialism) may be interpreted as a list of stages in one evolutionary development (although the Asiatic mode does not fit well in this scheme). Marx and Engels were impressed by Morgan’s anthropological theory of evolution, which became evident in Engels’s book *The Origin of the Family, Private Property, and the State* (1884).



[Friedrich Engels](https://cdn.britannica.com/47/101747-050-D9B72200/Friedrich-Engels-supporter-German-Karl-Marx-1879.jpg)

Friedrich Engels, 1879.

*Universal History Archive/Universal Images Group/REX/Shutterstock.com*

The originality of the Marxian theory of [social development](https://www.britannica.com/science/social-learning) lay in its combination of [dialectics](https://www.britannica.com/topic/dialectic-logic) and gradualism. In Marx’s view social development was a dialectical process: the transition from one stage to another took place through a revolutionary transformation, which was preceded by increased deterioration of society and intensified class struggle. Underlying this discontinuous development was the more gradual development of the forces of production (technology and [organization of labour](https://www.britannica.com/topic/division-of-labour)).

Marx was also influenced by the countercurrent of [Romanticism](https://www.britannica.com/art/Romanticism), which was opposed to the idea of progress. This influence was evident in Marx’s notion of [alienation](https://www.britannica.com/topic/alienation-society), a consequence of social development that causes people to become distanced from the social forces that they had produced by their own activities. [Romantic](https://www.merriam-webster.com/dictionary/Romantic) counterprogressivism was, however, much stronger in the work of later 19th-century social theorists such as the German sociologist [Ferdinand Tönnies](https://www.britannica.com/biography/Ferdinand-Tonnies). Tönnies distinguished between the [community](https://www.merriam-webster.com/dictionary/community) (*[Gemeinschaft](https://www.britannica.com/topic/Gemeinschaft-and-Gesellschaft)*), in which people were bound together by common traditions and ties of affection and solidarity, and the society (*Gesellschaft*), in which social relations had become contractual, rational, and nonemotional.

[Émile Durkheim](https://www.britannica.com/biography/Emile-Durkheim) and [Max Weber](https://www.britannica.com/biography/Max-Weber-German-sociologist), sociologists who began their careers at the end of the 19th century, showed [ambivalence](https://www.merriam-webster.com/dictionary/ambivalence) toward the ideas of progress. Durkheim regarded the increasing [division of labour](https://www.britannica.com/topic/division-of-labour) as a basic process, rooted in modern [individualism](https://www.merriam-webster.com/dictionary/individualism), that could lead to “[anomie](https://www.britannica.com/topic/anomie),” or lack of [moral](https://www.merriam-webster.com/dictionary/moral) norms. Weber rejected evolutionism by arguing that the development of Western society was quite different from that of other civilizations and therefore historically unique. The West was characterized, according to Weber, by a peculiar type of rationality that had brought about modern capitalism, modern science, and rational law but that also created, on the negative side, a “disenchantment of the world” and increasing bureaucratization.



[Émile Durkheim](https://cdn.britannica.com/46/199546-050-4F20F068/Emile-Durkheim.jpg)

Émile Durkheim.

*Pictorial Press Ltd./Alamy*



[Max Weber](https://cdn.britannica.com/49/39749-050-E773E614/Max-Weber-1918.jpg)

Max Weber, 1918.

*Leif Geiges*

The work of Durkheim, Weber, and other social theorists around the turn of the century marked a transition from evolutionism toward more static theories. Evolutionary theories were criticized on [empirical](https://www.merriam-webster.com/dictionary/empirical) grounds—they could be refuted by a growing mass of research findings—and because of their determinism and Western-centred optimism. Theories of cyclic change that denied long-term progress gained popularity in the first half of the 20th century. These included the theory of the Italian economist and sociologist [Vilfredo Pareto](https://www.britannica.com/biography/Vilfredo-Pareto) on the “circulation of elites” and those of [Oswald Spengler](https://www.britannica.com/biography/Oswald-Spengler) and [Arnold Toynbee](https://www.britannica.com/biography/Arnold-Joseph-Toynbee) on the life cycle of civilizations. In the 1930s and ’40s, the Russian American [Pitirim Sorokin](https://www.britannica.com/biography/Pitirim-Alexandrovitch-Sorokin) developed a cyclic theory of cultural change in the West, describing repetitions of change from the ideational to the idealistic and sensate and back again.



