

# Annexes

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Beneficial owners of extractive companies in the Philippines

## BENEFICIAL OWNERS OF EXTRACTIVE COMPANIES IN THE PHILIPPINES

Based on company declaration to the Securities and Exchange Commission (SEC) and/or PH-EITI<sup>1</sup> Based on company submissions to PH-EITI as of August 2, 2021<sup>2</sup>

#### **SUMMARY**

Participated	# of companies: 36	Did not participate	# of companies: 29	Partially participated	# of companies: 14
	# per sector:		# per sector:		# per sector:
	26 metallic, 9 non-		15 metallic, 10 non-		9 metallic, 5 non-
	metallic, 1 oil and gas		metallic, 3 oil and		metallic
			gas, 1 coal		

PARTICIPATED	DID NOT PARTICIPATE	PARTIALLY PARTICIPATED
AAM-PHIL Natural Resources	<ol> <li>Abra Mining &amp; Industrial Corp.</li> </ol>	Apex Mining Company Inc.
Exploration & Development Corp.	<ol><li>MACARTHUR IRON PROJECTS</li></ol>	Citinickel Mines & Development
2. Adnama Mining Resources Inc.	CORP.	Corp.
3. Agata Mining Ventures Inc., operator of	3. Carmen Copper Corp.	3. CTP Construction & Mining Corp.
Agata Processing, Inc.	4. Atro Mining-Vitali Inc.	4. Itogon Suyoc Resources, Inc.
4. BenguetCorp Nickel Mines Inc.	5. Benguet Corporation	5. LNL Archipelago Minerals
5. Berong Nickel Corp.	6. Eramen Minerals, Inc.	Inc./Filipinas Mining
6. Cagdianao Mining Corp.	7. Filminera Resources Corporation	6. Strong Built (Mining) Development
7. Century Peak Corp.	8. Greenstone Resources Corp.	Corporation
8. Techiron Resources, Inc.	9. Krominco, Inc.	7. Austral-Asia Link Mining

<sup>1</sup> Based on the copy of the Beneficial Ownership Declaration form accomplished/executed and submitted by the company to the SEC (by virtue of SEC Memorandum Circular No. 15, s. 2019) and/or to PH-EITI in response to the latter's official request in line with the sixth PH-EITI reporting cycle. The PEP (politically exposed person) column is based on the PEP Declaration form accomplished/executed and submitted by the company to PH-EITI upon request. The actual forms submitted are in the custody of the PH-EITI secretariat within the DOF system and protected by encryption.

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<sup>&</sup>lt;sup>2</sup> The beneficial owners disclosed herein are as of the period covered by the company declarations submitted to PH-EITI between September 2020 and August 2021, which should generally cover 2019/2020, the first year SEC Memorandum Circular No. 15 was implemented.

- 9. Carrascal Nickel Corporation
- 10. Dinapigue Mining Corp. (formerly Geogen Corporation)
- 11. FCF Minerals Corporation
- 12. Hinatuan Mining Corp.
- 13. Johson Gold Mining Corp.
- 14. Lepanto Consolidated Mining Company
- 15. Libjo Mining Corp.
- 16. OceanaGold Philippines, Inc.
- 17. Oriental Vision Mining Phils. Corp.
- 18. Pacific Nickel Philippines, Inc.
- 19. Philex Mining Corp.
- 20. Philsaga Mining Corporation
- 21. Platinum Group Metals Corp.
- 22. Shangfil Mining and Trading Corp.
- 23. Sinosteel Philippines H.Y. Mining Corp.
- 24. SR Metals, Inc.
- 25. Taganito Mining Corp.
- 26. Zambales Diversified Metals Corp
- 27. Dolomite Mining Corp.
- 28. Eagle Cement Corp.
- 29. Holcim Mining and Development Corporation
- 30. JLR Construction and Aggregates, Inc.
- 31. Northern Cement Corp.
- 32. Republic Cement Land & Resources
- 33. Republic Cement and Building Materials, Inc.
- 34. Republic Cement Mindanao, Inc.
- 35. Rio Tuba Nickel Mining Corp.
- 36. PNOC Exploration Corporation

- 10. Marcventures Mining & Development Corp.
- 11. Mil-Oro Mining Corp./Austral-Asia Link Mining
- 12. Mt. Sinai Mining Exploration and Development Corporation
- 13. Nicua Corporation/Vincent Tan Tiong
- 14. Oriental Synergy Mining Corp.
- 15. Tribal Mining Corporation
- 16. Asencio-Pinzon Aggregates Corp.
- 17. Pacific Concrete Products, Inc.
- 18. Big Rock Aggregates Corp.
- 19. Gozon Dev't Corp./BL Gozon & Co. Inc.
- 20. Hardrock Aggregates Inc.
- 21. San Rafael Dev't Corp. Operator: Majestic Earth Core Ventures, Inc
- 22. Solid North Mineral Corp.
- 23. Solid Earth Dev. Corp.
- 24. Heirs of Arturo Zayco
- 25. Maria Cristina Chemical Industries (MCCI) Corporation
- 26. China International Mining Petroleum Co. Ltd.
- 27. Galoc Production Company SPC (Formerly Galoc Production Company WLL)
- 28. The Philodrill corporation
- 29. Semirara Mining and Power Corp

- 8. Hallmark Mining Corporation
- 9. Wellex Mining Corp./Vista Buena Mining Corp.
- 10. Bohol Limestone Corp.
- 11. Concrete Aggregates Corp.
- 12. Island Quarry & Aggregates Corp./Solid Cement Corp.
- 13. Montalban Millex Aggregates Corporation
- 14. Rapid City Realty and Dev't Corp.

#### **A. METALLIC MINING**

Name	Nationality	Country of Residence	% of Ownership / % of Voting Rights	Category of Beneficial Owner <sup>3</sup>	PEP⁴ [Y/N]	
AAM-Phil Natural Resou	urces Exploration a	nd Development Corporation				
Kho, Kitson Soriano	Philippines	Philippines	94%	A	No	
Ngo, Francis Albert	Philippines	Philippines	1%	I - President	No	
Adnama Mining Resource	ces Inc.		·			
Borja, Fernando S.	Philippines	Philippines	40%	Α	No	
Borja, Beatriz Amanda L.	Philippines	Philippines	14%	В	No	
Borja, Carmen L.	Philippines	Philippines	6%	D	No	
Agata Mining Ventures, Inc.						

<sup>&</sup>lt;sup>3</sup> The following are the categories of beneficial owner as provided and defined in SEC Memorandum Circular No. 15, s. 2019:

- C. Natural person(s) having the ability to elect a majority of the board of directors/trustees, or any similar body, of the corporation.
- D. Natural person(s) having the ability to exert a dominant influence over the management or policies of the corporation.
- E. Natural person(s) whose directions, instructions, or wishes in conducting the affairs of the corporation are carried out by majority of the members of the board of directors of such corporation who are accustomed or under an obligation to act in accordance with such person's directions, instructions or wishes.
- F. Natural person(s) acting as stewards of the properties of corporations, where such properties are under the care or administration of said natural person(s).
- G. Natural person(s) who actually own or control the reporting corporation through nominee shareholders or nominee directors acting for or on behalf of such natural persons.
- H. Natural person(s) ultimately owning or controlling or exercising ultimate effective control over the corporation through other means not falling under any of the foregoing categories.
- I. Natural person(s) exercising control through positions held within a corporation (i.e., responsible for strategic decisions that fundamentally affect the business practices or general direction of the corporation such as the members of the board of directors or trustees or similar body within the corporation; or exercising executive control over the daily or regular affairs of the corporation through a senior management position). This category is only applicable in exceptional cases where no natural person is identifiable who ultimately owns or exerts control over the corporation, the reporting corporation having exhausted all reasonable means of identification and provided there are no grounds for suspicion.

A. Natural person(s) owning, directly or indirectly or through a chain of ownership, at least twenty-five percent (25%) of the voting rights, voting shares or capital of the reporting corporation.

B. Natural person(s) who exercise control over the reporting corporation, alone or together with others, through any contract, understanding, relationship, intermediary or tiered entity.

<sup>&</sup>lt;sup>4</sup> Politically exposed person (PEP), defined as holding or having held an elective or appointive position in government, either at the national or local level.

Villar, Manuel Paolo Aguilar	Philippines	Philippines	44.26%	A	No
Benguet Corp. Nickel M	ines Inc.				
Mendoza, Reynaldo Pacamarra	Philippines	Philippines	0.00%	D	No
Fernandez, Lina Galing	Philippines	Philippines	0.00%	D	No
<b>Berong Nickel Corporati</b>	on		<u>.</u>		
Consunji, Isidro Almeda	Philippines	Philippines	(unidentified)	1	No
Cagdianao Mining Corpo	oration	·	·		
Zamora, Martin Antonio, G	Philippines	Philippines	0	I	No
Brimo, Gerard, H.	Philippines	Philippines	0	1	No
Ang, Philip, T.	Philippines	Philippines	0	1	No
Higo, Toru	Philippines	Japan	0	1	No
Kamiya, Masahiro	Japan	Japan	0	1	No
Riingen, Maria Patricia, Z.	Philippines	Philippines	0		No
Virata, Luis, J.	Philippines	Philippines	0	I	No
Factoran, Fulgencio, S., Jr.	Philippines	Philippines	0	I	No
Dy, Frederick, Y	Philippines	Philippines	0	I	No
Zamora, Manuel, B., Jr.	Philippines	Philippines	0	Chairman Emeritus	No
<b>Century Peak Corporation</b>					
Century Peak Holdings Corp.	Philippines	Philippines	100.00%	A	No
<b>Carrascal Nickel Corpor</b>	ation				
Co, Antonio Lim	Philippines	Philippines	21.15%	1	No
<b>Dinapigue Mining Corpo</b>					
Zamora, Martin Antonio, G.	Philippines	Philippines	0	I – President of Nickel Asia Corporation (NAC)	No
Brimo, Gerard, H.	Philippines	Philippines	0	I – Chairman and CEO of NAC	No
Ang, Philip, T.	Philippines	Philippines	0	I – Vice Chairman of NAC	No

Higo, Toru	Japan	Philippines	0	I – Director of NAC	No
Kamiya, Masahiro	Japan	Japan	0	I - Director of NAC	No
Riingen, Maria Patricia, Z.	Philippines	Philippines	0	I – Director of NAC	No
Virata, Luis, J.	Philippines	Philippines	0	I – Director of NAC	No
Factoran, Fulgencio, S., Jr.	Philippines	Philippines	0	I – Independent Director of NAC	No
Dy, Frederick, Y.	Philippines	Philippines	0	I - Independent Director of NAC	No
Zamora, Manuel, B., Jr.	Philippines	Philippines	0	Chairman Emeritus	No
FCF Minerals Corporation	on				
Bowden, Darren Patrick	Australia	Philippines	88%	I – Chairman/President	No
Hinatuan Mining Corpora	ation				
Zamora, Martin Antonio, G	Philippines	Philippines	0	I – President of Nickel Asia Corporation (NAC)	No
Brimo, Gerard, H.	Philippines	Philippines	0	I - Chairman and CEO of NAC	No
Ang, Philip, T.	Philippines	Philippines	0	I – Vice Chairman of NAC	No
Higo, Toru	Japan	Philippines	0	I – Director of NAC	No
Kamiya, Masahiro	Japan	Japan	0	I – Director of NAC	No
Riingen, Maria Patricia, Z.	Philippines	Philippines	0	I – Director of NAC	No
Virata, Luis, J.	Philippines	Philippines	0	I - Director of NAC	No
Factoran, Fulgencio, S., Jr	Philippines	Philippines	0	I - Independent Director of NAC	No
Dy, Frederick, Y	Philippines	Philippines	0	I - Independent Director of NAC	No
Zamora, Manuel, B., Jr	Philippines	Philippines	0	Chairman Emeritus	No
<b>Johson Gold Mining Cor</b>	p.				
Bautista, Ma. Theresa Cadizon	Philippines	Philippines	92.5%	A, B, C	No
Marcelo, Jose Tagle Jr.	Philippines	Philippines	1%	F, G, H	No
Marcelo, Jason Mari	Philippines	Philippines	1%	I	No
Antonio		- ,			
Lepanto Consolidated M	lining Co.				
Felipe U. Yap	Philippines	Philippines	0.59%	С	No

Libjo Mining Corporation	า				
Salvador B. Zamora III	Philippines	Philippines	55%	A, C, D, G	No
Oceanagold (Philippines	s) Inc. <sup>5</sup>				
Michael Harvy Lou Holmes	Australia	Australia	0 (Nominee Share)	I – Director and Chairman	No
Joan D. Adaci-Cattiling	Philippines	Philippines	0 (Nominee Share)	I – Director and President	No
David James Way	New Zealand	New Zealand	0 (Nominee Share)	I – Director and General Manager	No
<b>Oriental Vision Mining P</b>	hilippines Corp.		·		
Borja, Fernando Selim	Philippines	Philippines	29%	A-I	No
Pacific Nickel Philippine	es, Inc.				
Ang, Ramon See	Philippines	Philippines	26.05%	A	No
Zobel, Iñigo Urquijo	Philippines	Philippines	59.96%	A	No
Philex Mining Corporation					
Manuel V. Pangilinan	Philippines	Philippines	0.09% direct ownership; 31.22% indirect ownership as Chairman of First Pacific Company Limited	D	No
Philsaga Mining Corpora		T =	1	1.	Τ
Villanueva, Raul Conde	Philippines	Philippines	0.00%	I	No
Platinum Group Metals		I DI III	10000	1.	1
Sy, Joseph C.	Philippines	Philippines	0.00%		No
Bravo, Dante R.	Philippines	Philippines	0.00%		No
Shangfil Mining and Tra	ding Corp.				

