

“(1) the leadership of the United States in product and process quality has been challenged strongly (and sometimes successfully) by foreign competition, and our Nation’s productivity growth has improved less than our competitors over the last two decades;

“(2) American business and industry are beginning to understand that poor quality costs companies as much as 20 percent of sales revenues nationally, and that improved quality of goods and services goes hand in hand with improved productivity, lower costs, and increased profitability;

“(3) strategic planning for quality and quality improvement programs, through a commitment to excellence in manufacturing and services, are becoming more and more essential to the well-being of our Nation’s economy and our ability to compete effectively in the global marketplace;

“(4) improved management understanding of the factory floor, worker involvement in quality, and greater emphasis on statistical process control can lead to dramatic improvements in the cost and quality of manufactured products;

“(5) the concept of quality improvement is directly applicable to small companies as well as large, to service industries as well as manufacturing, and to the public sector as well as private enterprise;

“(6) in order to be successful, quality improvement programs must be management-led and customer-oriented and this may require fundamental changes in the way companies and agencies do business;

“(7) several major industrial nations have successfully coupled rigorous private sector quality audits with national awards giving special recognition to those enterprises the audits identify as the very best; and

“(8) a national quality award program of this kind in the United States would help improve quality and productivity by—

“(A) helping to stimulate American companies to improve quality and productivity for the pride of recognition while obtaining a competitive edge through increased profits,

“(B) recognizing the achievements of those companies which improve the quality of their goods and services and providing an example to others,

“(C) establishing guidelines and criteria that can be used by business, industrial, governmental, and other organizations in evaluating their own quality improvement efforts, and

“(D) providing specific guidance for other American organizations that wish to learn how to manage for high quality by making available detailed information on how winning organizations were able to change their cultures and achieve eminence.

“(b) PURPOSE.—It is the purpose of this Act [enacting this section, amending section 3708 of this title, and enacting provisions set out as a note under section 3701 of this title] to provide for the establishment and conduct of a national quality improvement program under which (1) awards are given to selected companies and other organizations in the United States that practice effective quality management and as a result make significant improvements in the quality of their goods and services, and (2) information is disseminated about the successful strategies and programs.”

#### § 3711b. Conference on advanced automotive technologies

Not later than 180 days after December 18, 1991, the Secretary of Commerce, through the Under Secretary of Commerce for Technology, in consultation with other appropriate officials, shall convene a conference of domestic motor vehicle manufacturers, parts suppliers, Federal laboratories, and motor vehicle users to explore ways in which cooperatively they can improve the competitiveness of the United States motor vehicle industry by developing new technologies

which will enhance the safety and energy savings, and lessen the environmental impact of domestic motor vehicles, and the results of such conference shall be published and then submitted to the President and to the Committees on Science, Space, and Technology and Public Works and Transportation of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.

(Pub. L. 96–480, §18, as added Pub. L. 102–240, title VI, §6019, Dec. 18, 1991, 105 Stat. 2183.)

#### Statutory Notes and Related Subsidiaries

##### CHANGE OF NAME

Committee on Public Works and Transportation of House of Representatives treated as referring to Committee on Transportation and Infrastructure of House of Representatives by section 1(a) of Pub. L. 104–14, set out as a note preceding section 21 of Title 2.

#### § 3711c. Advanced motor vehicle research award

##### (a) Establishment

There is established a National Award for the Advancement of Motor Vehicle Research and Development. The award shall consist of a medal, and a cash prize if funding is available for the prize under subsection (c). The medal shall be of such design and materials and bear inscriptions as is determined by the Secretary of Transportation.

##### (b) Making and presenting award

The Secretary of Transportation shall periodically make and present the award to domestic motor vehicle manufacturers, suppliers, or Federal laboratory personnel who, in the opinion of the Secretary of Transportation, have substantially improved domestic motor vehicle research and development in safety, energy savings, or environmental impact. No person may receive the award more than once every 5 years.

##### (c) Funding for award

The Secretary of Transportation may seek and accept gifts of money from private sources for the purpose of making cash prize awards under this section. Such money may be used only for that purpose, and only such money may be used for that purpose.

(Pub. L. 96–480, §19, as added Pub. L. 102–240, title VI, §6019, Dec. 18, 1991, 105 Stat. 2184.)

#### § 3712. Personnel exchanges

The Secretary, the Secretary of Energy, and the Director of the National Science Foundation, jointly, shall establish a program to foster the exchange of scientific and technical personnel among academia, industry, and Federal laboratories. Such program shall include both (1) federally supported exchanges and (2) efforts to stimulate exchanges without Federal funding.

(Pub. L. 96–480, §20, formerly §13, Oct. 21, 1980, 94 Stat. 2320; renumbered §17, Pub. L. 99–502, §2, Oct. 20, 1986, 100 Stat. 1785; renumbered §16, Pub. L. 99–502, §9(e)(1), Oct. 20, 1986, 100 Stat. 1797; renumbered §17, Pub. L. 100–107, §3(a), Aug. 20, 1987, 101 Stat. 725; renumbered §18, Pub. L. 100–418, title V, §5122(a)(1), Aug. 23, 1988, 102 Stat. 1438; renumbered §20, Pub. L. 102–240, title