[Vilfredo Pareto](https://cdn.britannica.com/58/171958-050-87B76EF0/Vilfredo-Pareto.jpg)

Vilfredo Pareto.



[Oswald Spengler](https://cdn.britannica.com/00/135000-050-95154449/Oswald-Spengler.jpg)

Oswald Spengler, c. 1930–36.

*German Federal Archives (Bundesarchiv), Bild 183-R06610; photograph, o.Ang.*

Although the interest in long-term social change never disappeared, it faded into the background, especially when, from the 1920s until the 1950s, functionalism, emphasizing an interdependent social system, became the dominant [paradigm](https://www.merriam-webster.com/dictionary/paradigm) both in anthropology and in sociology. “Social evolution” was substituted for the more general and neutral concept of “social change.”

The study of long-term social change revived in the 1950s and continued to develop through the 1960s and ’70s. [Neoevolutionist](https://www.britannica.com/topic/neoevolutionism) theories were proclaimed by several anthropologists, including [Ralph Linton](https://www.britannica.com/biography/Ralph-Linton), [Leslie A. White](https://www.britannica.com/biography/Leslie-A-White), [Julian H. Steward](https://www.britannica.com/biography/Julian-Steward), Marshall D. Sahlins, and [Elman Rogers Service](https://www.britannica.com/biography/Elman-Rogers-Service). These authors held to the idea of social evolution as a long-term development that is both patterned and [cumulative](https://www.merriam-webster.com/dictionary/cumulative). Unlike 19th-century evolutionism, [neoevolutionism](https://www.britannica.com/topic/neoevolutionism) does not assume that all societies go through the same stages of development. Instead, much attention is paid to variations between societies as well as to relations of influence among them. The latter concept has come to be known by the term [*acculturation*](https://www.britannica.com/topic/acculturation). In addition, social evolution is not regarded as predetermined or inevitable but is understood in terms of probabilities. Finally, evolutionary development is not equated with progress.

[Revived](https://www.britannica.com/dictionary/Revived) interest in long-term social change was sparked by attempts to explain the gaps between rich and poor countries. In the 1950s and ’60s, Western sociologists and economists developed [modernization](https://www.britannica.com/topic/modernization) theories to help understand the problems of the so-called [underdeveloped countries](https://www.britannica.com/topic/developing-nation). Some modernization theories have been criticized, however, for implying that poor countries could and should develop—or modernize—in the manner of Western societies. Modernization theories have also been criticized for their lack of attention to international power relations, in which the richer countries dominate the poorer ones. These relations were brought to the centre of attention by later theories of international dependency, typified by the “world capitalist system” described by the American sociologist [Immanuel Wallerstein](https://www.britannica.com/biography/Immanuel-M-Wallerstein). His world [systems theory](https://www.britannica.com/topic/systems-theory), however, was attacked for empirical reasons and for its failure to account for the [collapse of the Soviet Union](https://www.britannica.com/event/the-collapse-of-the-Soviet-Union) and the communist regimes of eastern Europe and their subsequent movement toward capitalism and [democracy](https://www.britannica.com/topic/democracy). Wallerstein’s theory also drew [criticism](https://www.merriam-webster.com/dictionary/criticism) for failing to explain significant [economic growth](https://www.britannica.com/topic/economic-growth) in developing countries such as [South Korea](https://www.britannica.com/place/South-Korea) and Singapore as well as in [Hong Kong](https://www.britannica.com/place/Hong-Kong).

**Patterns of social change:**

Theories of social change, both old and new, commonly assume that the course of social change is not arbitrary but is, to a certain degree, regular or patterned. The three traditional ideas of social change—decline, cyclic change, and progress—have unquestionably influenced modern theories. Yet because these theories are not scientifically determined, they fail to make an explicit distinction between decline and progress. In fact, the qualities of decline and progress cannot be derived scientifically (that is, from [empirical](https://www.merriam-webster.com/dictionary/empirical) observations) alone but are instead identified by normative evaluations and value judgments. If the study of social change is to be conducted on a scientific and nonnormative basis, then, only two fundamental patterns of social change can be considered: the cyclic, as identified above, and the one-directional. Often the time span of the change determines which pattern is observed.