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<sup>&</sup>lt;sup>5</sup> OceanaGold Philippines Inc.'s parent company is OceanaGold Corporation; OGC is listed in Toronto and Australia stock exchanges

Lim, Nelson K.	Philippines	Philippines	25%	N/A	No		
Sinosteel Phils. H.Y. Mining Corporation							
Tang, Willie Lim	Philippines	Philippines	25%	A	No		
Wenliang, Pan	China	China	0%	I-Chairman	No		
SR Metals, Inc.			<u> </u>	·			
Gutierrez, Miguel	Philippines	Philippines	30%	A	No		
Alberto Vazquez							
<b>Taganito Mining Corpor</b>	ation						
Higo, Toru	Japan	Philippines		I – Director of NAC	No		
Kamiya, Masahiro	Japan	Japan		I – Director of NAC	No		
Riingen, Maria Patricia	Philippines	Philippines		I – Director of NAC	No		
Z.							
Virata, Luis J.	Philippines	Philippines		I – Director of NAC	No		
Factoran, Fulgencio S.,	Philippines	Philippines		I – Independent Director of NAC	No		
Jr.							
Dy, Frederick Y.	Philippines	Philippines		I – Independent Director of NAC	No		
Zamora, Manuel B., Jr.	Philippines	Philippines		Chairman Emeritus	No		
Aoyama, Masayuki	Japan	Japan		Director	No		
Ichiyanagi, Hiroaki	Japan	Japan		Director	No		
<b>Techiron Resources Inc</b>	•						
Malinovskiy, Pavel	Russia	UAE	38%	A	No		
Gil, Anthony James K.	Philippines	Philippines	2%	D, E	No		
Zambales Diversified M	etals Corporation						
Consunji, Isidro Almeda	Philippines	Philippines	0.00%	I - Chairman	No		

# **B. NON-METALLIC MINING**

Name	Nationality	Country of Residence	% of Ownership / % of Voting	Category of Beneficial Owner	PEP [Y/N]
			Rights		
Dolomite Mining Corpor	<del>,                                      </del>	I su ur	140.0500		
Tuazon, Victor Masaru A.	Philippines	Philippines	68.959%	A	No
<b>Eagle Cement Corporati</b>	on				
Ang, Ramon See	Philippines	Philippines	86.57%	A	No
Holcim Mining and Deve	elopment Corporation	n			
Renato A. Baja	Philippines	Philippines	<1.00%	I – President and General Manager	No
JLR Construction and A	ggregates Inc.			-	
Regner, Lizbeth V.	Philippines	Philippines	49.60%	A	No
Regner, Vergel Luis V.	Philippines	Philippines	25.00%	A	No
Neri, Candice Regner	Philippines	Philippines	25.00%	A	No
<b>Northern Cement Corpo</b>	ration				
Ang, Ramon See	Philippines	Philippines	32.92%	A	No
Zobel, Iñigo Urquijo	Philippines	Philippines	39.57%	Α	No
Republic Cement & Build	ding Materials Inc.				
Sunico, Renato C.	Not disclosed	Not disclosed	N/A	I - President	No
Republic Cement Land a	and Resources Inc.				
Bolinas, Andres David M.	Not disclosed	Not disclosed	N/A	I – President	No
Republic Cement Minda	nao Inc.				
LLOYD A. VICENTE	Not disclosed	Not disclosed	Not disclosed	I- Chairman and President	No
<b>Rio Tuba Nickel Mining</b>	Corporation				
Zamora, Martin	Philippines	Philippines	0	I – President and CEO of Nickel	No
Antonio, G.				Asia Corporation	
Brimo, Gerard, H.	Philippines	Philippines	0	I - Chairman of NAC	No
Ang, Philip, T.	Philippines	Philippines	0	I – Vice Chairman of NAC	No
Higo, Toru	Japan	Philippines	0	I – Director of NAC	No

Kamiya, Masahiro	Japan	Japan	0	I – Director of NAC	No
Riingen, Maria Patricia,	Philippines	Philippines	0	I – Director of NAC	No
Z.					
Virata, Luis, J.	Philippines	Philippines	0	I – Director of NAC	No
Factoran, Fulgencio, S.,	Philippines	Philippines	0	I – Independent Director of	No
Jr.				NAC	
Dy, Frederick, Y.	Philippines	Philippines	0	I – Independent Director of	No
				NAC	
Zamora, Manuel, B., Jr.	Philippines	Philippines	0	Chairman Emeritus	No
Aoyama, Masayuki	Japan	Japan	0	I – Director	No
Ichiyanagi, Hiroaki	Japan	Japan	0	I – Director	No
Okamura, Chitaru	Japan	Japan	0	I – Director	

# C. OIL AND GAS

Name	Nationality	Country of Residence	% of Ownership / % of Voting Rights	Category of Beneficial Owner	PEP [Y/N]
Philippine National Oil C	Company - Explora	tion Corporation			
Alfonso Gaba Cusi	Philippines	Philippines	N/A	1	Yes
Rozzano Dosado Briguez	Philippines	Philippines	1 Class B Share (0.00000004995%)	1	Yes
Carlo Magno Dureza Aldevara	Philippines	Philippines	1 Class B Share (0.0000004995%)	I	Yes
Farah Casin Cañezal	Philippines	Philippines	1 Class B Share (0.0000004995%)	I	Yes
Alejandro Albiso Cobol	Philippines	Philippines	1 Class B Share (0.0000004995%)	I	Yes
Oscar Hernandez Rabena	Philippines	Philippines	1 Class B Share (0.00000004995%)	1	Yes

Johnny Labayen	Philippines	Philippines	1 Class B Share	1	Yes
Tuason			(0.0000004995%)		
Karl Ignatius Patino	Philippines	Philippines	1 Class B Share	I	Yes
Young			(0.0000004995%)		
Avelino Mendoza	Philippines	Philippines	1 Class B Share		Yes
Tayag			(0.0000004995%)		
Benjamin Escandor	Philippines	Philippines	1 Class B Share		Yes
Palmero			(0.0000004995%)		
Candido Magsombol	Philippines	Philippines	N/A	1	No
Magsombol					
Lourdes Serafico	Philippines	Philippines	N/A	1	No
Gelacio					
Maria Luthgarda	Philippines	Philippines	N/A	1	No
Midoranda Lacaba					
Jaime Aquino Bacud	Philippines	Philippines	N/A	1	No
Cecilio G. Bautista	Philippines	Philippines	N/A	1	No
Maria Mercedes	Philippines	Philippines	N/A		Yes
Angeles Maglaya					
Czarina Keziah	Philippines	Philippines	N/A		No
Enriquez Suarez					
Rodrigo R. Duterte	Philippines	Philippines		С	Yes

# D. COAL

Name	Nationality	Country of Residence	Category of Beneficial Owner	PEP [Y/N]

# Chapter 2 Annexes

1. Reporting template for the metallic and non-metallic mining sector

# Reporting template and schedules --- Companies

#### General guidelines

Disclosures per reporting template should include all taxes attributed to **taxable year 2019** irrespective of whether these were settled or paid in 2018 (advance payments) or 2020 (post settlement). Essentially, **accrual basis will be adopted**; hence taxes disclosed should correspond to reported amounts per audited financial statements.

Reporting templates should present the total taxes/fees for the year with corresponding schedules disclosing the breakdown with the required level of detail (e.g. per frequency, receiving office) indicated in each.

Reporting templates should be completed and provided no later than <u>October 23, 2020</u>. Based on accomplished reporting templates, participating entities will be required to submit corresponding schedules for those taxes with noted differences, as well as supporting documents as needed by the reconciliation process.

FAILURE TO SUBMIT THE TEMPLATES BEFORE THE DEADLINE WOULD MEAN THAT YOUR COMPANY'S DATA WILL BE REPORTED AS UNEXPLAINED DISCREPANCIES IN THE EITH REPORT.

Please provide any relevant information for reconciliation process under remarks column. For example, participating entities may disclose if there were subsequent amendments made to initial filings and tax returns, or deficiency taxes (penalties, surcharges, interest) paid that may be included by government agencies in their respective reporting templates.

Reporting templates should be signed by an authorized representative of senior management such as President and Chief Finance Officer.

For queries and concerns, you may directly reach the PH-EITI Secretariat at (02) 8525 0497.

For companies with several projects, please accomplish one template per project.



# 1. Reporting templates

COMPANY INFORMATION

NAME OF COMPANY:

NAME OF PROJECT:

PERTINENT GOVERNMENT CONTRACT (e.g., MPSA, FTAA, etc.):

ACCOUNTING PERIOD (CALENDAR/FISCAL):

If Fiscal Year, please indicate fiscal year end (e.g. June 30, 2019):

LOCATION OF PROJECT (REGION, PROVINCE, MUNICIPALITY, BARANGAY, NEIGHBORING BARANGAY/S):

ADDRESS OF COMPANY'S PRINCIPAL OFFICE:

Board members including designation:

TIN:

### A. Bureau of Internal Revenue (BIR)

Type of tax	Period covered (Cut-off date)	Amount paid	Remarks
Excise tax on minerals			
Corporate income tax			please specify if Regular or Minimum Corporate Income Tax
Withholding tax - Final	•		
Foreign shareholder dividends		1	
Profit remittance to principal			
Royalties to claim owners			
Other final withholding tax			
Withholding tax - Expanded			
Withholding tax - Compensation			
Improperly accumulated retained earnings tax (IAET)			

# B. Bureau of Customs (BOC)

Type of tax	Period covered (Cut-off date)	Amount paid	Remarks
Customs duties			
VAT on imported materials and equipment			
Excise tax on imported goods (e.g. petroleum products)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

# C. Philippine Ports Authority (PPA)

Type of thy	Period covered (Cut-off date)	Amount paid	Remarks
Wharfage fees	*************************	*********************	

## D. Mines and Geosciences Bureau (MGB)

Type of payment	Period covered (Cut-off date)	Amount paid	Remarks	
Royalty in mineral reservation		1		
Others (e.g. penalties, fines, etc.)				

# E. Local government unit (LGUs)

# i. Main taxes/fees

Type of taxes	Period covered (Cut-off date)	Amount paid	Remarks
Local business tax			····•
Paid in Head Office	1	T	
Paid in Mine Site			
Real property tax		2707-1100-1100-1100-1100-1100-	
Basic (Paid in Head Office)			
Special Education Fund (SEF) (Paid in			
Head Office)			
Basic (Paid in Mine Site)			
Special Education Fund (SEF) (Paid in	NA CONTRACTOR DE		414
Mine Site)			
Occupation fees			34 T   2 S   2 4 C   2 C
Mayor's permit			
Community Tax		I	

# $ii.\ Payments\ based\ on\ specific\ LGU\ Codes/Ordinances\ and\ other\ regulations$

	Rate/Amount	Legal Basis	Responsible Office within LGU	Responsible Office within LGU
Payments Made to LGUs by Mining Companies	[Please Specify Rate or Amount]	[Please Specify Section/Article Number of Ordinance]	(Assessment)	(Collection)
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		<b>†</b>	***************************************	

#### F. Social funds (Mining)

#### t Environmental Program/Plan

PROGRAM	COMMITMENT 'hP')	No. of Years of Implementation		
Environmental Protection and Enhancement Program				
Final Mine Rehabilitation and/or Decommissioning Plan				

#### 2 Environmental Funds

Туре	Mandated Amount of Fund	Beginning Balance (Balance deposited in the bank as of the end of previous Year)	Withdrawn amount from the fund*	Ending Balance (Balance deposited in the bank as of the end of current year	Addition to the Fund	Period Covered	Audited by	Remarks
Mine Rehabilitation Fund								
a. Rehabilitation Cash Funds								
b. Monitoring Trust Fund2								
Final Mine Rehabilitation and/or Decommissioning Fund3								
Mine Waste and Tailings Reserve Fund4								
Environmental Trust Fund5								

Note: "Amount withdrawn is being used for the implementation of AEPEP.

Administrator - All funds, except for MWTF Reserve Fund are being administered by the Mine Rehabilitation Fund Committee (MRFC) concerned. MWT Reserve Fund is being administered by the CLRFSC.

#### Basis of Calculation

- 1. RCF The RCF shall be equivalent to 10% of the total amount needed to implement the EPEP or Five Million Pesos (PhP5,000,000.00), whichever is lower (Item b, Section 181, DENR Administrative Order 2010-21). It is being replenished annually.

  2. MTF – The MTF shall not be less than PhP150,000.00 (Item a, Section 181, DENR Administrative Order 2010-21). It is being replenished quarterly.

  3. FMRDF – The fund shall be based on the approved FMR/DP cost, which lodging is based on Table 1 (Section 187-B, DENR Administrative Order 2010-21).

- 4. MWT Reserve Fund PhPo.o5/MT of mine waste and/or PhPo.u/MT of mill tailings times the generated volume of mine waste/tailings, semi-annually. MWTRF is deposited in the Nationa Treasury.
- 5. ETF based on MOA between company and MRFC.

#### 3 Environmental Expenditures

PROGRAM/ACTIVITIY	Annual EPEP Cost (PhP)	Actual Expenditure of the ogram/Activity (PhP)	ince (PhP)	Period Covered	Remarks	
Annual EPEPs						
Annual Work and Financial Plan (WFP)2 for FMR/DP						
Compensation for claims for Damages from MWTF3						

#### 4. Social Development Management Program (SDMP)

Coverage Periodi	Coverage Periods Your		§ Year Commitments			Mandated Expenditures		W100 - 10	Actual Expendituress		Unspent Budgets		The property of	Banadad
Constraint State	DRING	HIC	DMTG	BHINC	HC	DMTG	DHPC	BEC	DATE	DHNC	IBC	DMTG	Remarked	
	::4:			100000	107,00010		2000000	771-74-	10000	12000000	110000	1000	200000	
	a a													
	. 5													
	4													
	TOTAL													
	2-Year SEMP													

i Racka qualifican (for year) for y Vissa (MMP medical) y Raceol on the apparent by Yine (MMP). I Mandrick I Apparent y Yine (MMP). I Mandrick I Apparellment form from a whistal a yill of Operating Fronts jiwa araginni assesser from yannana 400 000° y Johns E Apparellment. I Uniqued sear-net from the previous AMMEP.

a Ottor inglisse best derivation

NOMP Accomplishment covering the periods Y\_\_\_\_\_ to Y\_\_\_\_ (current a year NOMP)

Area	New-financial Metric used	Accomplishment to date	Cumufative costs to date	Beneficiaries
Social Development & Manage	ment (heet and neighborts	g communities)		
a. Human resource development and melitational habiting	Number of people testand per skill transes, program	tic coopeyle	Ex-Pape, acco	Subjects range of literary of the
b. Extreprise development and autorothing	Norther of employment generated per Trelifond program			
Assistance to infrastructure development and support services.	Number of kilometer of read constructed Number of kilometer of read pastetained Number of kommon energines			
d. Assess to education and obscubated support programs	Number of selected given scalarity Number of classrooms results of classrooms results of classrooms results of classrooms results and dispersions.			
e. Acrese to health services, health facilities and health professionals	Number of boupdate/bookh creates constructed Number of pathents gives todaside Number of bookh Number of bookh preferenced regaged by the redupant Number of houses provided with permise outer			
f. Protestion and respect of secto-cultural values:				-
g. Use of facilities/services within the relay carry or plant site	Number of studiests careful in respect operated achieved achieved partiette accordance of partiette accordance beautiful in responsibility further accordance accorda			
Mining Technology and Goussi				
n. Basic and applied research on relating terfendings, great-teriors.	Nature of mesonib progress			
and related subjects	Output of recent been sealertaken			
<li>Advanced studies, related to making which are conducted by spallfled smearther)</li>	Number of qualified researchers			
<ol> <li>Expenditation for refusions, follows and trainers, including grants</li> </ol>	Number of scholars			
Expositions on opagement and capital order in antidoxy for received and/or obsestional contrations				
Information, Education & Com-	modication (IEC)	(A)	NA .	Vi.

