

# Automobiles and Good Roads

Oregon Automobile Registrations Show Prosperous Conditions in State—Over \$1,250,000 Invested in 1914 Cars.

**N**EARLY every make of automobile and commercial car is now recorded by the Secretary of the State of Oregon in the automobile ownership list, which range in numbers from 3,688 Fords to one Napier. On June 30th the total registration reached 14,629, as compared with 13,954 for 1913 and 10,165 for 1912, each for the full year. A low estimate for 1914 is 17,500. This means that the automobile assessment rolls of the state will aggregate \$6,125,000 on March 1st, 1915, allowing the average assessment of \$350 for each car; while based upon the low average purchase price of \$700, we get the enormous figure of \$12,500,000.

We need only examine the 1914 business for an indication of prosperity. Approximately 1,800 1914 models have been registered, and at the manufacturers' listed prices aggregate about \$1,250,000.

### Every County Represented.

Every county in the state has liberal representation, from nine in Curry to 5,895 in Multnomah. The following is a complete county classification, taken from the Automobile Record. This statement includes transfers from one owner to another and of licenses from car to car, and is therefore slightly in excess of the actual number, but this is equally distributed. On the other hand, there are a large number of cars throughout the state carrying no license.

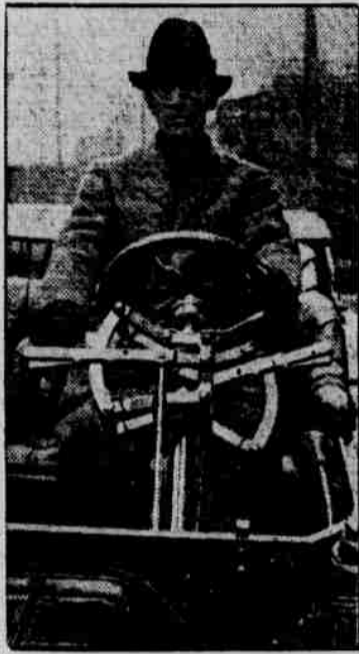
Baker .....	177	Lane .....	652
Benton .....	257	Linn .....	452
Clatsop .....	219	Lincoln .....	15
Clackamas .....	408	Marion .....	1,107
Columbia .....	70	Malheur .....	102
Coos .....	326	Morrow .....	90
Crook .....	267	Multnomah .....	5,895
Curry .....	9	Polk .....	368
Douglas .....	310	Sherman .....	154
Gilliam .....	68	Tillamook .....	136
Grant .....	53	Umatilla .....	574
Harney .....	57	Union .....	287
Hood River .....	177	Wallowa .....	109
Jackson .....	787	Wasco .....	259
Josephine .....	212	Washington .....	357
Klamath .....	268	Wheeler .....	16
Lake .....	119	Yamhill .....	478

Omitting from this classification Multnomah county, with 5,895 and Marion county, with its 1,107, we have 8,603 cars in the farming and stock raising belts of Oregon, and probably 2,000 cars owned by suburbanites in these two counties. By actual count of several hundred of the May and June registrations, 60 per cent of addresses fall outside of Marion and Multnomah counties, thus indicating that it is the farmer of Oregon who is now riding in his automobile.

We are indebted to Mr. M. O. Wilkins for the figures which are the basis of this article. He publishes the Automobile Record, which is issued monthly, and makes a complete automobile owners' directory. This directory contains a numerical index enabling you to locate any owner from the license number, indicates new cars, gives each county separately and alphabetically and much other valuable data for the automobile owner and tradesman.

### HAND-CONTROLLED DRIVE FOR AUTOMOBILES.

**T**O MAKE it possible for persons who have lost their legs or whose lower limbs are disabled through accident or disease, to operate an automobile properly, a hand-controlled drive has been designed whereby the usual operations of transmission, clutch and reverse may be accomplished by the hands instead of by the foot levers provided on most cars. The device is constructed of aluminum, and consists of three levers and a frame attached to the steering column. From these levers three steel rods pass through



the dash to bell cranks under the hood. The movements of the latter are communicated beneath the floor to the transmission case. The levers are self-locking in any position, and return to normal when released by a slight pressure of the fingers. But little effort is required to move them, and one hand is always free for the steering wheel. The new device does not interfere with the pedal action, and a car so equipped may be driven by another person in the ordinary manner without touching the hand control. The device may be attached to any car.—Popular Mechanics.