[**Cyclic change**](https://www.britannica.com/topic/cyclical-change)**:**

Much of ordinary social life is organized in cyclic changes: those of the day, the week, and the year. These short-term cyclic changes may be regarded as conditions necessary for structural stability. Other changes that have a more or less cyclic pattern are less predictable. One example is the [business cycle](https://www.britannica.com/topic/business-cycle), a recurrent phenomenon of [capitalism](https://www.britannica.com/topic/capitalism), which seems somewhat patterned yet is hard to predict. A prominent theory of the business cycle is that of the Russian economist [Nikolay D. Kondratyev](https://www.britannica.com/biography/Nikolay-D-Kondratyev), who tried to show the recurrence of long [waves](https://www.britannica.com/topic/Kondratyev-cycle) of economic boom and recession on an international scale. He charted the waves from the end of the 18th century, with each complete wave [comprising](https://www.merriam-webster.com/dictionary/comprising) a period of about 50 years. Subsequent research has shown, however, that the patterns in different countries have been far from identical.

Long-term cyclic changes are addressed in theories on the birth, growth, flourishing, decline, and death of civilizations. [Toynbee](https://www.britannica.com/biography/Arnold-Toynbee) conceived world [history](https://www.britannica.com/topic/history) in this way in the first volumes of *A Study of History* (1934–61), as did [Spengler](https://www.britannica.com/biography/Oswald-Spengler) in his *Decline of the West* (1918–22). These theories have been criticized for conceiving of civilizations as natural entities with sharp boundaries, thinking that neglects the interrelations between civilizations.

[**One-directional change**](https://www.britannica.com/topic/one-directional-change)**:**

This type of change continues more or less in the same direction. Such change is usually [cumulative](https://www.merriam-webster.com/dictionary/cumulative) and implies growth or increase, such as that of population density, the size of organizations, or the level of production. The direction of the change could, however, be one of decrease or a combination of growth and decrease. An example of this last process is what the American cultural anthropologist [Clifford Geertz](https://www.britannica.com/biography/Clifford-Geertz) called “involution,” found in some agrarian societies when [population](https://www.britannica.com/science/population-biology-and-anthropology) growth is coupled with a decrease in per capita wealth. [Yet](https://www.britannica.com/dictionary/Yet) another change may be a shift from one pole to the other of a continuum—from religious to [secular](https://www.britannica.com/topic/secularism) ways of thinking, for example. Such a change may be defined as either growth (of scientific knowledge) or decline (of religion).

The simplest type of one-directional change is linear, occurring when the degree of social change is constant over time. Another type of social change is that of [exponential growth](https://www.britannica.com/topic/exponential-growth), in which the percentage of growth is constant over time and the change accelerates correspondingly. Population growth and production growth are known to follow this pattern over certain time frames.

A pattern of long-term growth may also conform to a three-stage S curve. In the first phase the change is slow enough as to be almost imperceptible. Next the change accelerates. In the third phase the rate of change slackens until it approaches a supposed upper limit. The model of the [demographic](https://www.merriam-webster.com/dictionary/demographic) transition in industrializing countries exhibits this pattern. In the first (premodern or preindustrial) stage both the [birth rate](https://www.britannica.com/science/birth-rate) and the mortality rate are high, and, consequently, the population grows very slowly; then mortality decreases, and the population grows much faster; in the third stage both the birth rate and the mortality rate have become low, and population growth approaches zero. The same model has been suggested, more hypothetically, for the rates of technological and scientific change.

**Combined patterns of change:**

Cyclic and one-directional changes may be observed simultaneously. This occurs in part because short-term change tends to be cyclic while long-term change tends to follow one direction. For example, production rates of industrializing countries exhibit the pattern of short-term business cycles occurring within long-term economic development.

These patterns cannot be applied simply and easily to social reality. At best, they are approximations of social reality. Comparing the model with reality is not always possible, because reliable data are not always available. Moreover, and more important, many social processes do not lend themselves to precise quantitative measurement. Processes such as bureaucratization or secularization, for example, can be defined through changes in a certain direction, but it is hard to reach agreement on the dimensions to be measured.