Establishment/enhancement/ maintenance of information and publicity centers			
	Number of pages of published newsletters and frequency of publication		
e. Expenditures for continuing public awareness and education campuigns	Nature of campaign		

#### Other information

- Entities are required to attach their 2015 Annual SDMP Report (as submitted to the MGB) as part of the completed reporting template. The said Report is expected to detail or enumerate expenditures or projects sourced from the SDMP.
- Who is the implementer/contractor?
- Who are the partner organizations?

#### 5. Safety and Health Programs

	Total actual exp	Total actual expenditures	
Туре	Actual expenditures	Period covered	
safety and Health Program		U.S. Harriston	0.5.2.00.555.005.519
TOTAL AMOUNT			

#### G. National Commission on Indigenous People (NCIP)

Туре	Carrier and Carrie	Basis of calculation	Name and Control of the State o	Actual	Remarks	
	Administrator	Reference	Amount	expenditures		
FPIC expenditure						
Field Based Investigation Fee			7/10/2007			

Туре	Recipient IP	Administrator	Basis of calculation	Actual	Remarks	
			Reference	Amount	expenditures	
Royalty for IPs			nontreative and the second			

#### H. Project registration

- Indicate existing registration (e.g. BOI, PEZA)
- Confirmation of fiscal incentives availed in 2015

Incentive	Yes	No	Amount
Income tax			
Duty free - importations			
Real property			
Any preferential tax rates applied			
Others (to enumerate)			

#### I. Additional information

# Company profile Information to be included in Chapter 1 of the 2th PH-EITT Report. Location of Company projects per LGU and Barangay: ( Indicate coordinates and provide copy of maps) Board wembers of listed entities Who are the listed owners of the Company?

2,	Em	ploy	ment	data
----	----	------	------	------

Local	Too on the Carlotte Commence of the commence o		-1×	ettemenest tije temeneste	00001110000000	0040000000	Foreign	lacasan (h.H.177	Declaration of Married	and the second second
Male			Female				Male		Female:	
Regular	Contractual		Regular		Contracto	ral	Regular	Consulta nt	Regular	Consulta nt
IP Non-IP	IP	Non-IP	IP	Non-IP	IP	Non-IP	100			**************************************

Language and the second	Total number of employees	Annual compensation
Company hired:		CTMC 12-CORNER DIO CO
a. Regular		
b. Contractual/seasonal		
Through contractors		

TOTAL	

### 3. Economic linkages\*

\*Information to be included in Chapter 1 of the 7th PH-EITI Report.

	Type of service provided	Total number of suppliers	Amount of purchases during the year
From Suppliers and contractors of goods and services a. Host and neighboring communities b. Province c. Outside of province			
As supplier of goods and services		name of company supplied with goods and services	Amount of sales during the year

Note: Include backward, forward, and horizontal linkages

# 4. Outside services (third party contractors) \*Information to be included in Chapter 1 of the 7th PH-EITI Report.

Name of contractor/supplier	Manpower (headcount) allocated to the Company
PPA Contractor	

5. Gross production in metric tons (M/T)

"Information to be included in Chapter 1 of the 7th PH-RTTI Report.

(Provide supporting documents for production volume and sales data)

	Pi	oduction		Salex								40	
Mineral Product	Local		Local			Export			Customer	Related to mining	Price	Fores	
							Value		Country of Destination	2011/12/20	company	(Average / Range)	100000
	Volume	Value		Volume	Value	Volume	In PHP	In USB			ALCOMOLINADA	0.50150000	
dd Dese (kga):	THE STATE OF THE S	W	10.00	The second secon		VO. 1			15 W W	200 200 111	100	0 1 20	11
mained gold (kgs)									1100	10000			
regined other													
nained gold (kgs) nained silver () per Concretrate (11)													
tained gold (kgs)													
tained offers													
) od Direct quing Ove (WMT) imito Ore/													
imite Ore/													
centrate (DMT)								100					
centrate (DMT) Consentrate T) One/													
On/			1										
contrate (DMT) en: (Specify)							-						-

"For noted 2000, kinetly specify type of ore-

6. Grants and donations outside of SDMP

\*Information to be included in Chapter 1 of the 2th PH-6TTI Report.

Recipient/s	Type of Donation (e.g. road, scholarship, etc.)	Amount (monetary equivalent)		
LGUs				
IPa				
Others				

7. Enumeration of existing MOAs with IPs Supersumen to be metaled in Chapter 1 of the 7th PH-ETTI Report.

B. Details of CSR projects undertaken
"Information to be included in Chapter 1 of the 7th PH-ETTI Report.

CSR Activities

Recipient/s	Autivity	Materials/Supplies Frocured	Amount in USD	Amount in PHP	Kemarks

Infratracture

Recipient/s	Type of Infrastructure	Unit of Measure (eg. EM, Linear Moter, 5QM)	Total Project cost in USD	Total Project Cost in PRP	Remarks
LGUs					
IPa	11.00				
Others	10 mm - 10 mm - 10 mm		1111000 00000 11111		

- List of activities undertaken, materials/supplies procured and facilities constructed during the year If possible, to attach available reports submitted to regulatory bedien (e.g. MGR/DESR)
- Infrastructure (roads, bridges) outside of the SDMP edicalized by the company. Indicate monetary equivalent

Q.	Commitment	fees and	Roualtu	fees -	for PMDC ONLY
	Committeentente	LCC3 WILL	LUGGERRY	Comes.	TOT A TITLE COLUMN

Disaggregate the royalties and fees for each company

Name of company	Type of fees	Amount	Period covered	Remarks

# Certification

I hereby certify the following	ng:
--------------------------------	-----

I am the duly authorized and designated representative of with office address at
--

· All information disclosed and documents to be submitted in satisfaction of the EITI initiative are considered authentic and complete, and all statements and information provided therein are true and correct.

Authorized representative

Date

Chapter 2 Annexes

2. Reporting template for oil and gas sector

# Reporting template and schedules --- Companies

#### General guidelines

Disclosures per reporting template should include all taxes attributed to **taxable year 2019** irrespective of whether these were settled or paid in 2018 (advance payments) or 2020 (post settlement). Essentially, **accrual basis will be adopted**; hence taxes disclosed should correspond to reported amounts per audited financial statements.

Reporting templates should present the total taxes/fees for the year with corresponding schedules disclosing the breakdown with the required level of detail (e.g. per frequency, receiving office) indicated in each.

Reporting templates should be completed and provided no later than **January 15, 2021**. Based on accomplished reporting templates, participating entities will be required to submit corresponding schedules for those taxes with noted differences, as well as supporting documents as needed by the reconciliation process.

# FAILURE TO SUBMIT THE TEMPLATES BEFORE THE DEADLINE WOULD MEAN THAT YOUR COMPANY'S DATA WILL BE REPORTED AS UNEXPLAINED DISCREPANCIES IN THE EITI REPORT.

Please provide any relevant information for reconciliation process under remarks column. For example, participating entities may disclose if there were subsequent amendments made to initial filings and tax returns, or deficiency taxes (penalties, surcharges, interest) paid that may be included by government agencies in their respective reporting templates.

Reporting templates should be signed by an authorized representative of senior management such as President and Chief Finance Officer.

For queries and concerns, you may directly reach the PH-EITI Secretariat at (02) 8525 0497.

For companies with several projects, please accomplish one template per project.



## 1. Reporting templates

COMPANY INFORMATION

NAME OF COMPANY:

NAME OF PROJECT:

PERTINENT GOVERNMENT CONTRACT (e.g., MPSA, FTAA, etc.):

ACCOUNTING PERIOD (CALENDAR/FISCAL):

If Fiscal Year, please indicate fiscal year end (e.g. June 30, 2019):

LOCATION OF PROJECT (REGION, PROVINCE, MUNICIPALITY, BARANGAY, NEIGHBORING BARANGAY/S):

ADDRESS OF COMPANY'S PRINCIPAL OFFICE:

Board members including designation:

TIN:

#### A. Bureau of Internal Revenue (BIR)

Type of tax	Period covered (Cut-off date)	Amount paid	Remarks
Excise tax on minerals			<b>I</b>
Corporate income tax			please specify if Regular or Minimum Corporate Income Tax
Withholding tax - Final			•
Foreign shareholder dividends			
Profit remittance to principal		1	<b>†</b>
Royalties to claim owners			
Other final withholding tax			
Withholding tax - Expanded			
Withholding tax - Compensation	<u> </u>		1
Improperly accumulated retained earnings tax (IAET)			1

# B. Bureau of Customs (BOC)

Type of tax	Period covered (Cut-off date)	Amount paid	Remarks
Customs duties			
VAT on imported materials and equipment	***************************************		
Excise tax on imported goods (e.g. petroleum products)			

#### C. Philippine Ports Authority (PPA)

Type of tax	Period covered (Cut-off date)	Amount paid	Remarks
Whartage fees	Summer of the control		

#### D. Mines and Geosciences Bureau (MGB)

	Period covered (Cut-off date)	Amount paid	Remarks
Royalty in mineral reservation Others (e.g. penalties, fines, etc.)			

#### E. Local government unit (LGUs)

#### i. Main taxes/fees

Type of taxes	Period covered (Cut-off date)	Amount paid	Remarks
Local business tax			
Paid in Head Office			
Paid in Mine Site	- 100 - 100 - 11100		
Real property tax			_
Basic (Paid in Head Office)			
Special Education Fund (SEF) (Paid in Head Office)			
Basic (Paid in Mine Site)			
Special Education Fund (SEF) (Paid in Mine Site)			
Occupation fees			
Mayor's permit			
Community Tax			
Tax on Sand, Gravel and Other Quarry Resources			

#### ii. Payments based on specific LGU Codes/Ordinances and other regulations

	Rate/Amount	Legal Basia	Responsible Office within LGU	Responsible Office within LGU
Payments Made to LGUs by Mining Companies	[Please Specify Rate or Amount]	[Please Specify Section/Article Number of Ordinance]	(Assessment)	(Collection)
			<del> </del>	<del> </del>
	10.00		1	T
				<b> </b>

#### F. Department of Energy (DOE)

i. Tax/fees payments

		mount paid	
Type of payment	in USD	in PHP	Remarks
Government share from oil and gas production			· · · · · · · · · · · · · · · · · · ·
Government share from coal production			
Allocated to BIR for income taxes and others			
Allocated to LGU	I	I	
Net government share			
Signature Bonus (Clause 20.01 DOE Model Contract)	000-000-00-00-00-00-00-00-00-00-00-00-0		
Discovery bonus (Clause 20.02 DOE Model Contract)			
Production bonus (Clause 20.03, .02, .05, DOE Model contract)			
Annual Rental fees for retained area after exploration (Sec 9(e) PD 87,	T		
Clause 5.04 DOE Model Contract) Payment of contractor in case of default in performance (Clause 6.04			
Payment of contractor in case of default in performance (Clause 6.04			
Model Contract)			
Data fees			

#### Guidelines/Reminders

- \*Entities should likewise disclose PhP equivalent upon payment date and corresponding foreign exchange rate used under the remarks column,
- «If certain fees were paid in another period (e.g. discover bonus), kindly indicate the same under the remarks column, as well as actual year.

#### ii. Social funds

			Total actual ex	penditures	
Source of funds (name of project)	Name of recipients/beneficiaries of funds	Amount of fund (Balance as at December 31, 2018)	Amount spent (in USD & PHP)	Period covered	Remarks
	(name of project)	(name of recipients/beneficiaries of funds	(name of recipients/beneficiaries of funds (Balance as at December 31, 2018)	Source of funds (name of project)  Name of recipients/beneficiaries of funds  Name of recipients/beneficiaries of funds  Amount of fund (Balance as at December 31, 2018)  Amount spent (in USD & PHP)	(name of project)  Name of recipients/beneficiaries of funds  (Balance as at December 31, 2018)  Amount spent Period (in USD & PHP) covered

#### Guidelines/Reminders

- · Administrator Identify the entity that manages the fund (i.e. Company, government institutions/units, officers or representatives)
- . Basis of calculation Describe how total amount of the fund was calculated (e.g. as percentage of revenue/operating costs, as specified in Memorandum of Agreement (MOA) or service contract, etc.).

G. Project registration					
Indicate existing registration (e.g. 900, PICCA)					
Confirmation of Social inmediace availed in 2010					
Managemental about the service and analysis		-	-		
Incentive	Yes (include date granted, expiry date, incentive-granting body)	No	Amount		
Texnone tax holiday					
Duty five - insportations					
Soal property tax					
Any professorial/special tax rates applied (2 yes, include type, e.g., 5% Green Income Tax)					
Others the suggestated	1				
SANTALISANA SALAMANANA		•	î.		
H. Additional information					
Company profile     Soformation to be included in Chapter 1 of the 3th PW 2001 Report.					
Lenation of Conquery projects per LCC and Barrego; ( Indicate coordinates and	II .				
provide copy of reaged					
Board members of Kated explains					
Who are the lated owners of the Campuny?	1	-			
2. Employment data					
*Information to be included in Chapter 1 of the 2th PR-ETTI Report.					Kondan
Local Stole				Female	Ferreign Male Ferrale
Regular		Contractual		Regular Contra	
IP .	Non-IP	IP .	Non-IP	IP Non-IP IP	[Neo-tP
	1100100		11000000		100000
Construct bloods	Fotal marker of employees	Annual composisation	-		
Company blood		1			
a Regular		1			
a seguar		1			
h. Costructual/sounted		1			
Through contractors			1		
TOTAL		+	1		
MAKES -			4		
A. Economic linkages*					
Mishermation to be fortuied in Chapter 1 of the 19th HISS Report.	N/		0000111959741-00		
	Type of service provided/rendered	Total number of suppliers	Amount of purchases during 2019		
Firms Suppliers and contractors of goods and services				1	
a. Heat and neighboring commonStee				1	
h. Province		1			
c. Outside of province				1	
As supplier of goods and services		name of company supplied with goods and services	Amount of soles during the year	1	
Note: Include backward, forward, and harianstal linkages		The state of the s	Arrow .	£.	
4. Outside services (third party contractors)					
Mediconstitute to be included in Chapter 1 of the 7th PN-XIII Report.					
Name of contractor/oupplier	Nature of service rendered	Manpower (headcount) allocated to the Company, if any			
PPA Curriedor		annual or one company; it may			
AND THE PROPERTY OF THE PROPER					
2 . 3/5					
g. Grants and donations		The same of the sa	Name of the last o		
Paylor-mation to be included in Chapter 1 of the 2th FW ATTI report. For referen-	og are harmen in, Exploration and production, to eighent/s	THE RESERVE OF THE CORNEY		(Denation (e.g. road, scholarship, etc.)	Amount (monetary equivalent)
LOUS	PANAL PARAL	A.V		Commencial power pages and constraints and con	Total Institut (494044)
II's					
Others					
<u> </u>	resulter til	111		1111	

			A	and the second
n, u	ross	prox	Pages	1011

\*Information to be included in Chapter's of the 7th PH-EITT Report.

