

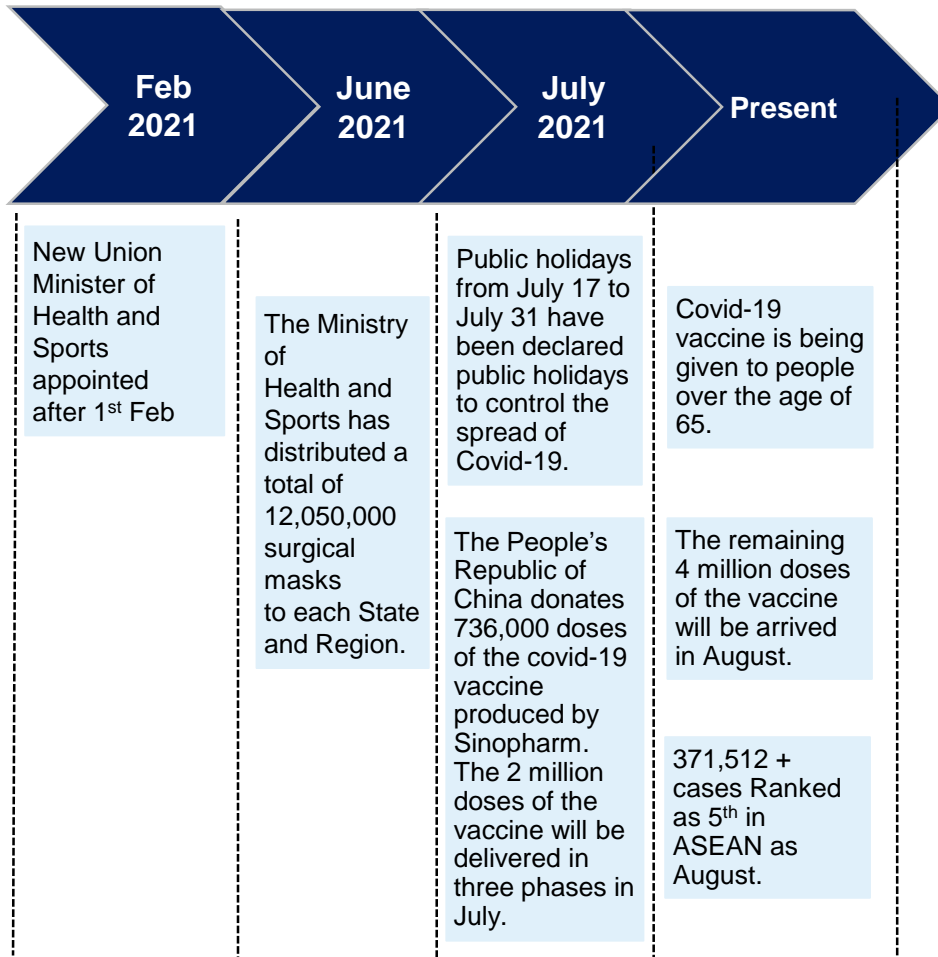


Myanmar Construction Overview Report

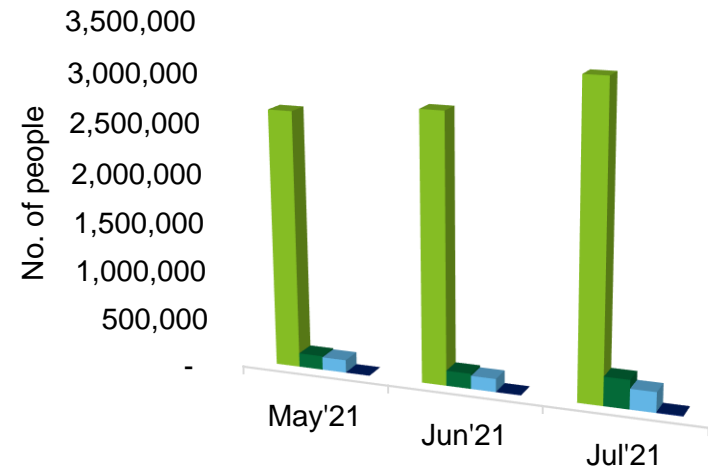
Industrial Research and Business Consulting
2021 August
Myanmar Survey Research Co Ltd.