It remains to be seen whether long-term social change in a certain direction will be maintained. The transformation of [medieval](https://www.merriam-webster.com/dictionary/medieval) society into the modern nations of the West may be conceived in terms of several interconnected long-term one-directional changes. Some of the more important of these changes include commercialization, increasing division of labour, growth of production, formation of nation-states, bureaucratization, growth of technology and science, secularization, [urbanization](https://www.britannica.com/topic/urbanization), spread of literacy, increasing geographic and [social mobility](https://www.britannica.com/topic/social-mobility), and growth of organizations. Many of these changes have also occurred in non-Western societies. Most changes did not originate in the West, but some important changes did, such as the [Industrial Revolution](https://www.britannica.com/event/Industrial-Revolution) and the rise of capitalism. These changes subsequently had a strong impact on non-Western societies. Additionally, groups of people outside western Europe were drawn into a global division of labour, with Western nation-states gaining dominance both politically and economically.

The extent to which these changes are part of a global long-term [social development](https://www.britannica.com/science/social-learning) is the central question of social evolution. Although knowledge concerning this question is far from complete, some general trends may be hypothesized. One trend is seen in the technological [innovations](https://www.merriam-webster.com/dictionary/innovations) and advances in scientific knowledge that have harnessed natural forces for the satisfaction of [human](https://www.britannica.com/topic/human-being) needs. Among these innovations were the use of fire, the cultivation of plants, the domestication of animals (dating from about 8000 bce), the use of metals, and the process of [industrialization](https://www.britannica.com/topic/industrialization). These long-term developments, combined with long-term capital accumulation, led to rising production and paved the way for population growth and increasing population density. Energy production and [consumption](https://www.merriam-webster.com/dictionary/consumption) grew, if not per capita, then at least per square mile.

Another trend stems from production methods based on the [division of labour](https://www.britannica.com/topic/division-of-labour) and [social differentiation](https://www.britannica.com/topic/social-differentiation). The control of natural forces, and the ensuing social progress, was achieved only by utilizing the division of labour—and the corresponding specialization of knowledge—to raise productivity beyond natural limits. One consequence of this growth of productivity and technological [innovation](https://www.merriam-webster.com/dictionary/innovation), however, was social differentiation. More people, in other words, could specialize in activities that were not immediately necessary for survival. Growth in the size and density of populations and increases in social differentiation heightened the interdependence of more and more people over longer distances. In hunting-and-gathering societies people were strongly interdependent within their small bands, depending on very little from outside their groups. In modern times most of the world’s people are linked by networks of interdependence that span the globe.

These processes are not [inevitable](https://www.britannica.com/dictionary/inevitable) in the sense that they correspond to any “law” of social change. They have had the tendency, however, to spread whenever they occurred. For example, once the set of transformations known as the agrarian [revolution](https://www.britannica.com/topic/revolution-politics) had taken place anywhere in the world, their extension over the rest of the world was predictable. Societies that adopted these innovations grew in size and became more powerful. As a consequence, other societies had only three options: to be conquered and incorporated by a more powerful agrarian society, to adopt the innovations, or to be driven to marginal places of the globe. Something similar might be said of the Industrial Revolution and other power-enhancing innovations, such as bureaucratization and the introduction of more destructive weapons. The example of weapons illustrates that these transformational processes should not be equated with progress in general.

**Explanations of social change:**

One way of explaining social change is to show causal connections between two or more processes. This may take the form of [determinism](https://www.britannica.com/topic/determinism) or [reductionism](https://www.britannica.com/topic/reductionism), both of which tend to explain social change by reducing it to one supposed [autonomous](https://www.merriam-webster.com/dictionary/autonomous) and all-determining causal process. A more cautious assumption is that one process has relative causal priority, without implying that this process is completely autonomous and all-determining. What follows are some of the processes thought to contribute to social change.

**Natural environment:**

Changes in the natural [environment](https://www.merriam-webster.com/dictionary/environment) may result from climatic variations, natural disasters, or the spread of disease. For example, both the worsening of climatic conditions and the [Black Death](https://www.britannica.com/event/Black-Death) [epidemics](https://www.merriam-webster.com/dictionary/epidemics) are thought to have contributed to the crisis of [feudalism](https://www.britannica.com/topic/feudalism) in 14th-century Europe. Changes in the natural environment may be either independent of [human](https://www.britannica.com/topic/human-being) activities or caused by them. Deforestation, erosion, [air pollution](https://www.britannica.com/science/air-pollution), and contemporary [climate change](https://www.britannica.com/science/climate-change) belong to the latter category, and they in turn may have far-reaching social consequences.