### SUGAR CANES PROHIBITED.

The importation from foreign countries, Hawaii and Porto Rico of living sugar canes, cuttings or parts of the cane has been prohibited by the U. S. Department of Agriculture under authority given it by the Plant Quarantine Act. This action has been made necessary by the discovery that these canes are likely to be infected with insect pests and fungus diseases from which the United States is fortunately free.



When the residents of St. Louis have unexpected guests and look hopefully in the family ice box to find it empty, they do not rush down to the corner delicatessen store for ham and cheese and potato salad and dill pickles. They return to the parlor and calmly wait until the delicatessen store comes to them. For St. Louis has a traveling delicatessen store. It is a 7,000-pound truck equipped with a rather unusual body. The proprietor of this first-aid-to-the-perplexed-house vehicle says as money maker it has a staple corner site beat several city blocks.

### SACKS! SACKS!

All Kinds of Second Hand Sacks We Give You Better Sacks for Less Money. GIVE US A TRIAL.

**PORTLAND BAG COMPANY**  
313-315 Front St., Portland, Oregon.  
Phones: Main 4184, A-4184

### TYPEWRITERS

RENT a Typewriter from the manufacturers, \$5 for three months; Remington No. 5 or No. 7; Smith Premier, No. 2 or No. 4; visible Remington, Monarch, Smith Premier, \$3 per month delivered anywhere. Rebuilt machines sold on easy payments.

**REMINGTON TYPEWRITER COMPANY.**  
86 Broadway, Portland, Ore.

### PREMIER "Non-Puncture" Auto Tires

Guaranteed 7,500 Miles Service

These tires bear the greatest known mileage guarantee, yet are sold at a price even less than tires of ordinary guarantee. This guarantee covers punctures, blow-outs and general wear. Guarantee covers 7,500 miles' service against everything except abuse. These tires are intended to most severe service.

Orders have been received for these tires for use in United States Government Service.

As a SPECIAL INTRODUCTORY offer, we will allow the following prices for the next ten days.

#### TIRES—TUBES

	Tire	Tube
28x3	\$ 9.20	\$2.00
30x3	10.25	2.30
30x3½	13.50	2.80
32x3½	14.05	3.00
34x3½	15.25	3.20
31x4	17.00	3.25
32x4	18.00	3.30
33x4	19.50	3.40
34x4	20.40	3.60
35x4	21.00	3.80
36x4	22.00	3.90
35x4½	26.00	5.00
36x4½	27.00	5.10
37x4½	27.50	5.15
37x5	32.60	5.40

All other sizes. Non-Skids 20 per cent extra. 5 per cent discount if payment in full accompanies order and if two are so ordered, shipping charges will be paid by us. C. O. D. on 15 per cent of amount of order. Our output is limited, so we suggest early ordering. We sell direct only, giving purchaser the advantage of all middlemen's profits.

#### NON-PUNCTURE RELINERS

Use our famous reliners, they eliminate blow outs and 90 per cent of punctures besides giving many thousand more miles' service to each tire. When in your tires you ride without worry or tire troubles.