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Covid-19 Status



- In August, imports of medicine and related treatment accessories (oxygen bowser, oxygen cylinder (liquid & gas), oxygen concentrator, test kit, masks, oxygen plant and oxygen generator, etc.) for covid-19 are allowed by sea and across the border.
- The original tax for imports of medicines and medical supplies oxygen-related products have been reduced to 1.5%.

Covid-19 Treatment Centers

■ Covid-19 Treatment Centers in Yangon, Mandalay & Naypyitaw

Name	Type	# of beds	City
Phaung Gyi Covid-19 Medical Center	Public	1,220	Ygn
Aung Myint Mo Covid-19 Treatment Center	Public	NA	Ygn
Yoma Yeikthar Covid-19 Treatment Center	Public	>600	Ygn
Myanmar Convention Centre Treatment Center	Public	250	Ygn
Yangon General Hospital	Public	NA	Ygn
Yangon New General Hospital	Public	NA	Ygn
Inya Covid Center (YCC)	Private	500	Ygn
Thuwunna Covid-19 Treatment Center	Public	NA	Ygn
South Okkalapa Hospital	Public	60	Ygn
Hlaing Covid-19 Treatment Center	Public	NA	Ygn
Yankin Education College	Public	NA	Ygn
Insein Min Dhamma Thiri Maga Tharthana Baikman	Public	150	Ygn
Kabba Aye Sanga Hospitals	Public	150	Ygn
Mandalay Traditional Medicine Hospital Covid-19 Treatment Center	Public	100	Mdy
Kandaw Nadi Hospital	Public	NA	Mdy
300-bed Teaching Hospital	Public	300	Mdy
Mandalay's Jivita Darna Sanga Hospital	Public		Mdy
Mandalar Thiri Sports Stadium Covid Treatment Center	Public	200	Mdy
Ayeyarwady Covid-19 Treatment Center	Private	375	Mdy
Naypyidaw 1000 Bedded General Hospital	Public	10 K	NPT



Phaung Gyi COVID 19 Medical Center Yangon



Thuwunna COVID-19 Treatment Center Yangon

Activities from MCEF during the covid period

- Myanmar Construction Entrepreneurs Federation (MCEF) donates covid-19 treatment buildings, medicines and vaccines.

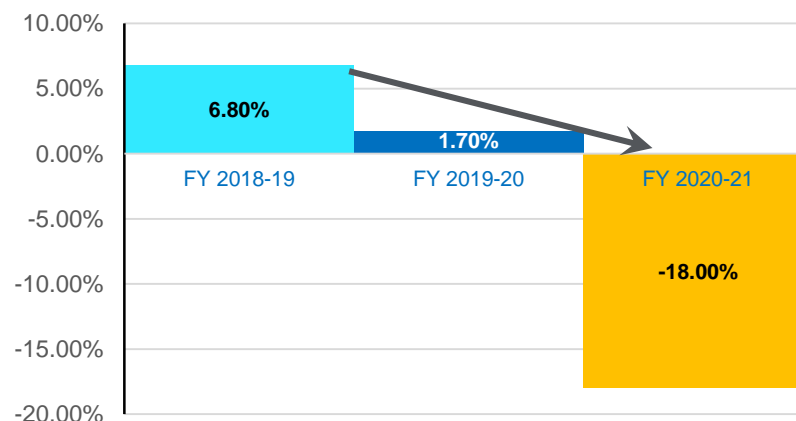
Period	Topics	Detail
2020	Building donation	<ul style="list-style-type: none"> • MCEF donated MMK 1,000 million worth to build for Phaung Gyi Covid Treatment Center in Covid first wave.
	300-bed donation	<ul style="list-style-type: none"> • MCEF donated to build 300-bed monastic hospital for monks to receive medical treatment in Covid second wave.
2021	Vitamin D3 donation	<ul style="list-style-type: none"> • MCEF is donating vitamin D3 through construction teams across the country in Covid third wave.
	Covid-19 vaccine donation	<ul style="list-style-type: none"> • MCEF is planning to provided covid-19 vaccination in September.
	Covid-19 vaccine	<ul style="list-style-type: none"> • Thirty millions of Area Zeneca (COVID Shield) were agreed to be purchased in early 2021 agreement with India but only 3 millions were received so 1.5 millions were vaccinated and last month 2 millions each of SINOPRAM /SINOVAC were received and vaccinated. About 20,000 of Russian Sputnik & a few thousand of COVASIN Indi were received, too. <p>Myanmar Government plan to buy about 24 millions of COVID vaccine from China & Russia. If India provides 27 millions of COVID shield to our country as promised, More than 70% of the population who are older than 18 years can vaccinate.</p>