1	Pro	duction				Se	les .	_					_
Product	Volume	Value		Local			Export		Country of Destination	Customer	Related to company	Price (Average	Fores
Product	500,500	107000					Va	law	Destination	1.1000000000000000000000000000000000000	company.	/ Range)	\$337E
21.25				Volume	Value	Volume	In PHP	In USS	L. U.			1,933,000	
Off			Kime	The state of the s			100 100	10.000			A004000 mm and 00		Stanon.
Natural gas Condensate	1111	15			mana de la composición del composición de la com			1113115	2115 (1)	311211154310	3112111		
Condensate					100000000000000000000000000000000000000		100	101700	- 0000	300,000000	3115 (1)		1111111111
Others: (Specify)											-11-11-11-11-11		

7. Other withholding tures

\*\*Information to be included in Chapter 1 of the 7th PH-BITT report. For informer, we for find III. Exploration and production, Chapter 1 of the third PH-BITT Country Report.

Type of withholding tax	Cutoff date (Period covered)	Amount remitted	Remarks
Withholding tax on V/CI and other percentage taxes (1600)	ZOTECHNE ZUWEG ZOWERSEL	THE WILLIAM CONTROLLS	AM2000131
Withholding tax on compensation (5600-C)			
Expanded withholding tax (a601-E)			
Final withholding tax (1601-F)			
Fringe benefits tax (1603)			
VAT (appoil / appoQ)			

8. Details of CSR projects undertaken
"Information to be included in Chapter Left the 1th PH-EIII Report.

CSR Activities

Recipient/s	Activity	Materials/Supplies Procured	Amount in USD	Amount in PHP	Remarks
			THE PARTY OF THE P		
		W-17	(0)		
					The state of the s

Recipient/s	Type of Infrastructure	Unit of Measure (eg. KM, Linear Meter, SQM)	Total Project cost in USD	Total Project Cost in PHP	Remarks
f.GUa					
Pa			William Control		
Otlaces			Manual Control of the		-m-302-0

List of articities undertaken, materials/supplies presented and farilities constructed during the year. If possible, no attach ovaliable reports substituted to regulatory bodies (e.g. DOK/DENE). Infrastructure (roads, bridges) outside of the RDMP subsidized by the morposty. Indicate monetary equivalent

# Certification

I hereby certify the following:		
I am the duly authorized and designated representative of	with office address at	; and
All information disclosed and documents to be submitted and information provided therein are true and correct.  Authorized representative	in satisfaction of the EITI initiative ar	re considered authentic and complete, and all statements
rationized representative		
Date		

# Chapter 2 Annexes

3. Reporting template for gender and employment



# **Gender Reporting Template**

 Employees are those selected and hired by the company, under the supervision and control of the company as to work results and means employed to achieve those results, and whose wages and benefits the company is obliged to pay.

	Tota	al number	of employee	s
Company hired:	[		Male:	Female:
Indigenous People (IP):	[		Male:	Female:
Regular:	]		Male:	Female:
Probationary:	I		Male:	Female:
From host barangays:	]		Male:	Female:
From neighboring barangays:	[		Male:	Female:
2. Total Project workers	. [		Male:	Female:
3. Total Seasonal worker	Male:	work (please s	specify):	
	Female: Nature of v	work (please :	specify):	
4. Total Subcontracted w	vorkers: [			
	Male:		00.000 made (m.)	
	Nature of v	vork (please	specify):	

		į.
		-
	Female:	
	2	
	Foreign Employment	
Foreign Employees:	Male:	Female:
Regular	Male:	Female:
Consultants	Male:	Female:
5 Number of female employ	vees, per rank:	3
	Operations:  Rank & file:  Junior staff (supervisors):  Senior staff (managers):	
	Admininistrative: Rank & file: Junior staff (supervisors): Senior staff (managers):	
6. Number of female emplo	yees, per nature of work	
	6.1. Operations  Mining Engineers: Geologists: Chemists/chemical enginee Metallurgists: Electrical engineers: Assayists: Mill operators: Drillers: Muckers;	ers:
	Environment rehabilitation/ reforestation workers :	
	Others (please specify):	
	6.2 Administrative Accounting and Finance (total):	
	Legal (total):	

Lawyers: Office clerks/secreta	ries: -	
Others (please specif		
Community Relations: Safety, Health, and Environme Warehouse and Inventory: Purchasing: Medical (total): Physicians: Nurses: Others (please specif		
Drivers: Security guards: Site maintenance (utility person Housekeeping/Kitchen staff: Others (please specify):	nnel):	
<ol> <li>Does your company have a union?</li> <li>If yes, are there women employees who are members of</li> <li>How many women employees are members of the union.</li> </ol>		1 - Yes 2 - No 1 - Yes 2 - No
Is there an all-women employees' organization/associati     If your answer is yes, what is the general purpose of this		
8.2. Are all women employees, regardless of rank or positionall-women employees'organization/association?  Please explain:	on, members	of this 1 - Yes 2 - No
Compensation and benefits for female employees	1 - Yes 2 - No	Please explain your answer.
9. Do female employees receive the same pay as their male counterparts of the same position or rank?	2 110	
10. Do female employees receive the same pay as their male counterparts for work of the same nature?		
11. Are female employees given the same work assignment and opportunities as their male counterparts of the same educational qualification or training?		
12. Do female employees have equal opportunity for promotion as their male colleagues who have the same/similar educational qualification and perform the same or similar work?		7
13. What is the gross basic salary range of female employee	s?	

Senior staff:					
Please choose one of the following:			010-0100-01104		
1	>100,000 and higher	4	>70,000-80		
2	>90,000-100,000	5	> 60,000-7		
3	>80,000-90,000	6	Below 60,0	00	
Junior staff:	Ī				
Please choose one of the following:	_				
1	> 50,000-60,000	3	>30,000-40	0.000	
2	> 40,000-50,000	4	Below 30,0		
NAME OF THE PROPERTY OF THE PR	±2				
Rank and file:					
Please choose one of the following:					
1	> 20,000-30,000	3	> 10,000-1		
2	> 15,000-20,000	4	10,000 and	below	
14. Leaves that the company provide	e for its employees whether	male or fema	le-	1 - Yes	2 - No
14. Leaves that the company provide	a ioi na employeea, whether	mare or rema	uc.	1 103	2-110
	Maternity Leave		Solo parent	leave	
	Paternity Leave		VAWC leave		
E = 00 V2 1A	→ 10.000 to 10.000 + 0.000 +	-			
15. Benefits and services that are ava	ilable to employees in your c	ompany:		1 - Yes	2 - No
	Day care services for childr	en of employ	rees		
-	Health insurance				
	Hospitalization				
-	Educational scholarships for Transportation from mining		longo		
	_ Transportation from minit	g site to resit	lence		
16. Does your company have the foll	owing facilities? 1 -	Yes 2 - N	0		
so, rose Jone combined in a me ton		****	400		
	On-site hospital				
3	Level 1				
	Level 2				
	Level 3				
	On-site primary care fa				
	Infirmary (with i				
	Out-patient clini	c (without be	ds)		
-	Dental clinic				
	On-site pharmacy				
				1 - Yes	2 - No
17. Who may avail of services in the	on-site hospital or on-site pr	mary care for	cility?	1 - 1 es	2 - NO
17. Who may avail of services in the	on site nospital of oil site pr	mary care in	carry.		
	Employees only				
	Employees and their deper	dents			
	Employees and their deper		as non-emple	ovees/gen	eral
	public			T-0-717774 (0-7177	200.000
18. Are the services in the on-site ho	spital or on-site primary care	facility free			
for female employees?				1 - Yes	2 - No
-0 1 1 1 1 1 1		r			
<ol> <li>Are the services in the on-site ho for the dependents of female employ</li> </ol>		racinty free			
to the dependents of female employ	NAME OF THE PARTY			1 - Yes	2 - No
10 If the comings in the on-site base	ital or on-sita neimane coro f	acility are			
<ol> <li>If the services in the on-site hosp available to the general public, are tl</li> </ol>		icany are		1 - Yes	2 - No
are to				1 - 108	2-10

	2 33		-	
20. Does the company provide ambulance or transport serv				
employees who need emergency medical care outside comp	any premi	sesr	1	
			1 - Yes	2 - No
21. Does the company provide women employees housing of	r housing	henefits?		
21. Does the company provide women employees nousing e	a nousing	benetitisi	1 - Yes	2 - No
			1	
22. If the answer is yes, what is the nature of the housing/h	ousing ben	efit?		
<ol> <li>Free lodging within t</li> </ol>				
2 Rent subsidy for hou	sing outsid	e of company prem	ises	
AB E SOMEONE PARTY SEA AND SERVE SEA SEA SEA SEA SEA SEA SEA SEA SEA SE				
23. Does your company provide skills training for women?	1 - Yes	If yes, please enu		skills
	2 - No	tran	ning.	-
23.1. Women employees	-			-
23.2. Women from host barangay/s				
23.3. Women from neighboring barangay/s				-
Company policies, rules, and regulations				
[18] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	for ann life	.1		
24. Does your company have a policy on equal opportunity women to be hired for available positions?	for quantie	ed	1 - Yes	2 - No
25. Does your company have a policy against sexual harassi	ment?		1 - Yes	2 - No
26. Does your company have rules and regulations against		assment?		
			1 - Yes	2 - No
27. Does your company have written procedure for the inve	stigation o	f sexual		
harassment complaints?		Charles and Co.	1 - Yes	2 - No
28. Does your company have an established committee on				
investigation constituted in accordance with Republic Act ?	No. 7877 (A	nti-		
Sexual Harassment Act of 1995)?			1 - Yes	2 - No
00.000 PA - PA - 20.000,000 III - 1	2570	2001	· 0 25	
<ol> <li>Has your company ever received any complaint of sexus</li> </ol>			1 - Yes	2 - No
30. To the best of your knowledge, does sexual harassment company?	occur in yo	our	1	
company: 31. How many complaints of sexual harassment has your co	mananii na	boulo	1 - Yes	2 - No
after the Anti-Sexual Harassment Act was passed in 1995?	niipany rec	civeu	1	
32. Does your company have a GAD office or GAD officer?			1 - Yes	2 - No
33. Is 'gender' or are gender issues discussed in your compa	mv?		1 - Yes	2 - No
33) to Boundary of the Boundary products and John comp			1	
34. If your answer to 42 is yes, what gender issues are discu	ssed in vo	ur company? (Pleas	e specify.)	
				-
35. Has your company or any of its executives/managers/s				
informed, whether formally or informally, of any of the foll	owing prob	olems, issues, or con	cerns affect	ing
women employees? (Please input 1).				
8 62 6	0			
Unsafe working cond				
		ns for women		
Inappropriate workii				
Inappropriate workii Personal safety and s				
Inappropriate working Personal safety and some Sexual harassment	ecurity			
Inappropriate workin Personal safety and s Sexual harassment Disrespect for work	ecurity			
Inappropriate workin Personal safety and s Sexual harassment Disrespect for work Domestic violence	ecurity nen			
Inappropriate working Personal safety and some Sexual harassment Disrespect for working Domestic violence Other forms of abuse	ecurity sen			
Inappropriate workin Personal safety and s Sexual harassment Disrespect for work Domestic violence Other forms of abuse Lack of services for w	ecurity sen			
Inappropriate working Personal safety and some Sexual harassment Disrespect for working Domestic violence Other forms of abuse Lack of services for working Discrimination in:	ecurity en comen-spec	cific needs		
Inappropriate workin Personal safety and s Sexual harassment Disrespect for work Domestic violence Other forms of abuse Lack of services for w	ecurity nen comen-spec	cific needs		

Chapter 2 Annexes

4. Reporting template for COVID-19 response

### COVID-19 Response --- Companies

#### General guidelines.

Disclosures per reporting template should include all taxes attributed to taxable year 2019 irrespective of whether these were settled or paid in 2018 (advance payments) or 2020 (post settlement). Essentially, accrual basis will be adopted; hence taxes disclosed should correspond to reported amounts per audited financial statements.

Reporting templates should present the total taxes/fees for the year with corresponding schedules disclosing the breakdown with the required level of detail (e.g. per frequency, receiving office) indicated in each.

ORE Submissions should be completed and provided no later than October 23.

# FAILURE TO SUBMIT THE ORE SUBMISSIONS BEFORE THE DEADLINE WOULD MEAN THAT YOUR COMPANY'S DATA WILL BE REPORTED AS UNEXPLAINED DISCREPANCIES IN THE EITI REPORT.

Please provide any relevant information for reconciliation process under remarks column. For example, participating entities may disclose if there were subsequent amendments made to initial filings and tax returns, or deficiency taxes (penalties, surcharges, interest) paid that may be included by government agencies in their respective reporting templates.

For queries and concerns, you may directly reach the Independent Administrator or the PH-EITI Secretariat.

Once accomplished and checked by your Authorized Representative, you may upload this file to your reporting entity's/ies' ORE Workspace. Let's all aim for #zerowarianceFY2019



Please take note that we are collecting data on your "unspent" 2019 SDMP funds that have been realigned for COVID-19 response. If there are COVID-19 efforts being supported by 2020 funds, kindly include them in your reporting and note in the remarks column/section/field that the amount declared is from 2020 funds.

#### For the Period: [month, day - month, day, year]

Applicable power/authority	Program/Activity	Areas Covered (Region, Province, Municipality)	Number of Target Beneficiaries*	Number of Target Beneficiaries Served*	Budget Allocation*	Budget Utilized*	Remarks
			Frontliners/ Individuals	Frontliners/ Individuals			
			Households/ Families	Households/ Families			

Chapter 2 Annexes

5. Schedule of Payments

### Payment schedules --- Companies

#### General guidelines.

Disclosures per reporting template should include all taxes attributed to taxable year 2019 irrespective of whether these were settled or paid in 2018 (advance payments) or 2020 (post settlement). Essentially, accrual basis will be adopted; hence taxes disclosed should correspond to reported amounts per audited financial statements.

Reporting templates should present the total taxes/fees for the year with corresponding schedules disclosing the breakdown with the required level of detail (e.g. per frequency, receiving office) indicated in each.

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Please provide any relevant information for reconciliation process under remarks column. For example, participating entities may disclose if there were subsequent amendments made to initial filings and tax returns, or deficiency taxes (penalties, surcharges, interest) paid that may be included by government agencies in their respective reporting templates.

For queries and concerns, you may directly reach the Independent Administrator or the PH-EITI Secretariat.

For companies with several projects, please accomplish one Workspace and schedule of payments per project.

