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Demographics show that populations are growing older, a situation that is putting a strain on the social and economic resources of countries around the world. The outlook for those gray populations as well as the biological and physiological causes of aging are explored in News stories (beginning on page 42), a Perspective (page 80), and Articles (beginning on page 54) in this special issue on aging. [Image taken from Gustav Klimt's Three Ages of Woman (1905). Scala/Art Resource]