Impact of COVID 19 outbreak and the political changes on economic growth

- Myanmar economic growth declined due to the impact of Covid-19

Significant sectors in the country economy	Impact of COVID 19 on economic growth
Agricultural Sector	<ul style="list-style-type: none"> Increase rice and cooking oil prices but decline locally produced perishable items. Declines in farmgate prices for some crops Effect -10.5% in agriculture sector
Industrial Sector (manufacturing)	<ul style="list-style-type: none"> Job losses in manufacturing (which employs mainly women) and construction Effect -20.3% in industry sector
Service Sector (retail, hospitality & transport)	<ul style="list-style-type: none"> Retail, wholesale trade and transport have been hit by a combination of supply and demand side impacts from the dual shocks of covid-19 and coup. Effect -19.9% in services sector
<ul style="list-style-type: none"> MCEF is helping and donating for renovation of government building into COVID Centres in Yangon, Mandalay and in every region. 	

Comparison of economic growth

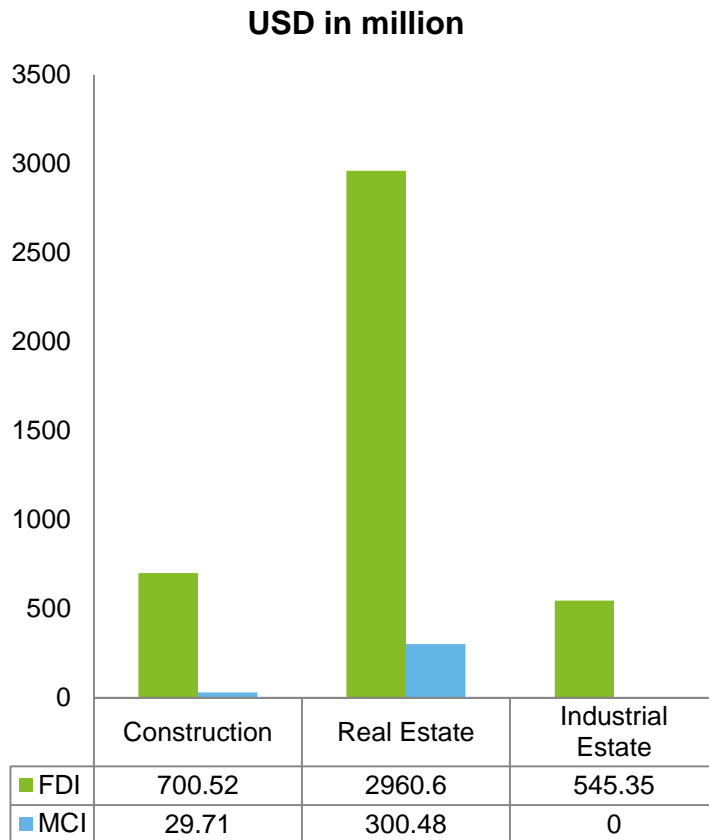


Individual	Impact of COVID 19 on economic growth
Restaurant/online food delivery	<ul style="list-style-type: none"> Only take-away is available Small online shops deliver foods to customers' homes.
Construction/factory worker	<ul style="list-style-type: none"> Construction sites/factories are closed down Career change to goods delivery and health care service. Declines in CMP goods
Transportation	<ul style="list-style-type: none"> Almost stopped (air lines, express, railway)
Education	<ul style="list-style-type: none"> Online teaching by zoom application in private schools
Public service	<ul style="list-style-type: none"> Bank services are not being operated properly Cash shortages Internet restrictions

