

THE U.S. AUTOMOBILE INDUSTRY: MONTHLY REPORT ON SELECTED ECONOMIC INDICATORS

**Report to the Subcommittee on Trade,
Committee on Ways and Means,
on Investigation No. 332-207
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The first part of the report is a general statement of the purpose of the study. It is to determine the effect of the new teaching method on the students' learning.

The second part of the report is a description of the method used. It is a quasi-experimental design. The students were divided into two groups. One group was taught by the new method and the other group was taught by the old method.

The third part of the report is a description of the results. The results show that the students who were taught by the new method performed better than the students who were taught by the old method.

The fourth part of the report is a discussion of the results. It is concluded that the new teaching method is more effective than the old teaching method. This conclusion is based on the results of the study.

The fifth part of the report is a conclusion. It is concluded that the new teaching method is more effective than the old teaching method. This conclusion is based on the results of the study.

The sixth part of the report is a list of references. It includes the following references: (1) Smith, J. (1998). The effect of the new teaching method on the students' learning. (2) Jones, K. (2000). The effect of the new teaching method on the students' learning.

Table 1.—New passenger automobiles: U.S. retail sales of domestic production, production, inventory, days' supply, and employment, by specified periods, December 1984–November 1986

(In thousands of units; thousands of employees)					
Item	1985–86			1984–85	
	Oct. 1985	Nov. 1985	Dec. 1985–Nov. 1986	Nov. 1985	Dec. 1984–Nov. 1985
Retail sales of domestic production:					
Subcompact.....	105	90	1,792	147	2,222
Compact.....	141	121	1,680	95	1,517
Intermediate.....	228	173	2,760	161	2,602
Standard.....	93	81	1,058	51	952
Luxury.....	65	54	755	66	1,008
Total.....	633	519	8,045	521	8,302
Production:					
Subcompact.....	166	137	1,589	136	1,538
Compact.....	168	144	1,982	171	1,996
Intermediate.....	222	197	2,658	222	3,086
Standard.....	102	56	664	45	756
Luxury.....	75	55	740	67	878
Total.....	733	589	7,633	642	8,254
Inventory:					
Subcompact.....	221	269	1/	245	1/
Compact.....	264	313	1/	309	1/
Intermediate.....	401	477	1/	543	1/
Standard.....	186	189	1/	163	1/
Luxury.....	147	164	1/	173	1/
Total.....	1,219	1,413	1/	1,434	1/
Days' supply: 2/					
Subcompact.....	29	55	1/	56	1/
Compact.....	39	74	1/	65	1/
Intermediate.....	32	55	1/	67	1/
Standard.....	42	68	1/	77	1/
Luxury.....	39	59	1/	60	1/
Average.....	35	60	1/	65	1/
Employment: 3/					
Total employees.....	4/ 842	5/ 835	1/	6/ 874	1/
Production workers....	4/ 644	5/ 639	1/	6/ 680	1/

1/ Not applicable.

2/ Days' supply is an average for each class size which is determined by the previous month's retail sales.

3/ Employment data are for SIC 371 (motor vehicles and motor vehicle equipment).

4/ Data are for September 1986, revised.

5/ Data are for October 1986.

6/ Data are for October 1985.

Source: Retail sales and production, Data Resources, Inc. Auto Information Bank; days' supply and inventory, Automotive News; and employment, U.S. Department of Labor.

Note.—Because of rounding, figures may not add to the totals shown.

Table 2.—New passenger automobiles: U.S. imports for consumption, by principal sources and by specified periods, November 1984–October 1986 ^{1/}

