THE SUNDAY BEE: OMAHA, FEBRUARY 15, 1925.



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Number of buses used by street railways Number of railroads using motor vehicles on short lines.... Number of railroads using motor trucks as part of shipping service ..... ...... EXPORTS 80.00 00.05.

	Number of motor vehicles exported
ne	Value of motor vehicles and parts exported
11	(Including engines and tires.)
de	Per cent increase in motor vehicles exports over 1923
	Per cent of motor vehicles exported
	Number of motor vehicles imported
1	MOTOR VEHICLE RETAIL BUSINESS IN UNITED STATES
or	Tatal and and touch dealans
y	Public garages
10	Service stations and renair shops

**Chevrolet Exhibits Coupe** 

Told by Statistics for 1924

3.650.00

3,280,000

870.00

1,300,000

\$1.926

3,165,000

15,200,000

1.800.000

19.500.00

4,175.000

425,00

455.000

2,941,294

726,00

70%

53%

10%

65%

13,037

168

2,500

174

83

15%

10%

50,512

59,989

64,233

745

87%

..... \$144,000,000

\$1,994,540,000 284.556.00

\$2,279,096,00

"Facts and Figures of the Automobile Industry for 1924," presented b

PRODUCTION.

Motor vehicles registered in U. S. (approximately) .....

Motor cars ......

AUTOMOBILE'S RELATION TO OTHER BUSINESS.

 Aluminum, per cent of, used by automobile industry
 65%

 Iron and steel, per cent of, used by automobile industry
 10%

 Upholstery leather, per cent of, used by automobile industry
 65%

 Gasoline consumed by motor vehicles, 1924 (gallons)
 6,029,000,000

 Crude rubber used in manufacturing tires (pounds)
 605,000,000

 Cotton fabric used in manufacturing tires (pounds)
 191,000,000

MOTOR BUS AND MOTOR TRUCK.

ber of carloads of automobiles and parts shipped over

railroads Rubber, per cent of, used by automobile industry Plate glass, per cent of, used by automobile industry Copper, per cent of, used by automobile industry Aluminum, per cent of, used by automobile industry

Number of street railways using motor buses .....

............ .....

Trucks .....

Production of closed cars.....

Percentage decrease from 1923.

Motor trucks .....

Motor cars

Motor trucks

World registration of motor vehicles.

Motor vehicle registration on farms......

Miles of improved highway Total miles of highways in United States

Per cent of world registration owned by U. S. A.

.... .......

how that in 1913 there were register Nebraska approximately 25, 617 automobiles and trucks. In 1924, **Prosperity of Motor Trade** there were registered 312,324. The increase from year to year is shown as follows: low, were compiled by Alfred Reeves, general manager of the National Au-tomobile Chamber of Commerce.

**Big Gain in Autos** 

**Owned** in State

25,617 Cars in Nebraska in 1913 Compared to 312,324 **Registered Here in** 1924. By ROY M. COCHRAN, Secretary, Department of Public Works. The automobile registration records

in 12-Year Period

It seems to the writer that a study of this table alone should convince anybody of the necessity for road Percentage increase over 1922..... construction and at a greater rate of progress than has been made finan-cially possible during the last few Total wholesale value of cars..... The above table shows that the year 1919, the number of Total wholesale value of cars and trucks since the year 1919, the number of most doubled, while on the other hand, the state appropriation for con-Total wholesale value of parts and accessories, exclusive of tires \$622,633,000 1024 struction during the blennium of 1923-1924 was only one-half as great as was the the appropriation for con-struction during the blennium 1919-1920. In other words, as the traffic has increased, the funds made available for construction have been decreased, and in large percentages.

This situation has been relieved somewhat by an increase in automo bile registration funds which funds are used for maintenance. The facts are, however, that Nebraska's conruction program has not kept pace with the traffic increase, Traffic census taken at the same stations during the same month in 1922 and again in 1924, show an increase of traffic varying from 12 per cent to 16 per cent, or an average increase in two years of 47 per cent. This same nsus taken in August, 1924, showed that an average of all traffic taken at 35 stations in Nebraska was 16 per cent interstate, or cars from states other than Nebraska, 31 per cent intercounty or cars from counties of Nebraska other than the county in which the census was taken, leaving slightly over half of 53 per cent, as strictly local traffic. This latter gives ood idea of the general use of the state highway system as a whole by the people of the whole state and of other states. With traffic amounting to from 300 to 3,000 vehicles per day on the state highway system, it becomes quite apparent that there is real economic necessity for puttin this highway system into such cond tion that 365 days use can be ma of same

## Necessity for Surfacing.

This brings up the necessity he surfacing of the state highwa system so that passenger cars a

7-E

rucks can make use of the highways during the whole year. Except in the icinity of population centers, where hard surfaced pavement is necessary. Dealers Visit highway properly constructed and properly maintained is adequate for he usual traffic needs and is financially possible without the voting of bonds or even a direct levy.

w available for Nebraska and adding \$1,500,000 federal aid made available to Nebraska as soon as the re cently passed appropriation made by congress has been signed by president, will make a total of \$4,-0.000 immediately available for construction as soon as met by a like mount of state funds.