Once accomplished and checked by your Authorized Representative, you may upload this file to your reporting entity's/ies' ORE Workspace, specifically in the General Information form. Let's all aim for #zerovarianceFY2019



100000

Name of Company: Project Nume: Contract Number (e.g., MPSA, SC):	
Location of Operations Province/s: Municipality/ies:	
Barangay/s:	

#### Bureau of Internal Revenue

Reference partains to the basis of calculation used by the Company in determining tax to be paid. Tax base is the quantitative equivalent of said reference. Example as follows: Type of tax: Excise tax | Reference: Gross market value of shipments | Tax base: PMP XXX.XX.

#### A. BIR - Excise tax on minerals

			AUTO A		RDO/Bank branch	Basis of calculation				
Type of tax	Return Period	Date paid	Filing reference no.	Proof of payment	receiving payment	Reference	Tax base	Tax rate	Amount paid	Remarks
Excise tax on minerals										
Escise tax on minerals										
Excise tax on minerals	7.							Secretary 2		
- N. C.								The best		

#### A. BIR - Corporate Income tax

Type of tax	Return Period	Date paid	Filing reference no.	Proof of payment	RDO/Bank branch receiving payment	1.0	Basis of calculation	12	Amount paid	Remarks
						Reference	Tax base	Tax rate		
Corporate Income Tax										
Corporate Income Tax										
Corporate Income Tax							70			

#### A. BIR - Final Withholding Tax on Foreign Shareholder Dividends

200020	Return Period	Date paid	Filing reference		RDO/Bank branch receiving payment ATC	ATC	Basis of calculation			Amount paid	Remarks
Type of tax	Ketara reriod	Date pani	180.	Proof of payment			Reference	Tax base	Tax rate		
Final Withholding Tax on Foreign	n Shareholder Dividends										
Final Withholding Tax on Foreign	s Shareholder Dividends										
Final Withholding Tax on Foreign	a Shareholder Dividends										
				-			-		Market I		-

#### A. BIR - Final Withholding Tax on Profit Remittance to Principal

Sec. 200 (1990)	Return Period	Burker Branchis	Filing reference	W	RDO/Bank branch		1	Basis of calculation	Amount paid	Remarks	
Type of tax	Keturn Person	Date paid	no.	Proof of payment	receiving payment		Reference	Tax base	Tax rate		
Final Withholding Tax on Profit Re	mittance to Principal										
Final Withholding Tax on Profit Re	mittance to Principal										
Final Withholding Tax on Profit Re	mittance to Principal				U II		U.	15			1

#### A. BIR - Final Withholding Tax on Royalties to claim owners

	Return Period	Date paid	Filing reference		payment RDO/Bank branch receiving payment	Altro		Basis of calculation	n :	Amount paid	Remarks
Type of tax	scentification	Date pasa	DO:	t root of payment		receiving payment	at ATC	Reference	Tax base	Tax rate	
Final Withholding Tax on Royalti	ies to claim owners										
Final Withholding Tax on Royalti	ies to claim owners										
Final Withholding Tax on Royalti	ies to claim owners						1.5				
								•	Total		

#### A. BIR - Other Final Withholding Tax

	Return Period	10 to	Filing reference		RDO/Bank branch	ATRIC		Basis of calculation		Amount paid	Remarks
Type of tax	Keturn Period	Date paid	100.	Proof of payment	receiving payment	ATC	Reference	Tax base	Tax rate		1
Other Final Withholding Tax											
Other Final Withholding Tax											
Other Final Withholding Tax	0										

#### A. BIR - Expanded Withholding Tax

220022	Markey Works 4	Date paid	Filing reference	Proof of payment	ent RDO/Bank branch	Basis of calculation			Amount paid	Remarks
Type of tax	Return Period	глате рана	no. Proof of payment		receiving payment	Reference	Tax base	Tax rate	Amount pain	Kemarks
Expanded Withholding Tax				III.						
Expanded Withholding Tax										
Expanded Withholding Tax										

#### A. BIR - Withholding Tax on Compensation

Type of tax	Return Period	Date paid	Filing reference		RDO/Bank branch	0.00	Basis of calculation		Amount paid	Remarks
Type of tax	Return Letion	tyate band	no, Pro		receiving payment	Reference	Tax base	Tax rate		
Withholding Tax on Compensation			1							
Withholding Tax on Compensation										
Withholding Tax on Compensation										

#### A. BIR - Improperly accumulated retained earnings tax

14000004000	Water State of	Return Period Date paid	e paid Filing reference no.	ent RDO/Bank branch receiving payment	reserve to 12	Basis of calculation		Amount paid	Remarks
Type of tax	Keturn Persod				Reference	Tax base	Tax rate	Amount past	
Improperly accumulated retained	cornings tax				7.00003110000	- CONTRACT			
Improperly accumulated retained	numlings tax								
Improperly accumulated retained	earnings tax								
							Total	- 24	

Supporting documents to be prepared for the reconciliation process: Excise tax on minerals 2200P / 2200M

Corporate income tax 2700Q / 2700 Withholding tax 5000FQ / 1500FQ / 1500FQ / 1500FQ / 1500FQ / 1500FQ / 1500FQ

Documentary stamp tax

Bureau of Customs

Reference primarily pertains to duhable value and may include landed cost for dubles, market value of imported acquisitions for VAT, and others. Tax base represents the equivalent monetary value of disclosed reference.

Type of tax	Secret Potentia	Registration Date	Receipt No.	Receipt Date	BOC office (Port)	- 1	Basis of calculation		Amount paid	Manage Art
type of tax	Import Entry No.	Registration Date	Receipt No.	Receipt Date	receiving payment	Reference	Tax base	Tax rate		Remarks
Custom Duties	100					p-Hillogarca A.	30 20 77.5	20 0000		
VAT on imported materials and equi	pment									
Excise tax on imported goods (e.g. pe	etroleum products)		Y.	100	W		(d)			
								Total	85	

Supporting documents to be prepared for the reconciliation process:

Customs duties BOC Import Entry & Internal Revenue

VAT on imported materials and equipment	Declaration (Form
Excise tax on imported goods (e.g. petroleum products)	No. 236), Proof of payment

#### Philippine Ports Authority

If possible, to disclose payments on a per PMO and portferminal basis specifically for those operating at multi locations (provinces).

#### C. PPA - Wharfage Fees

Town of the	Date paid	Beautata announce	Management	Basis of	calculation	Assessmentantal	Demondes
Type of tax	Date paid	Proof of payment	Office (PMO)	Tax base	Tax rate	Amount paid	Remarks
Wharfage fees			DOMESTICAL PROPERTY OF THE PARTY OF THE PART	- Assessment	1.0100000		
Wharfage fees							
Wharfage fees		7)					10
110000000000000000000000000000000000000			-		Total	60	

Supporting documents to be prepared for the reconciliation process:

Whatlage fees Official Receipt from government agency

#### Department of Energy

***************************************	Date Paid	Proof of payment (eg. Official	Amount		Basis of cale	Remarks	
Type of payment	Date Past	Receipt)	in USD	in PhP	Reference	Amount Paist	Remarks
Government Share		120					
Annual rental fee					-		
Service Control of the Control of th	2						
					Total		

#### Mines and Geosciences Bureau

For occupation lieus, to disclose to which project this relates to under the remarks column to facilitate reconciliation with the MGB. Likewise, if the entity is operating a number of projects across various locations, the reporting template should disclose royalty payments to each area.

#### E. MGB - Royalty in Mineral Reservation

Type of tax	Date paid	Proof of payment	MGB office receiving	Basis of calculation		Amount paid	Remarks
			payment.	Reference	Tax rate		
Royalty in Mineral Reservation							
Royalty in Mineral Reservation							
Royalty in Mineral Reservation		4		V		121	4

#### E. MGB - Occupation Fees

Type of tax	Date paid	Proof of payment	MGB office receiving	Basis of calculation		Amount paid	Remarks
			payment	Reference	Tax rate		
Secupation Feet				- CCCCC01111	000000000000000000000000000000000000000		
Accupation Fees							
Decupation Fees	17	X 27		10		1	

#### E. MGB - Others (e.g., penalties, fines, etc)

Total

Type of tax	Date paid	Proof of payment	MGB office receiving	Basis of c	calculation	Amount paid	Remarks
			payment	Reference	Tax rate		
				20000110011			
i .							
					Tootself.		

Supporting documents to be prepared for the reconciliation process.

Royalty is mineral reservation

Occupation fees Official Ro
Others (e.g. penalties, fines, etc.)

Official Receipt from government agency

#### Local Government Unit

#### F. Local government unit - Business Taxes

Type of tax	Date paid	aid Proof of payment	LGU receiving payment	Basis of calculation			Amount paid	Head Office /	Remarks
SEEC. (8520)				Reference	Tax base	Tax rate	200100-004-002	Mine Site	
Business Tax									
Business Tux									
Bosiness Tax									
						460.757			

#### F. Local government unit - Real Property Tax (Basic)

Type of tax	Date paid	Proof of payment	payment Reference Tax base Tax rate		Amount paid	Head Office / Mine Site	Remarks		
	7-1301 (Porta)	Commercial Commercial		Reference	Tax base	Tax rate	0.000.000.000.00	Mine Site	
Real Property Tax - Basic									
Real Property Tax - Basic									
Real Property Tax - Basic									
	_					785-4-1			

#### F. Local government unit - Real Property Tax (SEF)

Type of tax	Date paid	Proof of payment	LGU receiving payment	Basis of calculation			Amount paid	Head Office /	Remarks
38.8-15550000				Reference	Tax base	Tax rate		Mine Site	5334105554505
Real Property Tax - SEF									
Real Property Tax - SEF		1							
Real Property Tax - SEF		1.0	U.					i.i.	U
		117		0.		Total	17.	100	-

#### F. Local government unit - Others

Type of tax	Date paid	Proof of payment	LGU receiving	Basis of calculation		Amount paid	Head Office / Mine Site	Remarks	
			payment	Reference	Tax base	Tax rate		Mine Site	3,393,094,0003;
Occupation fees							i.		

Mayor's permit						
Community Tax						
				Total	- 2	
Supporting documents to be prepared	for the reconciliation	t process:				
	1,000					
Real property tax - Basic						
- Basic		Official Receipt				
- Special Education Fund (SEF)		Official Receipt from government				
- Special Education Fund (SEF) Occupation fees		agency				
Mayor's permit Community Tax						
Community Tax						

#### National Commission on Indigenous Peoples

#### G. Royalty to Indigenous Peoples

Type of Payment	Recipient IP	Administrator	rator Date Paid	Proof of Payment -	Basis of calculation		Amount Paid	Remarks
		-communication		Proof of Payment	Base	Rate		
Royalty to Indigenous Peoples		-				2,000		
Royalty to Indigenous Peoples								
Royalty to Indigenous Peoples		17				11 12	1	
50,000 800,000,000,000,000,000						Total	1.67	

Supporting documents to be prepared for the reconciliation process:

Reyalty to Indigenous Peoples rideneed by receipt of administrator

Chapter 2 Annexes

6. BIR/Taxpayer's Waiver Template

# TAXPAYER'S WAIVER FOR PURPOSES OF THE PHILIPPINE IMPLEMENTATION OF THE EXTRACTIVE INDUSTRIES TRANSPARENCY INITIATIVE

- I, **[NAME OF AUTHORIZED REPRESENTATIVE]**, the **[POSITION/TITLE]** and duly authorized representative of **[NAME OF THE MINING/EXTRACTIVE FIRM]** (TIN: <u>insert TIN number here</u>) (the "Company") with principal office address at [<u>insert office address here</u>], under oath, hereby –
- 1. Freely consents and allows the Commissioner of Internal Revenue (the "Commissioner") and her duly authorized representatives to disclose, supply, and/or furnish the Extractive Industries Transparency Initiative ("EITI"), financial information on taxes paid by the Company, based on the information contained in the Company's tax returns, audited financial statements and related information available in the possession of the Bureau of Internal Revenue (the "Bureau"), particularly its internal revenue tax payments for the taxable year **2019**;
- 2. Holds free from the liabilities sanctioned under (1) Section 270 of the National Internal Revenue Code of 1997, as amended, (2) Republic Act ("R.A.") No. 6713, also known as the Code of Conduct and Ethical Standards for Public Officials, and (3) R.A. No. 10173, otherwise known as the Data Privacy Act of 2012, and other related laws, regulations, or issuances thereof, the Commissioner and any officer or employee of the Bureau duly authorized by the Commissioner to disclose pertinent data/information in the Bureau's possession of the Company's audited financial records and tax returns to the EITI; and
- 3. Willingly allows EITI to disseminate and publish such information for the purpose of compliance with the Philippine implementation of EITI principles and criteria.
- 4. The execution of the foregoing waiver is solely and exclusively for the purpose of compliance with the implementation of the EITI principles and standard.

Executed this day in	, Philippines.
ACCCEPTED BY:	
CAESAR R. DULAY Commissioner of Internal Revenue	[NAME OF THE COMPANY]
Ву:	Ву:
	[NAME OF AUTHORIZED
REPRESENTATIVE  Revenue Official/Position	[POSITION]
WITNESSES	
[INSERT NAME HERE] (Signature over printed name)	[INSERT NAME HERE] (Signature over printed name)

Chapter 3 Annexes

1. Qualitative Surveys

# QUALITATIVE RESEARCH SURVEYS<sup>6</sup>

# A. Ex-Pandemic Questions for The Top 5 Oil and Gas Companies plus Semirara Mining and Power Corporation

- 1. How did your company deal with commodity price shocks IN THE PAST? Was/were your strategy/-ies successful? Why or why not? And how will your company deal with commodity price shocks IN THE FUTURE?
- 2. How did your company deal with DEMAND SLUMPS in the past? How successful was/were your strategy/-ies? And how will you deal with them in the future?
- 3. In the short term (up to three years from now), how does your company foresee changes to its volume of production? Sales volume? Employment numbers? Terms of employment? Exports?
- 4. In the long term (four years from now and beyond), how does your company foresee changes to its volume of production? Sales volume? Employment numbers? Terms of employment? Exports?
- 5. Post-pandemic, do you have any exploration and/or development plans in the works? Kindly expound.
- 6. Post-pandemic, do you plan on undertaking any projects to increase your bottom line? Kindly expound.
- 7. In terms of modern technology, have you ALREADY INVESTED in the following? Automation? Artificial Intelligence? Internet of Things? Wearables for workers that provide real-time data? Digital Twin? Etc.? Please share with us some details.
- 8. In terms of modern technology, which among the aforementioned are you PLANNING TO INVEST in? Please share with us some details.
- 9. What has your company been doing towards ZERO WASTE? And what will you be doing eventually?
- 10. How does your company plan to adapt to the global call for decarbonization?