Source	1985–86			1984–85	
	Sept. 1986	Oct. 1986	Nov. 1985– Oct. 1986	Oct. 1985	Nov. 1984– Oct. 1985
Quantity (units)					
Japan.....	166,242	211,405	2,672,697	178,900	2,320,878
Canada.....	97,547	104,403	1,152,385	108,978	1,115,365
West Germany.....	27,408	33,969	454,460	26,731	449,229
Sweden.....	6,674	11,511	151,159	9,017	128,413
Italy.....	391	1,234	12,153	466	7,914
United Kingdom...	1,888	2,247	27,972	1,976	23,666
France.....	1,101	548	13,210	616	44,756
Mexico.....	1,739	4,332	34,606	459	12,417
Yugoslavia.....	3,653	3,324	34,417	1,064	1,576
Korea.....	15,142	18,922	133,813	0	0
All other.....	728	1,216	12,937	526	10,579
Total.....	322,513	393,111	4,699,809	328,733	4,114,793
Value (1,000 dollars)					
Japan.....	1,410,776	1,813,328	20,482,018	1,176,598	14,768,838
Canada.....	1,015,211	1,125,262	11,583,920	1,092,906	10,753,606
West Germany.....	503,778	647,711	7,778,228	344,003	5,736,136
Sweden.....	87,142	149,305	1,827,137	102,519	1,470,544
Italy.....	5,962	15,668	170,539	7,597	116,465
United Kingdom...	51,556	61,315	720,157	49,816	573,706
France.....	13,235	6,383	146,352	6,628	247,064
Mexico.....	21,235	43,337	341,901	3,211	80,387
Yugoslavia.....	9,202	8,442	85,614	2,660	3,940
Korea.....	69,616	92,402	612,209	—	—
All other.....	9,608	16,550	171,033	6,712	108,777
Total.....	3,197,321	3,979,703	43,918,108	2,792,650	33,859,463

^{1/} Data include imports into Puerto Rico and TSUSA item 692.1005; data do not include automobiles assembled in U.S. foreign trade zones.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Note.—Because of rounding, figures may not add to the totals shown.

Table 3.—Lightweight automobile trucks ^{1/} and bodies and cab/chassis for lightweight automobile trucks: U.S. imports for consumption, by principal sources and by specified periods, November 1984–October 1986 ^{2/}

Source	1985–86			1984–85	
	Sept. 1986	Oct. 1986	Nov. 1985– Oct. 1986	Oct. 1985	Nov. 1984– Oct. 1985
Quantity (units) ^{3/}					
Japan.....	53,143	67,920	970,491	51,393	754,986
Canada.....	18,431	15,695	305,453	28,631	321,292
Mexico.....	1,050	1,680	20,593	2,715	25,495
All other.....	3	6	1,209	16	2,822
Total.....	72,627	85,301	1,297,746	82,755	1,104,595
Value (1,000 dollars)					
Japan.....	277,048	364,076	4,728,342	225,543	3,210,491
Canada.....	166,248	138,318	2,700,571	43,671	2,687,967
Mexico.....	7,836	12,727	150,994	18,069	184,932
All other.....	6,329	4,612	80,356	3,180	27,023
Total.....	457,461	519,733	7,660,263	290,463	6,110,413

^{1/} Defined as not over 10,000 pounds gvwt.

^{2/} Partially estimated, all data include imports into Puerto Rico.

^{3/} Quantity data include complete trucks and cab/chassis, but exclude bodies.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

Note.—Because of rounding, figures may not add to the totals shown.

Table 4.—New passenger automobiles: U.S. exports of domestic merchandise, by principal markets and by specified periods, November 1984–October 1986

Market	1985-86			1984-85	
	Sept. 1986	Oct. 1986	Nov. 1985- Oct. 1986	Oct. 1985	Nov. 1984- Oct. 1985
	Quantity (units)				
Canada.....	58,871	45,834	644,791	60,305	672,213
Japan.....	45	281	2,275	104	1,378
All other.....	790	4,469	28,625	981	23,287
Total.....	59,706	50,584	675,691	61,390	696,878
Value (1,000 dollars)					
Canada.....	556,199	431,330	5,846,753	526,853	5,675,316
Japan.....	666	4,136	36,059	1,726	17,933
All other.....	9,472	61,639	384,207	11,980	274,002
Total.....	566,337	497,105	6,267,019	540,559	5,967,251

Source: Compiled from official statistics of the U.S. Department of Commerce.

Note.—Because of rounding, figures may not add to the totals shown.

Table 5.—Lightweight automobile trucks ^{1/} and bodies and cab/chassis for lightweight automobile trucks: U.S. exports of domestic merchandise, by principal markets and by specified periods, November 1984–October 1986 ^{2/}

Market	1985-86		Nov. 1985- Oct. 1986	1984-85	
	Sept. 1986	Oct. 1986		Oct. 1985	Nov. 1984- Oct. 1985
Quantity (units) 3/					
Canada.....	19,994	13,384	171,873	9,619	141,956
All other.....	409	2,065	9,752	355	12,655
Total.....	20,403	15,449	181,625	9,974	154,611
Value (1,000 dollars)					
Canada.....	187,300	126,329	1,536,975	85,134	1,061,541
All other.....	3,294	31,257	109,003	3,682	145,684
Total.....	190,594	157,586	1,645,978	88,816	1,207,225

^{1/} Defined as not over 10,000 pounds gvw.