For all 3 inch tires .....	\$1.95
For all 3½ inch tires .....	\$2.20
For all 4 inch tires .....	\$2.60
For all 4½ inch tires .....	\$2.75
For all 5 inch tires .....	\$2.90
For all 5½ inch tires .....	\$3.00

#### NON-PUNCTURE TIRE FACTORY Dayton, Ohio.

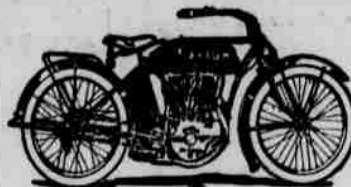
### Automobile Tires AT FACTORY PRICES

SAVE FROM 30 to 60 PER CENT

	Tire	Tube
28x3	\$ 7.20	\$1.65
30x3	7.80	1.95
30x3½	10.80	2.80
32x3½	11.90	2.95
34x3½	12.40	3.00
32x4	13.70	3.35
33x4	14.80	3.50
34x4	16.80	3.60
36x4	17.85	3.90
35x4½	19.75	4.85
36x4½	19.85	4.90
37x4½	21.50	5.10
37x5	24.90	5.90

All other sizes in stock. Non-Skid tires 15 per cent additional, red tubes ten per cent above gray. All new, clean, fresh, guaranteed tires. Best standard and independent makes. Buy direct from us and save money. 5 per cent discount if payment in full accompanies each order. C. O. D. on 10 per cent deposit. Allowing examination.

**TIRE FACTORIES SALES CO.,**  
Dept. A Dayton, Ohio.



Before You Buy Investigate

### DAYTON MOTORCYCLES

Single and Two Speed Models, With Many Exclusive Features. Write for Catalogue and Details. Bargains in Used Machines. **DAYTON CYCLE CO.** Oregon Distributors. 210 Broadway, Portland, Oregon.

### Free London "Tango" Necklace "Evelyn Thaw" Bracelet

These two beautiful pieces of popular jewelry are the craze among society women in New York and the largest cities. They are neat and elegant gold finished articles that will gladden the heart of every girl or woman, no matter how young or old. Very stylish and attractive.

**Our Free Offer.** We are advertising Spearmint Chewing Gum and desire to place a big box of this fine, healthful gum into every home. It sweetens the breath—whitens the teeth and aids digestion. It is refreshing and pleasing to all. To every one sending us but 50c and 10 cents to cover shipping costs we will ship a big box of 20 regular 5c packages of the Spearmint Gum and include the elegant,

"Tango" Necklace and "Evelyn Thaw" Bracelet absolutely free.

This offer is for a short time only. Not more than 2 orders to one party. Dealers not allowed to accept this.

**UNITED SALES COMPANY**  
Dayton, Ohio. P. O. Box 101.

### 100

### BEAUTIFUL AND COLORED POST CARDS

Many Are Rich, Rare Pictures of Beautiful Models and Actresses Also a Self-Filling

### FOUNTAIN PEN

All for only 50 cents

The greatest bargain in beautiful cards and rare art pictures ever offered. Many are hard to obtain and have sold singly for the price we ask for all. These will go quickly to all lovers of the beautiful in nature who appreciate rare art pictures of well developed models.

A reliable self-filling fountain pen free with each order. These alone have sold for one dollar in stores.

The 100 beautiful cards and pen all for but 50c and 10c in stamps for postage.

**ART PORTRAYAL CO.**  
DAYTON, OHIO.

### Steel tapes repaired



One break, 50c postpaid. New Rings, Drums, Screws.

**The Barthold-Barg Co., Inc.**  
280 Stark St. Portland, Ore.

### Pacific Tent & Awning Co.

Manufacturers of Tents, Awnings, Poulins, Wagon Covers, Canvas Hammocks, Waterbags, Packbags, Carpenter and Teamster Aprons, Aquapelle Waterproof Clothing, and everything made of cotton duck.

Our name on a tent, awning or cover has always stood for full weight canvas cut full size, and made in best of workmanship, and will continue the same. We have as regular customers the most particular tent buyers, who count on quality and good workmanship. There is no order too small, or too large to receive our careful attention, and we are ready to quote price on anything in our line.

Address: **PACIFIC TENT & AWNING CO.**  
1-3 N. 1st St., Portland, Oregon.

### University of Oregon

Thirty-Ninth Year New Building—New Equipment Additions to Faculty Liberal Arts Journalism and Sciences Law Commerce Architecture and Finance Teaching Medicine Graduate School For Catalogue and Literature Send Postcard to Registrar, Eugene, Oregon.