[**Demographic processes**](https://www.britannica.com/topic/demography)**:**

Population growth and increasing population density represent [demographic](https://www.merriam-webster.com/dictionary/demographic) forms of social change. Population growth may lead to geographic expansion of a society, military conflicts, and the intermingling of [cultures](https://www.merriam-webster.com/dictionary/cultures). Increasing population density may stimulate technological [innovations](https://www.merriam-webster.com/dictionary/innovations), which in turn may increase the [division of labour](https://www.britannica.com/topic/division-of-labour), social differentiation, commercialization, and [urbanization](https://www.britannica.com/topic/urbanization). This sort of process occurred in western Europe from the 11th to the 13th century and in England in the 18th century, where population growth spurred the [Industrial Revolution](https://www.britannica.com/event/Industrial-Revolution). On the other hand, population growth may contribute to economic stagnation and increasing [poverty](https://www.britannica.com/topic/poverty), as may be witnessed in several developing countries today.

**Technological innovations:**

Several theories of social evolution identify technological innovations as the most important determinants of societal change. Such technological breakthroughs as the smelting of iron, the introduction of the [plow](https://www.britannica.com/dictionary/plow) in agriculture, the invention of the [steam engine](https://www.britannica.com/technology/steam-engine), and the development of computers and the Internet have had lasting social consequences.

**Economic processes:**

Technological changes are often considered in conjunction with economic processes. These include the formation and extension of markets, modifications of property relations (such as the change from feudal lord-peasant relations to contractual proprietor-tenant relations), and changes in the organization of labour (such as the change from independent craftsmen to factories). Historical [materialism](https://www.britannica.com/topic/materialism-philosophy), as developed by Marx and Engels, is one of the more prominent theories that gives priority to economic processes, but it is not the only one. Indeed, materialist theories have even been developed in opposition to Marxism. One of these theories, the “logic of industrialization” thesis by the American scholar Clark Kerr and his colleagues, states that [industrialization](https://www.britannica.com/topic/industrialization) everywhere, including in the mid-20th-century communist countries, has similar consequences.

**Ideas:**

Other theories have stressed the significance of ideas as causes of social change. Comte’s [law of three stages](https://www.britannica.com/topic/law-of-three-stages) is such a theory. Weber regarded religious ideas as important contributors to economic development or stagnation; according to his controversial thesis, the individualistic [ethic](https://www.merriam-webster.com/dictionary/ethic) of Christianity, and in particular [Calvinism](https://www.britannica.com/topic/Calvinism), partially explains the rise of the capitalist spirit, which led to economic dynamism in the West.

**Social movements:**

A change in [collective](https://www.merriam-webster.com/dictionary/collective) ideas is not merely an [intellectual](https://www.merriam-webster.com/dictionary/intellectual) process; it is often connected to the formation of new [social movements](https://www.britannica.com/topic/social-movement). This in itself might be regarded as a potential cause of social change. Weber called attention to this factor in conjunction with his concept of “[charismatic leadership](https://www.britannica.com/topic/charismatic-authority).” [Charismatic](https://www.merriam-webster.com/dictionary/Charismatic) leaders, by virtue of the extraordinary personal qualities attributed to them, are able to create a group of followers who are willing to break established rules. Examples include Jesus, Napoleon, and Hitler. In later social theory, however, the concept of [charisma](https://www.merriam-webster.com/dictionary/charisma) was trivialized to refer to almost any popular figure.

**Political processes:**

Changes in the regulation of violence, in the organization of the state, and in [international relations](https://www.britannica.com/topic/international-relations) may also contribute to social change. For example, German sociologist [Norbert Elias](https://www.britannica.com/biography/Norbert-Elias) interpreted the formation of states in western Europe as a relatively autonomous process that led to increasing control of violence and, ultimately, to rising standards of self-control. According to other theories of political revolution, such as those proposed by the American historical sociologist Charles Tilly, the functioning of the state apparatus itself and the nature of interstate relations are of decisive importance in the outbreak of a [revolution](https://www.britannica.com/topic/revolution-politics): it is only when the state is not able to fulfill its basic functions of maintaining [law](https://www.britannica.com/topic/law) and order and defending territorial [integrity](https://www.merriam-webster.com/dictionary/integrity) that revolutionary groups have any chance of success.