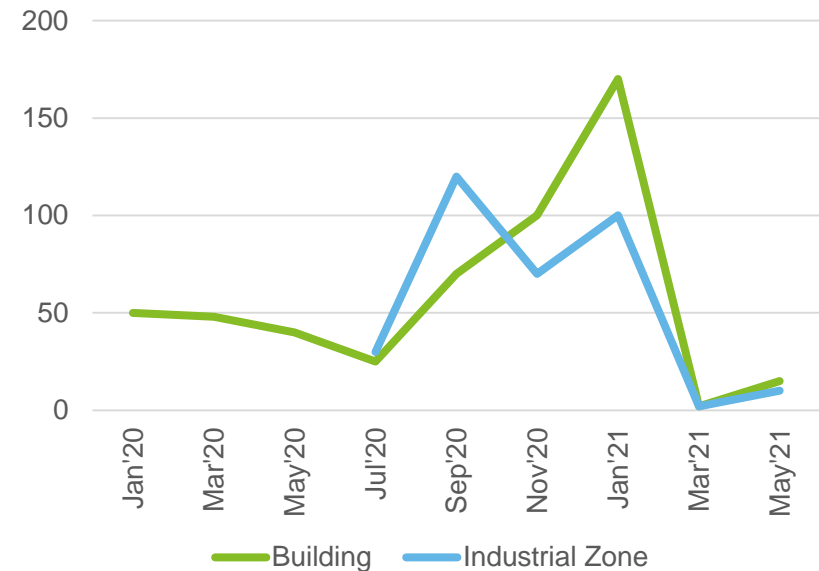
Impact of COVID 19 outbreak and the political changes on economic growth

- The construction sector has also been heavily affected by suspension of projects, increased operating risks, and cash shortages.

FDI and MCI in July 2021



Number of construction permits issued



Source: Yangon City Development Committee

Since January, the total number of construction permits in Yangon, which contributes just under half of total construction work across the country, has fallen substantially.

Labour wages for construction

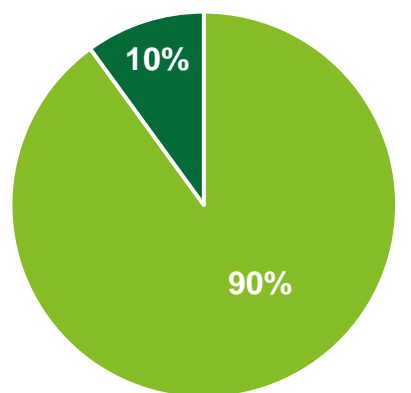
- Due to Covid-19 crisis in 2020-2021, most construction companies will face difficulties in purchasing building materials and paying of labor costs due to quotas issued by banks, most workers are unemployed and rising building material prices and some construction companies loaned from the bank have been forced to suspend construction sites and continue to pay interest rates, leading to a slowdown in construction.

Labour wages		
Type of labour	Wages in MMK	
General worker	9,000	per day
General worker	250,000	per month
General worker (Worked for many years)	400,000 – 500,000	per month
Medium level		
Worker	12,000	per day
Tiller		
Bricklayer		
Plaster		
Leader		
Skill worker	15,000	per day
Tiller		
Bricklayer		
Plaster		

Building Materials Price

Source of building materials	
1 Import from foreign countries	2 Local production
90% by sea and by border trade via China, Thailand & India border area	10% (especially cement production but logistics cost is very high & its price cannot compete with that of imported cement)

Source of building materials



■ Import ■ Local production

Building materials price			
Materials type	Unit	Measurement	Price (USD)
Brick	1 no		0.075
Sand	1 Sud	100 Cu. ft	12.50
Agg	1 Sud	100 Cu. Ft	50.00
Poland cement	1 bag	50 kg	3.50
Timber	1 ton		468.75
5ply	1 pcs	9mm thickness	10.00
HRB (500) MS	1 ton	20 mm	690.63
	1 ton	16 mm	737.5
	1 ton	12 mm	615.63
	1 ton	10 mm	662.5
	1 ton	8 mm	931.25
	1 ton	6.5 mm	896.88
Hollo pipe	1 pcs	(4"x2") 6 m long 1.2 mm thick	16.25
	1 pcs	(3"x1.5") 1.2 mm thick	10.84
	1 pcs	(2"x2") 1.2 mm thick	8.44
	1 pcs	(2"x1") 1.2 mm thick	7.60
Roofing sheet	1 no	1 r. ft, 0.36 thick (4 Amcam)	1.10