^{2/} Partially estimated.

^{3/} Quantity data include complete trucks and cab/chassis, but exclude bodies.

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted.

Note.—Because of rounding, figures may not add to the totals shown.

Table 6.—New passenger automobiles: Sales of domestic and imported passenger automobiles and sales of imported passenger automobiles as a percent of total U.S. sales, by specified periods, 1985 and 1986

Period	Sales of— Domestic automobiles 1/		Imported automobiles 2/		Total U.S. sales		Ratio of im- port sales to total sales	
	1986	1985	1986	1985	1986	1985	1986	1985
	—Percent—							
January....	635,904	628,037	237,281	208,184	873,185	836,221	27.2	24.9
February...	613,371	645,317	219,096	193,290	832,467	838,607	26.3	23.0
Jan-Feb....	1,249,275	1,273,354	456,377	401,474	1,705,652	1,674,828	26.8	24.0
March.....	649,351	768,927	247,487	201,341	896,838	970,268	27.6	20.8
Jan-Mar....	1,898,626	2,042,281	703,864	602,815	2,602,490	2,645,096	27.0	22.8
April.....	719,563	788,282	252,609	198,241	972,172	986,523	26.0	20.1
Jan-Apr....	2,618,189	2,830,563	956,473	801,056	3,574,662	3,631,619	26.8	22.1
May.....	786,268	807,590	286,194	262,344	1,072,462	1,069,934	26.7	24.5
Jan-May....	3,404,457	3,638,153	1,242,667	1,063,400	4,647,124	4,701,553	26.7	22.6
June.....	736,261	676,675	264,954	248,659	1,001,215	925,334	26.5	26.9
Jan-June...	4,140,718	4,314,828	1,507,621	1,312,059	5,648,339	5,623,887	26.7	23.3
July.....	648,667	633,527	305,188	266,803	953,855	900,330	32.0	29.6
Jan-July...	4,789,385	4,948,355	1,812,809	1,578,862	6,602,194	6,524,217	27.5	24.2
August.....	673,311	1,000,695	278,951	255,931	952,262	1,256,626	29.3	20.4
Jan-Aug....	5,462,696	5,949,050	2,091,760	1,834,793	7,554,456	7,780,843	27.7	23.6
September..	924,829	839,382	291,952	236,669	1,216,781	1,076,051	24.0	22.0
Jan-Sept...	6,387,525	6,788,432	2,383,712	2,071,462	8,771,237	8,856,894	27.2	23.4
October....	632,546	598,399	272,552	266,278	905,098	864,677	30.1	30.8
Jan-Oct....	7,020,071	7,386,831	2,656,264	2,377,740	9,676,335	9,724,571	27.4	24.0
November...	518,799	515,802	263,822	247,580	782,621	763,382	33.7	32.4
Jan-Nov....	7,538,870	7,902,633	2,920,086	2,585,320	10,458,956	10,484,953	27.9	24.7

1/ Domestic automobile sales include U.S. and Canadian-built automobiles sold in the United States.

2/ Does not include automobiles imported from Canada.

Source: Automotive News.

Table 7.—New passenger automobiles: Price indexes, by specified periods, 1985 and 1986

Item	(1967 = 100)					
	1986			1985 and 1986		
	Sept. 1986	Oct. 1986	Percent change	Oct. 1985	Oct. 1986	Percent change
Consumer Price Index:						
Unadjusted....	224.5	227.1	+1.2	216.2	227.1	+5.0
Seasonally adjusted....	226.3	228.0	+0.8	217.5	228.0	+4.8
Producer Price Index:						
Unadjusted....	223.1	249.8	+12.0	234.8	249.8	+6.4
Seasonally adjusted....	235.1	246.1	+4.7	231.1	246.1	+6.5

Source: U.S. Department of Labor.

Table 8.—New passenger automobiles: Retail price changes in the U.S. market during November 1986 ^{1/}

Source and size of category	Retail price changes in dollars, November 1986 (+ or -)
U.S. producers:	
General Motors.....	No change.
Ford.....	No change.
Chrysler.....	No change.
European Community producers:	
Subcompact.....	No change.
Compact.....	No change.
Luxury.....	+1,095 to 2,945
Japanese producers:	
Subcompact.....	No change.
Compact.....	+411 to 581
Luxury.....	+400 to 820
Korean producers:	
Subcompact.....	No change.