<sup>&</sup>lt;sup>6</sup> The method of inquiry was both dependent on the sample size and the quality of primary information. Questioning that requires comprehensive and exhaustive answers was prepared for a relatively small number of entities – The Top 5 Oil and Gas Companies for oil and gas, Semirara Mining and Power Corporation for coal, and relevant government departments and agencies. Albeit the sample size for SSM is also small, so too is its section in the Industry Outlook Chapter; hence, the sufficiency of a questionnaire. The same reasoning applies to SOE's; thus, their annual reports will be sufficient. With regard to the much larger sample size of the 50 Large-Scale Metallic Mining and Top 25 Non-Metallic Mining Companies, an online survey with fewer but nevertheless targeted questions was designed. It should be noted that interviews are to follow on entities that need clarification/follow-up on their written answers.

# A. Ex-Pandemic Questions for The Top 5 Oil and Gas Companies plus Semirara Mining and Power Corporation (Continued)

- 11. Which aspect/s of new/additional government intervention/regulation EXTERNAL to the company will negatively affect your bottom line? On environmental concerns? Indigenous people's rights? Etc.? Kindly explain how.
- 12. Which aspect/s of new/additional government intervention/regulation INTERNAL to the company will negatively affect your bottom line? On workers' health and safety? Their terms of employment and compensation? Taxation? Payments, fees, and royalties? Licensing and contract negotiations? Etc.?
- 13. Do you have a mutually beneficial partnership with one or more small-scale mining (SSM) operators? Why or why not? If so, how does your company benefit from this?
- 14. In the future, do you plan to increase your budget for Corporate Social Responsibility (CSR) and your Social Development and Management Fund (SDMF)? Why or why not?
- 15. In the future, do you plan to have additional financing? If yes, how? If no, why not? And will you seek some form of government subsidy?

# B. Peri-Pandemic Questions for The Top 5 Oil and Gas Companies plus Semirara Mining and Power Corporation

- 1. What is your total number of employees (part-time and full-time), and how many of them have contracted Covid-19?
- 2. What is your company protocol for the employee and for those they have been in contact with when an employee tests positive?
- 3. What company benefits do these positive employees receive?
- 4. What is your company policy for Covid-19 testing? Is it mass? Targeted? Is it through swab testing (e.g., RT-PCR) or by blood draw? And is it paid for by the company?
- 5. When the Philippine government officially announced cities/towns/provinces into certain community quarantine classifications last March, how was your area classified? And how did this affect your operations? Did your company shut down? Had partial operating capacity? Was business as usual? Operated with on-and-off activities?
- 6. How have your operations been affected with the subsequent changes in the quarantine statuses of your city/town/province? Please specify.
- 7. What changes in your employment terms were implemented during this pandemic? How many full-time workers were laid off? Did you hire more part-time workers and how many? Did you shorten their workdays/hours of work? Etc.?

- 8. How was your volume of production affected during this pandemic?
- 9. How was your sales volume affected during this pandemic?

# B. Peri-Pandemic Questions for The Top 5 Oil and Gas Companies plus Semirara Mining and Power Corporation (Continued)

- 10. If applicable, how were your exports affected during this pandemic?
- 11. How else has this pandemic had an adverse impact on your company? Like lesser transparency and reporting to relevant agencies/organizations? Delay in and/or cancellation of exploration and/or development plans? One or more projects got suspended or shelved? No more 13th month-pay for your employees? Etc.?
- 12. Now that the economy is starting to pick up, how is this affecting your operations? Employment? Volume of production? Sales volume? And, if applicable, exports?
- 13. Is your management satisfied with how the company has dealt with this pandemic? What would have been done differently to mitigate its adverse effects?
- 14. Is your company satisfied with how the Philippine government has responded to its pandemic? What has it done wrong? And what has it done right?
- 15. How prepared is your company now for a possible future pandemic? Kindly expound.

# C. Peri- and Ex-Pandemic Questions (When Applicable) for Government Departments/Agencies

- 1. How have licensing applications been affected by this pandemic? And how has your department/agency been processing them given the mandated skeletal workforce? Are the delays as expected or the peri-pandemic process can actually be made faster? Have the applicants been understanding? Or demanding, and how are you dealing with this?
- 2. Do you think that both licensing applications and processing will soon pick-up to prepandemic/normal levels? Or there will be a new normal?
- 3. When it comes to negotiating new contracts or renegotiating expiring ones, how has this process changed during the pandemic? And how have the dynamics between the two parties changed? Does either, neither, or both now tend to compromise? Or is one or both hardliners? Have the terms of a new/the renewed contract been more flexible? Leaning more towards whose benefit?
- 4. Moving forward post-pandemic, will the time it takes to negotiate/renegotiate contracts be back to what it once was? How soon? Or there will be a new normal? How do you think the dynamics between both parties will also change? And will the terms be more pro-government, pro-company, or a happy middle?

- 5. How have fiscal collections been affected by this pandemic? Have companies been given more leeway in paying less-than-their-supposed taxes, royalties, dividends, and/or fees? And have they still been paying on time? Or are payment delays condoned given the current situation?
- 6. In the future, will fiscal regimes be more liberal (i.e., fewer payments)? Or more restrictive (i.e., higher payments than now)? To which end? And why?

### C. Questions (When Applicable) for Government Departments/Agencies (Continued)

- 7. Is there a win-win situation when it comes to the government's collecting payments from mining, oil and gas, and coal companies in the form of taxes, royalties, dividends, fees, etc. - that the latter also stand to benefit from these collections? If so, what are making present levels optimal? If no, how much more or how much less should the government extract money from these extractive industries?
- 8. Have there been any recent bans/moratoria in the operations/projects of any mining, oil and gas, or coal company peri-pandemic? Are any of these bans/moratoria related to the pandemic? Were any of the existing bans/moratoria lifted because of the pandemic? And was the decision to impose a ban/moratorium delayed because of the pandemic?
- 9. In general, is there always a trade-off between economic growth and a sustainable natural environment? In particular, should the government prioritize environmental protection/preservation (inclusive of Indigenous Peoples' rights) over the employment/taxation/multiplier benefits with the presence/continued operations of extractive companies?
- 10. Aside from the mandated assistance from the Department of Social Welfare, Development and Department of Labor and Employment, and Department of Trade and Industry, has your department/agency also provided support to extractive companies and/or their employees during this pandemic?

D. Questionnaire for SSM Operators/Organizations	
1. Please fill in the blanks below:	
YOUR FULL NAME	DATE TODAY

# NAME OF MINE OR SSM ASSOCIATION LOCATION OF MINE OR SSM ASSOCIATION YOUR POSITION/DESIGNATION YOUR MOBILE NUMBER \_\_\_\_\_ EMAIL ADDRESS 2. How many workers do you have? Part-time \_\_\_\_\_\_ Full-time \_\_\_\_\_ 3. How many of them in total have contracted Covid-19? \_\_\_\_\_ 4. What was the community quarantine classification of your town/city/region last March 2020? (Please circle one.) **ECQ** MECQ GCQ MGCQ Low-risk MGCQ none 5. How <u>did</u> this affect your mining operations? (Please circle one.) Full closure Partial operations Business as usual On-and-off activities 6. How did your quarantine classification change soon after March? (Please circle one.) **ECQ** MECQ GCQ MGCQ Low-risk MGCQ n/a 7. How has this new classification affected your mining operations? (Please circle one.) Full closure Partial operations Business as usual On-and-off activities 8. What is your <u>current</u> community quarantine classification? (Please circle one.) **ECQ** MECQ GCQ MGCQ Low-risk MGCQ n/a 9. How many of your workers were laid off in March due to this pandemic? \_\_\_\_\_\_ 10. Did you provide financial support for your displaced workers? If yes, please specify how many times and how much in total. If no, please explain why.

11. What other kind/s of support did you provide for them?

If yes, please specify.

	If no, please expla	in why.				
	What kind of gove	ernment support (	(national and/or	r LGU) did your v	vorkers rec	eive? Please
D.	Questionnaire fo	r SSM Operatoi	rs/Organizatio	ns <i>(Continued)</i>		
13.	How many worker	rs have you hired	part-time durin	g this pandemic	?	
	How many worker	rs have returned o	onsite when you	ır community qu	iarantine cl	assification was
	How has your VOI in the relevant blan		CTION been affe	cted by this pan	demic? (Ple	ase circle one and
	No change %	Decreased by a	pproximately	%	Increased	by about
	How has your SAL evant blank.)	ES VOLUME been	affected by this	s pandemic? (Ple	ease circle c	one and fill in the
	No change %	Decreased by a	pproximately	%	Increased	by about
17.	How do you fores	ee your VOLUME	OF PRODUCTIO	N in the future?	It will (P	lease circle one:)
	Decrease much	Decrease little	Not change	Increase slight	ly In	crease a lot
18.	How do you fores	ee your SALES VO	LUME in the fut	cure? It will (P	lease circle	one:)
	Decrease much	Decrease little	Not change	Increase slight	ly In	crease a lot
19.	What are your pla	ns for FULL-TIME	WORKERS in th	e future? (Pleas	e circle one	.)
	Hire more	Hire few	None	Lay off few	Lay off mo	ore
20.	What are your pla	ns for PART-TIME	WORKERS in th	ne future? (Pleas	e circle one	e.)
	Hire more	Hire few	None	Lay off few	Lay off mo	ore
	What have you be one/s that apply.)	en doing for you	workers in terr	ns of their healt	h and safety	y? (Please check
	Supplying	them with clothi	ng and gear for	their physical pr	otection	
	Providing	them with trainir	ng on health and	I safety at work		
	Giving the	em access to more	e efficient and le	ess labor-intensi	ve equipme	nt

Other (Please specify:)			
22. What other steps have you been taking to benefit your v check the one/s that apply.)	vorkers and	d your oper	ations? (Please
Building capacity through partnerships with loca	l institutior	าร	
Forming a miners' cooperative or providing micr	o-credit to	miners and	their families
Partnering with large-scale mining companies			
Other (Please specify:) D. Questionnaire for SSM Operators/Organizations (Co	ontinued)		
23. What have you been doing in terms of having little or no (Please check the one/s that apply.)	impact on	your natur	al environment?
investment in cleaner technologies			
Less water usage in the extraction and processin	g of minera	als	
Proper disposal of mine tailings, waste rock impertors to prevent soil and water pollution	ediments, e	etc.	
Other (Please specify:)			
24. Which aspects of government regulation/intervention do of in the future? (Please check only 1 of 3 columns in each ro	w.)		
En incompany and a consequent	LESS	SAME	MORE
Environmental concerns			
Indigenous People's rights Workers' health and safety			
Workers' terms of employment and compensation			
Taxation			
Payments, fees, and royalties			
Licensing and contract negotiations			
25. How do you see your operations in the future? (Please of			ply.)
Contracting (If ticked, then tick only one:) sign	gnificantly <sub>-</sub>	slightly	
Pretty much the same			
Growing (If ticked, then tick only one:) subst	antially	_ minimally	
Ready / Unprepared for the next pandemic			
Further investments from (If ticked, then tick on internal / external sources	ly one or bo	oth:)	

Will need additional public support from the (If ticked, then tick only one or both:) national government LGU
E. Online Survey (Ex-Pandemic) for The 50 Large-Scale Metallic <sup>7</sup> and Top 25 Non-Metallic Mining Companies <sup>8</sup>
1. Please fill in the boxes below, and do include your current job designation beside your full name. Thank you.
Name
Company
Email Address
2. How did your company handle commodity price shocks IN THE PAST?
Bad. Suffered income losses.  Not well enough. Broke even.
Okay. Bottom line was unaffected with a proportional increase in demand.
Still met our profit target. We were able to adapt by (please specify)
3. How will your company handle commodity price shocks IN THE FUTURE? (Kindly choose only 1 that you will most likely be doing.)
Diversification
Cost-cutting
Ask for government support
Other (please specify)

E. Online Survey (Ex-Pandemic) for The 50 Large-Scale Metallic and Top 25 Non-Metallic Mining Companies (Continued)

<sup>7</sup> https://www.surveymonkey.com/r/8DFX5RX 8 https://www.surveymonkey.com/r/LVKQRM5

4. In terms of modern technology, which among the following have you ALREADY INVESTED in? (Please check all that apply, or proceed to the next question if none.)
Automation (e.g., autonomous vehicles, drillers, and/or haulage systems)
Artificial Intelligence (e.g., smart sensors attached to mining equipment and systems)
Internet of Things (i.e., most or all components of the mining value chain being connected
online)
Wearables (i.e., that provide real-time data on workers)
Digital Twin (i.e., pairing of virtual and physical systems to allow analysis of data and monitoring heading off problems before they even occur, preventing downtime, developing new opportunities, and planning for the future by using simulations)
Other (please specify)
5. In terms of modern technology, which among the following are you PLANNING TO invest in? (Please check all that apply, or leave this question blank if your company has no such plans.)
Automation
☐ Artificial Intelligence
□ Internet of Things
Wearables
□ Digital Twin
Other (please specify)
6. How near or how far is your company towards achieving zero waste?
Not a priority
Quite a way to go
Being planned soon
Is already invested in this

# E. Online Survey (Ex-Pandemic) for The 50 Large-Scale Metallic and Top 25 Non-Metallic Mining Companies (Continued)

7. Which aspect/s of NEW/ADDITIONAL government intervention/regulation do you think will adversely affect your bottom line? (Please choose at least 1.)

Environmental concerns
Indigenous People's rights
Workers' health and safety
Workers' terms of employment and compensation
Taxation
Payments, fees, and royalties
Licensing and contract negotiations
Other (please specify)
8. How do you expect your company to grow in 3 years' time?
Same as now
Will contract
Will grow minimally
Will grow substantially
9. How do you expect your company to grow 4 or more years from now?
Same as now
© Will contract
Will grow minimally
Will grow substantially
10. What are your company's budgetary plans for its Corporate Social Responsibility (CSR) as well a your Social Development and Management Fund (SDMF)?
Decrease in both, if not the same
Increase in both
Higher CSR budget, lower for SDMF
C Lower CSR budget, higher for SDMF
F. Online Survey (Peri-Pandemic) for The 50 Large-Scale Metallic 9 and Top 25 Non-Metallic Mining Companies 10
1. Please fill in the boxes below, and do include your current job designation beside your full
name. Thank you.
Name

<sup>&</sup>lt;sup>9</sup> https://www.surveymonkey.com/r/K3XV8MY <sup>10</sup> https://www.surveymonkey.com/r/LV7P355

Company			
Email Address			
2. What is your TOTAL NUMBER OF EMPLOYEES (part-time and full-time) and HOW MANY HAVE CONTRACTED COVID-19 in the 2nd and 3rd quarters of 2020?			
3. During the second quarter of this year, how were your operations affected by Covid-19?			
Complete shutdown Partial closure Full operation On and off			
4. How has the pandemic affected your VOLUME OF PRODUCTION?			
No impact. Same volume of production as pre-pandemic.  Little impact. Volume only down by up to 25%.  Some impact. Volume down by almost 50%.  Significant impact. Volume zero or significantly down by at least 75%.			
5. How has the pandemic affected your SALES VOLUME?			
No impact. Sales volume same as before.  Little impact. Volume only down by up to 25%.  Some impact. Volume down by almost 50%.  Significant impact. Volume zero or significantly down by at least 75%.			
F. Online Survey (Peri-Pandemic) for The 50 Large-Scale Metallic			
and Top 25 Non-Metallic Mining Companies (Continued)			
6. How else has the pandemic negatively affected your company? (Please check the one/s that apply.)			
Lesser transparency and reporting to relevant agencies/organizations  Delay in exploration and/or development plans  Cancellation of exploration and/or development plans  One or more projects got suspended			
One or more projects got shelved			

	Fewer benefits for workers (e.g., no more 13th-month pay)			
	Other (please specify)			
	How satisfied are you with the Philippine government's general response to the Covid-19 demic?			
0 0	Very satisfied. Satisfied. Neither satisfied nor dissatisfied. Not satisfied. The government can do more.			
0 0	What can you say about your company's internal handling of the Covid-19 situation?  Satisfied.  Neither satisfied nor dissatisfied.  Not satisfied. We COULD do more but our hands are tied.			
	Not satisfied. We WILL do more to improve the situation.  How much prepared/ready is your company for another pandemic?			
0	Not prepared at all Slightly prepared Ready as can be More than ready			
	What could your company have done differently in this pandemic to mitigate its adverse effects your operations?			