Each of these processes may contribute to others; none is the sole determinant of social change. One reason why deterministic or reductionist theories are often disproved is that the method for explaining the processes is not autonomous but must itself be explained. Moreover, social processes are often so intertwined that it would be misleading to consider them separately. For example, there are no fixed borders between economic and political processes, nor are there fixed boundaries between economic and technological processes. Technological change may in itself be regarded as a specific type of organizational or [conceptual](https://www.merriam-webster.com/dictionary/conceptual) change. The causal connections between distinguishable social processes are a matter of degree and vary over time.

**Mechanisms of social change:**

Causal explanations of social change are limited in scope, especially when the subject of study involves initial conditions or basic processes. A more general and theoretical way of explaining social change is to construct a model of recurring mechanisms of social change. Such mechanisms, incorporated in different theoretical models, include the following.

**Mechanisms of** [**one-directional change:**](https://www.britannica.com/topic/one-directional-change) **accumulation, selection, and differentiation**

Some evolutionary theories stress the essentially [cumulative](https://www.merriam-webster.com/dictionary/cumulative) nature of [human](https://www.britannica.com/topic/human-being) knowledge. Because human beings are innovative, they add to existing knowledge, replacing less adequate ideas and practices with better ones. As they learn from mistakes, they select new ideas and practices through a trial-and-error process (sometimes compared to the process of [natural selection](https://www.britannica.com/science/natural-selection)). According to this theory, the expansion of [collective](https://www.merriam-webster.com/dictionary/collective) knowledge and capabilities beyond a certain limit is possible only by specialization and differentiation. Growth of technical knowledge stimulates capital accumulation, which leads to rising production levels. Population growth also may be incorporated in this model of cumulative evolution: it is by the accumulation of collective technical knowledge and means of production that human beings can increase their numbers; this growth then leads to new problems, which are solved by succeeding [innovation](https://www.merriam-webster.com/dictionary/innovation).

**Mechanisms of curvilinear and** [**cyclic change:**](https://www.britannica.com/topic/cyclical-change) **saturation and exhaustion:**

Models of one-directional change assume that change in a certain direction induces further change in the same direction; models of curvilinear or cyclic change, on the other hand, assume that change in a certain direction creates the conditions for change in another (perhaps even the opposite) direction. More specifically, it is often assumed that growth has its limits and that in approaching these limits the change curve will inevitably be bent. Ecological conditions such as the availability of natural resources, for instance, can limit population, economic, and organizational growth.

Shorter-term cyclic changes are explained by [comparable](https://www.britannica.com/dictionary/comparable) mechanisms. Some theories of the [business cycle](https://www.britannica.com/topic/business-cycle), for example, assume that the economy is saturated periodically with capital goods; investments become less necessary and less profitable, the rate of investments diminishes, and this downward trend results in a recession. After a period of time, however, essential capital goods will have to be replaced; investments are pushed up again, and a phase of economic expansion begins.

[**Conflict**](https://www.britannica.com/topic/conflict-behaviour)**, competition, and cooperation:**

Group conflict has often been viewed as a basic mechanism of social change, especially of those radical and sudden social transformations identified as revolutions. Marxists in particular tend to depict social life in capitalist society as a struggle between a ruling class, which wishes to maintain the system, and a dominated class, which [strives](https://www.britannica.com/dictionary/strives) for radical change. Social change then is the result of that struggle. These ideas are basic to what sociologist Ralf Dahrendorf has called a conflict model of society.

The notion of conflict becomes more relevant to the explanation of social change if it is broadened to include [competition](https://www.britannica.com/topic/competition-economics) between rival groups. Nations, firms, universities, sports associations, and artistic schools are groups between which such rivalry occurs. Competition stimulates the introduction and [diffusion of innovations](https://www.britannica.com/topic/diffusion-of-innovations), especially when they are potentially power-enhancing.

Additionally, competition may lead to growth in the size and complexity of the entities involved. The classic example of this process, as first suggested by [Adam Smith](https://www.britannica.com/biography/Adam-Smith), is the tendency in [capitalism](https://www.britannica.com/topic/capitalism) toward collusion and the establishment of monopolies when small firms are driven out of the competitive marketplace. Another example came from [Norbert Elias](https://www.britannica.com/biography/Norbert-Elias), who suggested that western European nation-states were born out of competitive struggles between feudal lords. Competition also dominates theories of [individualism](https://www.merriam-webster.com/dictionary/individualism), in which social change is seen as the result of individuals pursuing their self-interest. [Game theory](https://www.britannica.com/science/game-theory) and other mathematical devices, however, have shown that individuals acting in their own self-interest will in certain conditions cooperate with one another and thereby widen the existing social networks.