All of the revenue from a 2-cent tax on gasoline would meet this \$4,-509,000, and while an additional \$1,-.00.000 will become available to Ne- production of Hudson and Essex autobraska next year under the terms of the bill just passed by congress, it is thought that the legislature will not reason meet this until the next meeting of the legislature.

the legislature. With this legislature meeting this \$4,500,000, it will make possible the graveling of over 1,000 miles of high-way in addition to the grading of several hundred miles and the con-struction of adequate bridges, and but this is the story the Hudson Mostruction of adequate bridges and ticularly in the high-priced car class, but this is the story the Hudson Mo-but this is the story the Hudson Mo-ards of measurements against which precision tools could be checked. Light Nebraska boys. highway purposes.

In addition to the construction pro-gram in keeping with traffic inintensive and continued maintenance must be had, failure to provide such maintenance, not only ausing the loss of the original con-

trol has become an important problem. The elimination of steep grades, sharp turns and particularly of railroad grade crossings and the installa-

for universal adoption by all states by the American Association of State Highway Officials so that within a few years there should be a uniform marking system the country over. telp.

Easy Routes for Motorists.

Improved highways make every part of Pennsylvania easily accessible. Modern thoroughfares connect the centers of production with the centers centers of production with the centers equalize the pressure all around the By making a pair of rockers, the of consumption. It is possible to drums, by an occasional cleaning of weight of the can is supported or frive 2,000 miles in a straightaway the surfaces of the lining and by the floor while the oil is being poured without once leaving improved road.

Supply stores Fineness in **Hudson Plant Gauging Cars** Taking the \$3,000,000 federal aid Nebraskans Make Tour of Big Packard Company Adopts Automobile Factory in Measuring by Light Waves Detroit.

## an Innovation.

R. H. Davisson, manager of the Measuring by light waves, the last word known to science in precisio Omaha Hudson-Essex company, re of measurement, now is being don turned this in the every day work of building 10 dealers from the Hudson Motor automobiles. The system has been Car company factory in Detroit. He adopted by the Packard Motor Can company, the first automobile com and these dealers who witnessed the pany to use it.

Actual measurements as fine a mobiles realized for the first time the one-millionth of an inch are made such good automobiles could easily with the light wave equipment in daily use at the Packard factory be built at such low prices.

Such fineness in gauging is believed ing each unit, in fact each piece of to mark a still further step in ad-In going through the plant and see

Nebraska boys. The speed with which a car can be produced and still have every known precaution test for exactness that is given in this plant makes it possible to produce the highest class of work-manship and material to turn out a Wave measuring is a further sale-guard of quality in manufacture. Measuring with light waves is done by counting delicate waves of light or shadows under highly polished glass discs when violet rays are projected through the discs of to the place to be checked. The system is that used the improvement by the traveling nublic.

the improvement by the travenue is equally if not more essential after a road has been more essential after a road has been mutaced with gravel. To this end, a material prospecting crew properly this heavy vork, even to the wheels, as there is an electric crane to do all this heavy work, even to the wheels. This maximum use can be made of local gravel deposits for construction to avoid freight costs, but also that a supply of maintenene gravel will be available for furture use. As a result of the increased use As a result as a result of the increased use As a result of the increased use crated and shipped does not seem pos-made of our highways, traffic con-sible until one has actually seen it of the Packard bureau of standards and sible until one has actually seen it of the Packard laboratory resulted in

its adoption The Nebraska boys visited several It was only a few years ago that other motor car plants while in De- the "try and fit" method of manufac tion of a standard uniform system of troit and found that the efficient Hud- turing, now used in Burope, was em tion of a standard uniform system of warning signs has become very es-sential. Such a system is to be adopted by Nebraska so that the same types and shape of warning signs will be used in all parts of the state. This standard which is patterned closely after that of Minnesota has been recommended for universal adoption by all states

The car owner who purchases h oil by the large can or drum finds if

Avoid Brake Squeaks. Squeaking brakes are an offense

done.

filling the smaller one which he carto the public ear and can be pre-vented by band adjustments that will weather, when the oil flows slowly.

tiresome to hold the large can while

Opening Display

The new Chevrolet closed models are truly beautiful cars. New Fisher Bodies of handsome design, finished in richly harmonious colors of Duco-built on the new Chevrolet chassis with the new, improved dry-plate disc clutch, semi-elliptic springs and extra strong rear axle with banjo-type pressed-steel housing construction such as you would expect to find only on high priced cars.

They have the new non-rusting airplane metal radiator, cowl lights and VV type, one-piece windshield with automatic windshield cleaner.

> is finished with lower panels and hood in sage The Coupe green Duco, upper panels and fenders in black. It has balloon tires and disc wheels. Price \$715 f. o. b. Flint, Michigan. The Coach

has extra wide doors and windows. It is finished in a handsome shade of rich dark blue Duco. It has, as standard equipment, special artillery wheels and balloon tires. Price \$735 f. o. b. Flint, Michigan.

has a beautiful aqua-marine blue finish on the lower panels and hood and a deep black on the fenders and upper panels. It is equipped with balloon tires and disc wheels. Price \$825 f.o.b. Flint, Michigan.

these beautiful new cars at your nearest Chevrolet dealer's

Quality at Low Cost

The Sedan