



Y SERVICECLUB OF BENDIGO SOUTH. INC. 2019 – 2020

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“To acknowledge the duty that accompanies every right.”

“SOUTH SCUTTLEBUTT”

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Interesting Figures.

The Ford Motor Company was organised **June 16, 1903.**

The history of the greatest Automobile production is given below., recording one of the most phenomenal industrial developments in the world's history.

In 1903	4 to September 30, there were made and sold	1708	Ford cars
1905	the Company built and sold	1695	Ford cars
1906	there were made and sold a total of	1590	Ford cars
1907	the total of cars made and sold was	8423	Ford cars
1908	the production and sales reached	6398	Ford cars
1909	the phenomenal growth began with	10607	Ford cars
1910	the production jumped to a total of	18664	Ford cars
1911	there were made and sold a total of	34528	Ford cars
1912	production more than doubled with	78440	Ford cars
1913	a new high-water mark was reached with	168220	Ford cars
1914	saw an even greater triumph, achieved by	248307	Ford cars
1915	crowned all efforts with a total of	308213	Ford cars
1916	ran the figures up to	533921	Ford cars
The minimum production planned for this year, 1917 is		700,000	Ford cars

There are now over **2,000,000** Ford cars in Service.

Following are the approximate amounts of various materials entering into the manufacture of **700,000** Ford cars, based on the figures for previous years.

Four carloads of spark plugs each month. (I think this refers to rail cars)

310,464 tons of steel. **80,811,500** square feet of rubber cloth material in the tops.

2,800,000 each of wheels and tyres. **3,500,000** lamps.

6,209,280 feet of Vanadium steel shafting and gear axles

2,950,000 feet of exhaust pipe.

3,450,000 square feet of glass in Ford windshields.

9,800,000 pounds of steel in Ford magnetos. **24,791** miles of wiring used in magnetos

3,041,825 pounds of solder. **6,158,000 sq. ft.** galvanised metal in gasoline tanks.

45,000 horsepower developed in Ford powerhouse.

22 tons of coal per hour, used for power. **2,512,000** cubic feet of gas required each day.

1 ½ miles of conveyor tracks. **312 ½ gallons** of lubricating oil used every hour.

35.000 gallons of fuel oil used daily in heat-treating steel.

100,000 people are engaged in making and selling Ford cars in all parts of the world.

Pocket Positives

Never bend your head, always hold it high,
Look the world in the face

Helen Keller 1880 – 1968. American writer and Lecturer.

You only have power over people if
you don't take everything away from them.
But when you've robbed a man of everything
he's no longer in your power – he's free again.

Alexander Solzhenitsyn. B 1918. Russian writer.

The Power of H.

The current RACV Royal Auto magazine has an interesting article on HYDROGE powered motor vehicles. Just as we are getting used to electric cars, this new technology is being trialled. Instead of plugging into a wall socket to charge a battery, the car converts compressed hydrogen to electricity on a device called a fuel cell. The only emissions are water and clean air.

Unlike battery powered cars, hydrogen vehicles can be refuelled about as quickly as a petrol car and have a similar range.

Two manufacturers have this type of vehicle and the ACT government has ordered 20 as part of its zero emissions policy.

As electric cars take off, battery plug-ins will likely be the first choices for the average motorist.

They are cheaper, widely available and can be charged anywhere there's a power point.

There are currently only two hydrogen refuelling stations in Australia.

Hydrogen power makes it suitable for heavy transport where payload is important. An electric bus can require up to five tonnes of batteries, reducing the number of passengers, it could take. Hydrogen power is suited to long haul trucking and beyond that ships and even aircraft.

Globally there are signs of uptake of hydrogen power, with forward orders being lodged with manufacturers Nikola and Hyundai looking to sell into Switzerland.

South Korea is looking to having 1000 hydrogen buses on the road by 2023.

Hydrogen trucks could also solve many of the health and noise problems associated with diesel.

Japan is working towards 800,000 cars on the road by 2030, and to import hundreds of thousands of tonnes for power and heating.

However, making hydrogen is energy and emissions intensive, so the challenge is producing it at scale from green power – something that Australia with its abundant land, sun and wind, could be well placed to do.

Government Relations Head, of Hyundai Australia, believes a transport revolution is coming.

“Everything that's petrol today will be battery in future, everything that's diesel will be fuel cell” he says.” We've got a long way before we transition, but cars of the future won't have internal combustion engines. Global emissions regulations will determine that and it's just a matter of Australia having the infrastructure ready when that day arrives”

Battery Power. Vehicle powered by a rechargeable battery that drives an electric motor. Slower to recharge but can be plugged in to any existing power point.

Shorter range than hydrogen vehicles requires heavy battery packs, making it less suitable for large vehicles. More efficient

Fuel Cell Power. Hydrogen undergoes a chemical reaction in a device called a fuel cell, producing electricity, water and heat.

Quick to fill but requires specialised refuelling facilities that are still very rare. (Only two in Australia.).

Longer range than battery powered cars.

Very light fuel – one kilogram of hydrogen provides enough energy to drive 100 kilometres.

Less efficient, as electricity is first used to generate the hydrogen, which then needs to be compressed and stored before it is turned back into electricity in the car.

Extract of an article in Oct – Nov. 2019,
RACV – Royal Auto, magazine

Another Pocket Positive

A person should hear a little music,
read a little poetry and see a fine
picture every day of their life, in order
that worldly cares may not obliterate
the sense of the beautiful which God
has implanted in the human soul.

Johann Wolfgang Von Goethe

Charitable Gifts.

Shirley and I have a list of charities and organisations we support financially, and this is reviewed around Christmas time each year. Today we received an envelope of material from one of these organisations, one of many we receive from them each year.