[*Adam Smith*](https://cdn.britannica.com/13/60213-050-CE6A640C/Adam-Smith-paste-medallion-James-Tassie-Scottish-1787.jpg)

*Adam Smith*, paste medallion by James Tassie, 1787; in the Scottish National Portrait Gallery, Edinburgh.

*Courtesy of the Scottish National Portrait Gallery, Edinburgh*

**Tension and adaptation:**

In [structural functionalism](https://www.britannica.com/topic/structural-functionalism), social change is regarded as an adaptive response to some tension within the social system. When some part of an [integrated](https://www.merriam-webster.com/dictionary/integrated) social system changes, a tension between this and other parts of the system is created, which will be resolved by the adaptive change of the other parts. An example is what the American sociologist [William Fielding Ogburn](https://www.britannica.com/biography/William-Fielding-Ogburn) called [cultural lag](https://www.britannica.com/topic/cultural-lag), which refers in particular to a gap that develops between fast-changing technology and other slower-paced sociocultural traits.

**Diffusion of** [**innovations**](https://www.britannica.com/topic/innovation-creativity)**:**

Some social changes result from the [innovations](https://www.merriam-webster.com/dictionary/innovations) that are adopted in a society. These can include technological inventions, new scientific knowledge, new beliefs, or a new fashion in the sphere of leisure. [Diffusion](https://www.merriam-webster.com/dictionary/Diffusion) is not automatic but selective; an innovation is adopted only by people who are motivated to do so. Furthermore, the innovation must be compatible with important aspects of the [culture](https://www.merriam-webster.com/dictionary/culture). One reason for the adoption of innovations by larger groups is the example set by higher-status groups, which act as reference groups for other people. Many innovations tend to follow a pattern of diffusion from higher- to lower-status groups. More specifically, most early adopters of innovations in modern Western societies, according to several studies, are young, urban, [affluent](https://www.merriam-webster.com/dictionary/affluent), and highly educated, with a high occupational status. Often they are motivated by the wish to distinguish themselves from the crowd. After diffusion has taken place, however, the innovation is no longer a symbol of distinction. This motivates the same group to look for something new again. This mechanism may explain the succession of fads, fashions, and social movements. (See [social class](https://www.britannica.com/topic/social-class), [social status](https://www.britannica.com/topic/social-status).)

**Planning and institutionalization of change:**

Social change may result from goal-directed large-scale social planning. The possibilities for planning by government [bureaucracies](https://www.merriam-webster.com/dictionary/bureaucracies) and other large organizations have increased in modern societies. Most social planning is short-term, however; the goals of planning are often not reached, and, even if the planning is successful in terms of the stated goals, it often has unforeseen consequences. The wider the scope and the longer the time span of planning, the more difficult it is to attain the goals and avoid unforeseen or undesired consequences. This was most often the case in communist and totalitarian societies, where the most serious efforts toward integrated and long-term planning were put into practice. Most large-scale and long-term social developments in any society are still largely unplanned, yet large-scale changes resulting from laws to establish large governmental agencies, such as for [unemployment insurance](https://www.britannica.com/topic/unemployment-insurance) and guaranteed medical care, have produced significant institutional changes in most industrial societies.

Planning implies institutionalization of change, but institutionalization does not imply planning. Many unplanned social changes in modern societies are institutionalized; they originate in organizations permanently oriented to innovation, such as universities and the research departments of governments and private firms, but their social [repercussions](https://www.merriam-webster.com/dictionary/repercussions) are not controlled. In the fields of science and technology, change is especially institutionalized, which produces social change that is partly intended and partly unintended.

**Conclusion:**

The causes of social change are [diverse](https://www.merriam-webster.com/dictionary/diverse), and the processes of change can be identified as either short-term trends or long-term developments. Change can be either cyclic or one-directional.

The mechanisms of social change can be varied and interconnected. Several mechanisms may be combined in one explanatory model of social change. For example, [innovation](https://www.merriam-webster.com/dictionary/innovation) by business might be stimulated by competition and by government regulation.

To the degree that change processes are regular and interconnected, social change itself is structured. Change on different levels—social [dynamics](https://www.merriam-webster.com/dictionary/dynamics) in everyday life and short-term transformations and long-term developments in society at large—has been the focus of much attention in the study of society.