Achievement	Issues	Actions taken
Ministry of Construction stands as Administrator and Quality control for all kinds of projects and invite through Tender System for whoever win Tender freely allow to develop.	Due to stay at home order, government budget was closed at the end of September as ending Budget year. And drawdown system becomes big impact with difficulties.	Chairman & executive members of MCEF are trying to convince Union & Regional Government to postpone target date and return drawdown fund partially.
PAE price was also increased and Myanmar Building Standardization System was introduced.	Construction sites are closed & workers cannot go there.	Construction companies and contractors keep their workers and pay without work.
Myanmar National Building Code (MNBC) 2020 was enforced to use for all construction sites and projects in 1st Nov 2020.	30% decline in issuing construction permit in FY2019/20	Solve by digitizing online permit system.
International Labour Organization (ILO) also encouraged to apply OSH laws in all businesses and MCEF participated for that training.	High construction material prices	In May & July 2021, MCEF negotiated with vendors and bank owners at UMFCCL to stable the price after Feb 2020

Some courses and trainings provided by MCEF

Type of courses & trainings	Period
1. In-Company Training (Online Zoom Application) to solve the problem of shortage of skilled workers	13 Jan 2021
2. Revit Essentials Training Online Course (4 days per week, 2 hours per day, total 32 hours.)	1 Feb 2021
3. BIM Fundamentals Online Course (1-day course)	1 Feb 2021

ENROLL NOW !

*** Requirement ***

1. Name -
2. NRC -
3. Position -
4. Education -
5. Email Address -
6. Phone No -

TO INQUIRE

AYA Bank Account

Account Name - Myanmar Construction Entrepreneurs Association
Account No - 0045 2090 1234 5671

Head of office - 09- 895 217 108
U Aye Lin - Joint Secretary 09- 5104985
Shoon Lai - 09 422721757
Email - mcef1996@gmail.com

MCEF
MYANMAR CONSTRUCTION ENTREPRENEURS ASSOCIATION

UMFCCI - TVET Unit မှ တာဝန်ယူပိုင်ဆိုင်သည်

**ကျွမ်းကျင်လုပ်သားရှားပါးမှုပြဿနာဖြေရှင်းဖို့
လုပ်ငန်းခွင်နည်းပြသင်တန်းအကြောင်း
လေ့လာဖို့**

Speakers:

- (1) U Aung Kyi Soe
Central Executive Committee, UMFCCI
- (2) U Aye Lin
Joint Secretary, MCEF
- (3) U Aye Chan Ko Ko
Vice President, MPFA

In-Company Training အကြောင်း Online စကားပို့ခန်း

Date : 13 Jan 2021 Wed (တနင်္ဂနွေနေ့နံနက် ၉ နာရီစတင်)

Time : 3:00pm ~ 5:00pm

ZOOM Application မှ တဆင့်ဝင်ရောက်နိုင်ပါသည်။

Register NOW!

Housing project in Yangon, Mandalay and Naypyitaw

- Currently, ongoing government projects are mainly in Yangon, Mandalay and Naypyitaw.
 - 10,000 rooms project in Yangon for Rental Housing for staffs and low income people were share within Construction Industry members.
 - Affordable Housing scheme 2,000 rooms were just completed & being used as Quarantine Centre for COVID.
 - 3,000 rooms Rental Housing each in Naypyidaw & Mandalay.



**Rental housing,
Yangon**



**Thukha Tawwin Housing,
Naypyitaw**

Housing project in Myanmar

- Kyan Sit Min housing project in Hlaing Tharyar Township, Yangon and MyaNanda rental housing project in Dagon Seikkan Township, Yangon are being built by DaNaSanYar Construction Co Ltd.

MyaNanda Rental Housing Project
(5 floors with 4 rooms on each floor)



Kyit Sit Min Housing Project
(5 floors with 4 rooms on each floor)



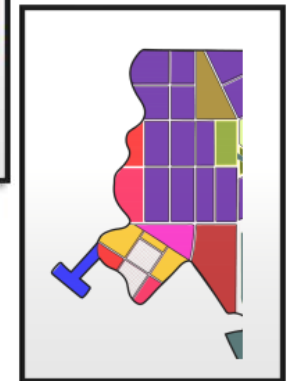
Shwe Thaung Yan New Modern Town & Industrial Park
MCEF/MCD development plan in Ayeyarwaddy Region in
near future



Phase I Industrial Zone
(2076.5 acres)



Phase II Residential Zone
(900 acres)



Phase III Jetty
(300 acres)

Signing an agreement with MCEF

- On January 9, 2021, a Memorandum of Understanding (MoU) was signed between the Myanmar Construction Entrepreneurs Association and the host companies for the Public Rental Housing Project (Yangon) at MCEF hall.



U Shein Win, Chairman of MCEF



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