It prompted a discussion as to "How much of each dollar contributed goes to support the large number of mail-outs from this particular research organisation.

As chance would have it, I received a phone call; from the organisation in question.

I asked the question but did not receive a direct answer. However, I voiced my concerns and the caller said that she would change their system so that we received their newsletter at appropriate times and not the in between solicitations.

I assured the caller that our support will continue as their work was of special interest to us, as it has been over many years.

Her phone call saved me writing a letter!

A Snapshot of Regional Australia,

From the Future Focus magazine, Ed 2, ACM Australian Community Media.

Autonomous Vehicles.

KPMG's 2019 Autonomous Vehicles Readiness Index rates Australia at No.15 out of 25 countries.

Last year we were ranked No. 14.

In the subcategories, Australia was in the top five for Regulations supportive of AV use (tied 1st with Finland, Singapore and The Netherlands) and Availability of high - performance mobile internet.

(3rd behind Singapore and Norway)

Small Business.

Of the 2,065,523 small businesses in Australia employing fewer than 19 people, 46% are in Regional Australia.

(Small Business Counts Report 2016)

Distance Creates Health Challenges, Australian Institute of Health and Welfare.

Survey of Health Care selected findings for rural and remote Australians, April 2018.

Among Australians 45 and over who visited a GP in the past year, those living in rural and remote areas were less likely than others to have a usual GP or place of care.

Three in five people in Remote / Very remote areas said not having a specialist nearby stopped them from seeing one (58% compared to 6% in major cities)

People reported decreasing information sharing between health providers as remoteness increased.

Regional Contribution to GDP.

Information from "Economic Performance of Australian Cities and Regions 2017 – 2018. December 2018. SGS Economics and Planning. Gross Domestic Product – Volume Measure 2017 – 2018.

Expressed in \$ Millions, the total Australian GDP was \$1,814,533, of which regional areas contributed 34%. (\$616,949 millions)

How people get to work in regional areas, compared to the national average.

Data from the 2016 census.

The National Average was 8.14% of people used public transport, and 66.12 % travelled by car, either as driver or passenger.

Victoria had 1.42% of workers using public transport, and 71.94% travelling by car.

*Interesting Figures?"

The Future.

50% of jobs will be disrupted by 2030.

Is your career safe from disruption? In under a minute the University of New England has an on-line Future of Work Predictor which tells you

How your job will change overall

How your job tasks will change

How your qualifications compare and

How wages and employment in your job will change.

See your future at [une.edu.au / predictor](http://une.edu.au/predictor).
(From an advert of UNE)

Market Sale.

The last Market Sale of the Kangaroo Flat Uniting Church was held on Saturday, November 30. The previous Sale had been washed out with rain, so we were hoping for a dry day, even though the forecast was for showers through- out the day. Thankfully the showers did not eventuate until the next day.

Our stall was set up ready for customers by the 8.00 am starting time.

In my opinion there were less customers, no doubt due to the inclement weather forecast. Our takings reflected this, or the possibility people were looking and not spending. However, we did manage to increase our bank balance by \$200+.

The next Sale is Feb.29th, 2020 – a leap year sale.

Follow the Instructions to The Letter!!

From an English Hospital comes this tale.
During a patient's two week follow up
appointment, the
patient told that he was having trouble
with one of his medications

"Which one?" the doctor asked.

"The patch" he replied "The nurse told me to put
on a new one every six hours and now I'm
running out of places to put it"

The doctor had the patient quickly undress and
discovered what he hoped not to see.

Yes. The man had over fifty patches on his body!
Now the instructions include removal of the old
patch before applying a new one.

A hospital story from the UK as printed in the
UCAF Magazine of November 2019.

After Greta,

During September 2-19, Greta Thurnberg,
a 16-year-old climate change activist,
passionately addressed the United Nations
Climate Summit.

With great courage the teenager called world
leaders and the public to account with the words

"How Dare You!"

While her critics included President Donald
Trump, others came to her defence.

Australian poet, Nathan Curnow -
like St. Francis, the prophet of old - made the
following response in support of Thurnberg and
our threatened natural species.

If the powerful will bully a sixteen-year-old kid

What will they do to the voiceless -
the fox that scales the dry-stone wall
the lone raptor riding the updraft
the frog with no reason to leave the gully
the possum coming down for the apple
the octopus cycling the ocean floor
the tarantula crunching the beetle
the kangaroo ghosting the yard at dawn
the lizard with its chin to the sun
the ape inspecting the back of its wrist
the bumblebee tickling the bloom
the sharp toothed beaver felling the tree
the jellyfish nursed by the current
the bison grazing in deep snow
the dingo stretching out in the desert
the otter, the penguin, the pangolin
the moorhen on the palm of the lake
the vulture, the bilby, the se hare
the mongoose circling the snake
the whale, the wolf
the orangutan, the hyena in the chuckling pack

because the world is losing every day
the coast coloured case of the crab.

From UCAF Network Magazine November 2019

Season's Greetings.

**President, Peg Kearin extends best wishes to all
our readers for the coming Festive Season as
we relive the mystery and story of Christmas**

**May you all be blessed with a holy, happy and
safe festive season.**

**May 2020 be a safe time and that you
can continue to enjoy yourselves, with
family and your friends.**

**Our thoughts are with Les, Rod and Marie who
we have missed at our meetings.**

*We are almost finished with
2019*

*And the festive season and New Year
Are fast approaching.*

*I hope that the year past has
been kind to you and your
family.*

*Shirley ad I would like to take this
opportunity to wish each and
every one a blessed and holy*

CHRISTMAS

*And a safe entry into 2020
And that all your hopes and desires
come to fruition.*

HAPPY 2020