## **TARGETED REPRESENTATIVE SAMPLES**

# A. Top 5 Oil and Gas Companies

- 1. PNOC Exploration Corporation
- 2. Shell Philippine Exploration B.V.
- 3. The Philodrill Corporation
- 4. Galoc Production Company W.L.L.
- 5. China International Mining Petroleum Co. Ltd.
- B. Semirara Mining and Power Corporation<sup>11</sup>
- C. 50 Large-Scale Metallic Mining Companies

 $^{11}$  Is the sole entity for coal given that 99.1 percent of its production in 2018 was produced by this corporation, as per Department of Energy's Energy Annual Report of the same year

- 1. Lepanto Consolidated Mining Company
- 2. Benguet Corporation
- 3. FCF Minerals Corporation
- 4. Filminera Resources Corporation
- 5. Apex Mining Company, Inc.
- 6. Philsaga Mining Corporation
- 7. Itogon Suyoc Resources, Inc.
- 8. Tribal Mining Corporation
- 9. Atlas Consolidated Mining & Development Corporation/Carmen Copper Corporation
- 10. Philex Mining Corporation
- 11. OceanaGold Philippines, Inc.
- 12. Chromiteking, Inc/Techiron Resources, Inc.
- 13. Shangfil Mining and Trading Corporation
- 14. Rio Tuba Nickel Mining Corporation
- 15. Berong Nickel Corporation
- 16. Agata Processing, Inc./Agata Mining Ventures, Inc.
- 17. SR Metals, Inc.
- 18. Surigao Integrated Resources Corporation/Platinum Group Metals Corporation
- 19. Hinatuan Mining Corporation
- 20. Adnama Mining Resources, Inc.
- 21. Taganito Mining Corporation
- 22. Marcventures Mining & Development Corporation
- 23.-24. CTP Construction & Mining Corporation<sup>12</sup>
- 25. CTP Construction & Mining Corporation/Carrascal Nickel Corporation
- 26. East Coast Mineral Resources Company, Inc./Cagdianao Mining Corporation
- 27. East Coast Mineral Resources Company, Inc./
  Libjo Mining Corporation & Westernshore Nickel Corporation
- 28. Norweah Metals and Minerals Company, Inc./Oriental Vision Mining Philippines Corporation
- 29.-30. Century Peak Corporation<sup>13</sup>

#### C. 50 Large-Scale Metallic Mining Companies (Continued)

- 31. Zambales Diversified Metals Corporation
- 32. LNI Archipelago Minerals, Inc./Filipinas Mining Corporation
- 33. Citinickel Mines & Development Corporation
- 34. Sinosteel Philippines H.Y. Mining Corporation
- 35. Mill-Oro Mining Corporation/Austral-Asia Link Mining
- 36. BenguetCorp Nickel Mines, Inc.
- 37. Eramen Minerals, Inc.
- 38. Greenstone Resources Corporation
- 39. Abra Mining & Industrial Corporation
- 40. Johson Gold Mning Corporation
- 41. Krominco, Inc.
- 42. Mt. Sinai Mining Exploration and Development Corporation
- 43. Vista Buena Mining Corporation/Wellex Mining Corporation
- 44. Dinapigue Mining Corporation
- 45.-46. AAM-PHIL Natural Resources Exploration & Development Corporation<sup>14</sup>

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<sup>&</sup>lt;sup>12</sup> Adlay Nickel Project and Dahican Nickel Project

<sup>&</sup>lt;sup>13</sup> Casiguran Nickel Project and Esperanza Nickel Project

<sup>&</sup>lt;sup>14</sup> Parcel 1 and Parcel 2 of Dinagat Chromite/Nickel Project

- 46. Dinagat Chromite/Nickel Project (Parcel 2B) AAM-PHIL Natural Resources Exploration & **Development Corporation**
- 47. Strongbuilt (Mining) Development Corporation
- 48. Atro Mining-Vitali, Inc.
- 49. Nicua Corporation/Vincent Tan Tiong
- 50. Oriental Synergy Mining Corporation

### D. Top 25 Non-Metallic Mining Companies

- 1. Asencio-Pinzon Aggregates Corporation/Pacific Concrete Products, Inc. and Vulcan Materials Corporation
- 2. Bohol Limestone Corporation
- 3. Concrete Aggregates Corporation
- 4. Dolomite Mining Corporation
- 5. Eagle Cement Corporation
- 6. Gozon Development Corporation
- 7. Hardrock Aggregates, Inc.
- 8. Holcim Mining and Development Corporation (HMDC) Davao del Sur and Sarangani
- 9. HMDC La Union
- 10. HMDC Bulacan
- 11. HDMC Lanao del Norte and Misamis Oriental
- 12. Island Quarry & Aggregates Corporation/Solid Cement Corporation
- 13. JLR Construction and Aggregates, Inc.
- 14. Luzon Continental Land Corporation
- 15. Montalban Millex Aggregate Corporation
- 16. Northern Cement Corporation
- 17. Rapid City Realty and Development Corporation Teresa, Rizal
- 18-19. Rapid City Realty and Development Corporation Antipolo City, Rizal<sup>15</sup>

#### D. Top 25 Non-Metallic Mining Companies (Continued)

- 20. Republic Cement and Building Materials, Inc. Rizal
- 21. Republic Cement and Building Materials, Inc. Bulacan (Formerly Lafarge Republic, Inc.)
- 22. Republic Cement Mindanao, Inc. (Formerly Lafarge Mindanao, Inc.)
- 23. Rio Tuba Nickel Mining Corporation
- 24. San Rafael Development Corporation
- 25. Solid North Mineral Corporation<sup>16</sup>

### E. SSM Operators/Organizations

- 1. Datu Legel Small-Scale Mining Association
- 2. Herminigildo Omanan
- 3. Fagalas/Tolik Clan Small-Scale Mining Association, Inc.
- 4. Maguan Clan Small-Scale Mining Association, Inc.
- 5. T'boli Integrated Small-Scale Mining Contractors Association, Inc.
- 6. Rosanita Mamerga
- 7. Jimmy Pericon
- 8. Marina Sereneo
- 9. T'boli Minahang Bayan Multi-Purpose Cooperative

<sup>&</sup>lt;sup>15</sup> Mineral Production Sharing Agreement (MPSA) 1 and MPSA 2

<sup>&</sup>lt;sup>16</sup> Assignment from Holcim Philippines, Inc.

# F. Government Departments/Agencies

- 1. Bureau of Internal Revenue
- 2. Mines and Geosciences Bureau
- 3. Department of Energy
- 4. Department of the Environment and Natural Resources
- 5. Department of Budget and Management
- 6. Bureau of the Treasury
- 7. Philippine Ports Authority
- 8. National Commission on Indigenous Peoples

# QUESTIONNAIRE FOR THE PH-EITI SECRETARIAT FOR THE INDUSTRY OUTLOOK CHAPTER OF THE 7TH ANNUAL REPORT

Name of PH-EITI Official		Position			
		Date			
I TDA	I. TRANSPARENCY AND REPORTING – THE EARLY YEARS				
i. IIVA	NSPARENCI AND REPORTING - II	IL LANCI TEARS			
1.	_	I, how would you rate - in general - the transparency of the			
	OIL AND GAS COMPANIES?				
0	Not transparent at all, refused	Without citing a specific entity or particular entities, can			
	to give information	you please provide details of your answer?			
0	A little transparent, provided				
	less than the minimum sought				
	information				
0	Quite transparent, gave the				
	minimum information				
0	More transparent than				
	expected, reported more than enough information				
	Very transparent, was even				
0	pro-active in providing				
	information				
2.		, how would you rate - in general - the transparency of			
		CORPORATION AND OTHER COAL EXTRACTING			
	COMPANIES?				
0	Not transparent at all, refused	Without citing a specific entity or particular entities, can			
	to give information	you please provide details of your answer?			
0	A little transparent, provided				
	less than the minimum sought				
	information				
0	Quite transparent, gave the				
	minimum information				
0	More transparent than				
	expected, reported more than				
	enough information				
0	Very transparent, was even				
	pro-active in providing				
	information				
3.	•	, how would you rate - in general - the transparency of the			
	METALLIC MINING COMPANIES?				
0	Not transparent at all, refused	Without citing a specific entity or particular entities, can			
	to give information	you please provide details of your answer?			
0	A little transparent, provided				
	less than the minimum sought information				
0	Quite transparent, gave the				
	minimum information				
0	More transparent than				
	expected, reported more than				
	enough information				
0	Very transparent, was even				
	pro-active in providing				

	information	
_		
4.	4. In the <b>first three years</b> of PH-EITI, how would you rate - in general - the transparency	
	NON-METALLIC MINING COMPAN	
0	Not transparent at all, refused to	Without citing a specific entity or particular entities, can
	give information	you please provide details of your answer?
0	A little transparent, provided less	
	than the minimum sought	
	information	
0	Quite transparent, gave the	
	minimum information	
0	More transparent than expected,	
	reported more than enough	
	information	
0	Very transparent, was even pro-	
	active in providing information	
5.	In the <b>first three years</b> of PH-EITI, I	now would you rate - in general - the transparency of the
	SMALL-SCALE MINING (SSM) OPER	RATORS/ASSOCIATIONS/COOPERATIVES?
0	Not transparent at all, refused to	Without citing a specific entity or particular entities, can
	give information	you please provide details of your answer?
0	A little transparent, provided less	
	than the minimum sought	
	information	
0	Quite transparent, gave the	
	minimum information	
0	More transparent than expected,	
	reported more than enough	
	information	
0	Very transparent, was even pro-	

## II. TRANSPARENCY AND REPORTING - FOUR YEARS LATER

active in providing information

6.	<b>From the fourth to sixth year</b> of PH-EITI, how would you rate - in general - the transparency of the <b>OIL AND GAS COMPANIES</b> ?	
0	Not transparent at all, refused	Without citing a specific entity or particular entities, can
	to give information	you please provide details of your answer?
0	A little transparent, provided	
	less than the minimum sought	
	information	
0	Quite transparent, gave the	
	minimum information	
0	More transparent than	
	expected, reported more than	
	enough information	
0	Very transparent, was even	
	pro-active in providing	
	information	

7. From the fourth to sixth year of PH-EITI, how would you rate - in general - the transparency of SEMIRARA MINING AND POWER CORPORATION AND OTHER COAL EXTRACTING

# **COMPANIES**? Not transparent at all, refused Without citing a specific entity or particular entities, can to give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even pro-active in providing information 8. From the fourth to sixth year of PH-EITI, how would you rate - in general - the transparency of the METALLIC MINING COMPANIES? Not transparent at all, refused Without citing a specific entity or particular entities, can to give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even pro-active in providing information 9. From the fourth to sixth year of PH-EITI, how would you rate - in general - the transparency of the NON-METALLIC MINING COMPANIES? Not transparent at all, refused Without citing a specific entity or particular entities, can to give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even pro-active in providing information

10. From the fourth to sixth year of PH-EITI, how would you rate - in general - the transparency		
of the SMALL-SCALE MINING (SSM) OPERATORS/ASSOCIATIONS/COOPERATIVES?		
0	Not transparent at all, refused to	Without citing a specific entity or particular entities, can
	give information	you please provide details of your answer?
0	A little transparent, provided less	
	than the minimum sought	
	information	
0	Quite transparent, gave the	

reported more than enough information Very transparent, was even proactive in providing information III. TRANSPARENCY AND REPORTING - PERI-PANDEMIC 11. In this seventh year of PH-EITI (the year of the COVID-19 pandemic), how would you rate in general - the transparency of the OIL AND GAS COMPANIES? Not transparent at all, refused Without citing a specific entity or particular entities, can to give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even pro-active in providing information 12. In this seventh year of PH-EITI (the year of the COVID-19 pandemic), how would you rate in general - the transparency of **SEMIRARA MINING AND POWER CORPORATION AND OTHER COAL EXTRACTING COMPANIES?** Not transparent at all, refused Without citing a specific entity or particular entities, can you please provide details of your answer? to give information A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even pro-active in providing

minimum information

More transparent than expected,

13	13. In this seventh year of PH-EITI (the year of the COVID-19 pandemic), how would you rate -						
	in general - the transparency of the	METALLIC MINING COMPANIES?					
0	Not transparent at all, refused to	Without citing a specific entity or particular entities, can					
	give information	you please provide details of your answer?					
0	A little transparent, provided less						
	than the minimum sought						
	information						
0	Quite transparent, gave the						
	minimum information						
0	More transparent than expected,						
	reported more than enough						
	information						
0	Very transparent, was even pro-						

information

active in providing information 14. In this seventh year of PH-EITI (the year of the COVID-19 pandemic), how would you rate in general - the transparency of the NON-METALLIC MINING COMPANIES? Without citing a specific entity or particular entities, can Not transparent at all, refused to give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information o Very transparent, was even proactive in providing information 15. In this seventh year of PH-EITI (the year of the COVID-19 pandemic), how would you rate in general - the transparency of the SMALL-SCALE MINING (SSM) **OPERATORS/ASSOCIATIONS/COOPERATIVES?** Not transparent at all, refused to Without citing a specific entity or particular entities, can give information you please provide details of your answer? A little transparent, provided less than the minimum sought information Quite transparent, gave the minimum information More transparent than expected, reported more than enough information Very transparent, was even proactive in providing information