Source: Automotive News, November 1986.

Table 9.—Sales and profits (loss) on major U.S. automobile manufacturers' operations, by specified periods, 1985 and 1986 ^{1/}

Item and firm	(In millions of dollars)			
	1986		1985	
	April-June	July-September	April-June	July-September
Sales:				
General Motors.....	27,600	22,841	24,789	22,492
Ford.....	17,300	14,366	13,802	11,630
Chrysler.....	5,700	5,169	5,980	4,485
American Motors.....	800	805	961	1,032
Total.....	51,400	43,181	45,531	39,638
Profits:				
General Motors.....	978	264	1,159	517
Ford.....	1,078	693	699	313
Chrysler.....	488	235	596	316
American Motors.....	(44)	(40)	(70)	(19)
Total.....	2,500	1,152	2,384	1,127

^{1/} Data are for world operations.

Source: Automotive News, Wall Street Journal and Wards's Automotive Reports.

Table 10.—Manufacturers' suggested retail prices of selected U.S. and Japanese automobiles, April 1981–December 1986 1/

Company, model, and options 2/	April 1, 1981		December 1, 1986		Percent change in optionally equipped model	
	Base model 3/	Optionally equipped model 3/	Base model 3/	Optionally equipped model 3/	Nov. 1986–Dec. 1986	April 1981–Dec. 1986
General Motors:						
Chevette CS, 2 door HB (PB, RWD, TG).....	\$5,155	\$5,405	\$4,995	\$5,350	0.0	-1.0
Cimarron, 4 door (AT)..... 4/	12,131	12,501	15,032	15,447	0.0	+23.6
Ford:						
Escort GL 2 door HB (PB, RWD, TG).....	5,556	5,857	6,949	7,199	0.0	+22.9
Tempo GL 4 door (RWD, AT, TG) 5/.....	6,421	6,953	8,310	9,057	0.0	+30.3
LTD Crown Victoria, 4 door (RWD, TG, ILG, AC).....	8,519	10,102	15,410	15,555	0.0	+54.0
Chrysler:						
Plymouth Turismo, 2 door HB (RWD).....	5,938	6,188	7,199	7,199	0.0	+16.3
Reliant, 4 door (RWD, TG, R, AT).....	5,980	6,680	8,364	9,161	0.0	+37.1
Dodge 600, 4 door (RWD, AC) 6/.....	6,672	7,502	10,672	11,646	0.0	+55.2
Toyota:						
Corolla, Deluxe, 4 door (R).....	5,688	5,793	8,178	8,454	0.0	+45.9
Cressida, 4 door.....	11,599	11,599	19,350	19,350	0.0	+66.8
Nissan (Datsun):						
Sentra E, 2 door 7/.....	5,369	5,369	7,499	7,499	0.0	+39.7
Stanza GXE, 4 door (AT) 7/.....	6,839	7,749	11,849	12,549	0.0	+61.9
Maxima GXE, 4 door.....	10,379	10,379	16,099	16,099	0.0	+55.1
Honda:						
Civic 1300, 2 door HB (R).....	4,599	4,694	5,799	5,966	0.0	+27.1
Accord DX, 4 door (R, AT).....	7,645	7,950	10,625	11,283	0.0	+41.9
Mazda:						
323 Deluxe, 2 door HB (R) 8/.....	5,495	5,650	7,649	8,029	0.0	+42.1

1/ Suggested retail prices do not include any dealer incentives, below-market financing or rebates offered by manufacturers or importers.

2/ The following codes apply: PB = power brakes; RWD = rear window defroster; TG = tinted glass; HB = hatchback; AT = automatic transmission; AC = air conditioning; R = radio; ILG = interior luxury group.

3/ Base models are 2 door or 2 door hatchback and 4 door or 4 door hatchback models. Optionally equipped models are base models which have been equipped with the options listed in parenthesis.

4/ Cimarron not sold until May 21, 1981.

5/ Tempo replaced the Fairmont Futura.

6/ Dodge 600 replaced the Diplomat.

7/ Sentra replaced the 210; Stanza replaced the 510. (Both are 1987 models.)

8/ 323 replaced the GLC.

Source: Compiled from data supplied by U.S. manufacturers, Japanese importers, and Automotive News.

Note: Some 1981–86 models have been discontinued; these models have been replaced by comparable models where possible. In addition, some equipment that was optional on prior models is now included in the base price or equipment that was standard has been deleted, making price comparisons of prior-year models difficult.

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