### IV. TRANSPARENCY AND REPORTING - ON GOVERNMENT AND ORE

1	16. In the first three years of PH-EITI, how do you rate the speed of various government						
		departments/agencies when it co	mes to reporting information?				
0	)	Non-responsive	Without citing a specific entity or particular entities, can				
0	)	Very slow, needed some follow-	you please provide details of your answer?				
		through (was followed up until					
		the sought-out action was					
		completed)					
0	)	Quite slow, certain follow-ups					
		were necessary but delivered					
		towards the end					
0	)	Just right, reported just before					
		the agreed-upon deadline					
0	)	Fast, reporting was instant with					
		very little or no following up					
1	7.	From the fourth to sixth year of I	PH-EITI, how do you rate the speed of various government				
		departments/agencies when it co	mes to reporting information?				
0	)	Non-responsive	Without citing a specific entity or particular entities, can				
0	)	Very slow, needed some follow-	you please provide details of your answer?				
		through (was followed up until					
		the sought-out action was					

	completed)
0	Quite slow, certain follow-ups
	were necessary but delivered
	towards the end
0	Just right, reported just before
	the agreed-upon deadline
0	Fast, reporting was instant with
	very little or no following up

10.	speed of various government departments (agencies when it comes to reporting						
	•	partme	ints/agenc	les when it comes to re	eporting		
			\\/ithout	citing a specific entity of	or narticular entities		
_	•		• , ,				
O	•		can you	piease provide details c	n your answer:		
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19.		-	EXITACTIVE	es (ORE) 1001 was launc	nea, now receptive -		
	-		\\/i+bou+	citing a specific entity	or particular optitios		
O	•	11011					
	•		can you please provide details of your answer!				
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20		a of DII	CITI stake	haldars was Navambar	0 2020 Kindly fill		
20.	•	g oi Pn-	·EIII Stake	noiders was November	8, 2020. Killuly IIII		
	iii the blanks below.						
		Numb	or in	How Many	How Many Did		
				•	So on the Day of		
		Datab	ase	'	the Deadline		
					Itself?		
Oil an	d Gas Companies	5		the Deathine!	ILSEII:		
	·	J					
	0 0 19. 0 20.	speed of various government de information?  Non-responsive Very slow, needed some followthrough (was followed up until t sought-out action was complete Quite slow, certain follow-ups w necessary but delivered towards end Just right, reported just before t agreed-upon deadline Fast, reporting was instant with little or no following up  19. When PH-EITI's Online Reporting in general - were the stakeholde Did not agree with it, of the opin that it is unnecessary Resisted but were later on in agreement Indifferent Supportive Encouraging, were/are helpful in further developing the tool	speed of various government department information?  Non-responsive Very slow, needed some follow-through (was followed up until the sought-out action was completed) Quite slow, certain follow-ups were necessary but delivered towards the end Just right, reported just before the agreed-upon deadline Fast, reporting was instant with very little or no following up  19. When PH-EITI's Online Reporting in the in general - were the stakeholders? Did not agree with it, of the opinion that it is unnecessary Resisted but were later on in agreement Indifferent Supportive Encouraging, were/are helpful in further developing the tool  20. The deadline for online reporting of PH-in the blanks below.  Numb Datab	speed of various government departments/agend information?  Non-responsive Very slow, needed some follow-through (was followed up until the sought-out action was completed) Quite slow, certain follow-ups were necessary but delivered towards the end Just right, reported just before the agreed-upon deadline Fast, reporting was instant with very little or no following up  19. When PH-EITI's Online Reporting in the Extractive in general - were the stakeholders? Did not agree with it, of the opinion that it is unnecessary Resisted but were later on in agreement Indifferent Supportive Encouraging, were/are helpful in further developing the tool  20. The deadline for online reporting of PH-EITI stake in the blanks below.  Number in Database	speed of various government departments/agencies when it comes to reinformation?  Non-responsive Very slow, needed some follow-through (was followed up until the sought-out action was completed) Quite slow, certain follow-ups were necessary but delivered towards the end Just right, reported just before the agreed-upon deadline Fast, reporting was instant with very little or no following up  19. When PH-EITI's Online Reporting in the Extractives (ORE) Tool was launc in general - were the stakeholders? Did not agree with it, of the opinion that it is unnecessary Resisted but were later on in agreement Indifferent Supportive Encouraging, were/are helpful in further developing the tool  20. The deadline for online reporting of PH-EITI stakeholders was November in the blanks below.  Number in Database Oil and Gas Companies  5		

## THANK YOU VERY MUCH FOR YOUR VALUABLE TIME AND INVALUABLE ASSISTANCE!

50

25

Corporation (please tick instead)
Metallic Mining Companies

Non-Metallic Mining Companies

Government Departments/Agencies

SSM Operators/Associations/Cooperatives (if applicable)

Chapter 3 Annexes

2. Raw Data and Computations

## MAQ vis-à-vis GDP (in million PHP)

	2013	2014	2015	2016	2017	2018	2019
Mining and Quarrying (MAQ)	126,453	143,880	119,626	125,898	148,094	163,322	161,656
Gross Domestic Product (GDP)	12,050,592	13,206,828	13,944,157	15,132,381	16,556,651	18,265,190	19,517,863
Share of MAQ to GDP	1.05%	1.09%	0.86%	0.83%	0.89%	0.89%	0.83%
Annual % Changes							
MAQ		13.78%	-16.86%	5.24%	17.63%	10.28%	-1.02%
GDP		9.59%	5.58%	8.52%	9.41%	10.32%	6.86%
Average Annual Growth Rate (AAGR)							
MAQ=	4.84%						
GDP=	8.38%						
Compounded Annual Growth Rate (CAGR)							
MAQ=	3.57%						
GDP=	7.13%						
N=	7						

## 2019 Gross Value Added in Mining and Quarrying, by Industry (at Current Prices, in million PHP)

		% Share		
Mining of coal	16,931	10.47%	Coal	10.47%
Extraction of crude petroleum and natural gas	37,303	23.08%	Oil and Gas	23.08%
Mining of precious metal ores	26,870	16.62%	Metallic Mining	35.35%
Mining of nickel ores	20,040	12.40%		
Mining of copper ores	10,228	6.33%		
Stone quarrying, and other mining and quarrying	50,284	31.11%	Non-Metallic Mining	31.11%
Gross Value Added in Mining and Quarrying	161,656			

# Number of Employed Persons by Total Hours Worked: July 2019

		% Share	
Philippines	42,951,883		
MAQ	210,961	0.49%	
Hours Worked			
Did not work	4,480	2.12%	
Under 20	14,345	6.95%	
20-29	18,004	8.72%	
30-39	18,802	9.11%	
40 and over	155,330	75.23%	
Total Working	206,481		

## 2019 Oil Production (in barrels)

		% Share
Nido	20,634	2.66%
Matinloc	1,542	0.20%
Galoc	744,449	95.92%
Alegria	9,468	1.22%
	776,093	



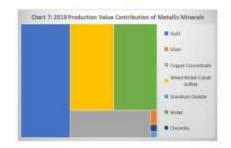
## 2019 Philippine Exports by Commodity Group (FOB in USD)

## Coal

lank			% Share
1	China	437,973,547	95.10%
2	Thailand	15,170,000	3.29%
3	Taiwan	5,057,500	1.10%
4	India	2,300,000	0.50%
5	South Korea	50,653	0.01%
		460.551.700	

#### 3019 Production Value Contribution of Metallic Minerals (in PHP)





Commodity  Commodity Description	of the Lo Market A London	xing Committee andon Bullion Association, 3 PM fixed 5\$ per troy	Copper Copper, grade A cathode, LME spot price, CIF European ports, US\$ per metric ton	Nickel Nickel, melting grade, LME spot price, CIF European ports, US\$ per metric ton		Cobalt, U.S. cathodes, spot
Data Type	USD		USD	USD		USD
Frequency	Monthly		Monthly	Monthly		Monthly
2000 100 100	N=		, manager		N=	, and the same of
1980M1	1	674.37	2,592.63	6,584.80		
1980M2	2	665.29	2,916.71	6,978.93		
1980M3	3	553.58	2,303.83	6,733.79		
1980M4	4	517.41	2,074.55	6,233.37		
1980M5	5	513.79	2,076.75	6,000.77		
1980M6	6	600.72	2,006.20	6,294.83		
1980M7	7	644.28	2,175.96	6,622.17		
1980M8	8	627.15	2,081.16	6,584.51		
1980M9	9	673.63	2,059.11	6,655.36		
1980M10	10	661,31	2,045.89	6,691.95		
1980M11	11	624.77	2,010.61	6,452.67		
1980M12	12	538.26	1,878.34	6,390.91	- 7	18,160.00
1981M1	13	557.39	1,876.13	6,403.77	2	18,160.00
1981M2	14	499.76	1,803.38	6,370.75	3	17,850.00
1981M3	15	499.11	1,816.61	6,292.43	4	18,250.00
1981M4	16	495.90	1,823.22	6,307.06	5	17,890.00
1981M5	17	479.70	1,746.06	6,352.16	6	16,330.00
1981M6	18	461.09	1,699.76	6,169.46	7	14,280.00
1981M7	19	409.07	1,682,12	6,150.34	8	12,250.00
1981M8	20	410.16	1,787.95	5,999.12	9	10,510.00
1981M9	21	443.75	1,706.38	5,579.06	10	9,690.00
1981M10	22	437.76	1,664.49	5,216.71	11	10,770.00
1981M11	23	413.37	1,651.28	5,100.25	12	12,680.00
1981M12	24	410.09	1,655.67	5,496.03	13	11,410.00
1982M1	25	384,14	1,613.78	5,628.90	14	11,410.00
1982M2	26	374.13	1,596.14	5,716.76	15	10,330.00
1982M3	27	330.25	1,512.37	5,653.36	16	9,690.00
1982M4	28	350.30	1,521.19	5,394.05	17	9,460.00
1982M5	29	333.71	1,530.01	5,211.84	18	8,650.00
1982M6	30	314.98	1,309.54	5,186.70	19	7,960.00
1982M7	31	338.97	1,439.62	5,068.58	20	7,070.00
1982M8	32	364.23	1,450.64	4,953.03	21	5,000.00
1982M9	33	437.31	1,424.18	4,310.30	22	4,850.00
1982M10	34	422.15	1,463.87	3,916.51	23	4,730.00
1982M11	35	414.89	1,444.03	3,433.66	24	4,970.00
1982M12	36	444.50	1,474.89	3,576.27	25	5,360.00
1983M1	37	481.29	1,574.10	3,796.96	26	5,810.00
1983M2	38	491.09	1,649.06	4,228.20	27	6,400.00
19B3M3	39	419.70	1,598.35	4,831.77	28	6,130.00
1983M4	40	432.68	1,675.51	4,817.79	29	5,930.00
1983M5	41	438.01	1,765.90	5,031.53	30	5,670.00
1983M6	42	412.84	1,701.97	4,883.16	31	5,790.00
1983M7	43	402.91	1,704.17	4,804.04	32	5,780.00
1983M8	44	416.24	1,640.24	4,852.76	33	5,670.00
1983M9	45	411.46	1,560.87	4,910.52	34	5,530.00
1983M10	46	393.21	1,435.21	4,674.15	35	5,850.00
1983M11	47	381.68	1,388.91	4,585.17	36	6,590.00
1983M12	48	388.34	1,415.37	4,657.00	37	6,950.00
1984M1	49	370.89	1,375.68	4,670.48	38	10,740.00
1984M2	50	385.96	1,428.59	4,639.91	39	11,280.00
1984M3	51	394.26	1,501.35	4,780.83	40	11,020.00
1984M4	52	381.37	1,532.21	4,911.41	41	11,190.00

1984M5	53	377.40	1,419.78	4,811.42	42	10,780.00
1984M6	54	377.67	1,364.68	4,773.23	43	11,080.00
1984M7	55	346.72	1,331.59	4,640.18	44	11,010.00
1984M8	56	347,68	1,338.20	4,736.07	45	11,040.00
1984M9	57	340.91	1,294.11	4,705.54	46	11,560.00
1984M10	58	340.17	1,272.07	4,750.29	47	11,530.00
1984M11	59	341.14	1,344.82	4,748.40	48	11,440.00
1984M12	60	320.16	1,320.57	4,858.98	49	11,520.00
1985M1	61	302.58	1,358.05	4,947.17	50	11,570.00
1985M2	62	298.82	1,388.91	5,050.79	51	11,610.00
1985M3	63	303.94	1,389.35	5,211.72	52	11,570.00
1985M4	64	325.27	1,501.35	5,489.50	53	11,530,00
1985M5	65	316.37	1,530.01	5,604.14	54	11,480.00
1985M6	66	316.49	1,433.00	5,553.44	55	11,450.00
1985M7	67	317.22	1,474.89	5,090.47	56	11,320.00
1985M8	68	329.88	1,419.78	4,907.48	57	11,320.00
1985M9	69	322.78	1,366.86	4,570.18	58	11,250.00
1985M10	70	325.84	1,384.50	4,239.48	59	11,150.00
1985M11	71	325.24	1,369.07	4,034.45	60	10,970.00
1985M12	72	321.72	1,391.12	4,089.57	61	10,630.00
1996M1	73	345.38	1,417.57	4,034.45	62	10,240.00
1986M2	74	339.20	1,404.34	3,988.16	63	9,730.00
1986M3	75	345.70	1,444.03	4,135.87	64	8,720.00
1986M4	76	340.44	1,433.00	4,085.16	65	6,890.00
1986M5	77	342,38	1,417,57	4,043.27	66	5,000.00
1986M6	78	342.72	1,413.16	4,087.37	67	3,990.00
1986M7	79	348.77	1,344.82	3,911.00	68	5,660.00
1986M8	80	376.60	1,302,93	3,807.38	69	5,750.00
1986M9	81	418.97	1,309.54	3,723.60	70	5,650.00
1986M10	82	423.53	1,316.18	3,644.24	71	6,380.00
1986M11	83	397.55	1,302.93	3,642.03	72	6,290.00
1986M12	84	390.92	1,331.59	3,562,67	73	6,290.00
1987M1	85	408.26	1,344.82	3,525.19	74	6,280.00
1987M2	86	401.12	1,380.09	3,716.99	75	6,230.00
1987M3	87	408.91	1,463.87	3,772.10	76	6,290.00
1987M4	88	438.35	1,483.71	3,897.77	77	6,630.00
1987M5	89	460.83	1,518.98	4,435.70	78	6,880.00
1987M6	90	449.59	1,571.89	4,435.70	79	6,620.00
1987M7	91	450.52	1,693,15	4,753.16	80	6,810.00
1987M8	92	461.15	1,754.88	5,306.52	81	6,780.00
1987M9	93	460.35	1,809.99	5,332.98	62	6,670.00
1987M10	94	465.36	1,966.52	5,692.33	83	6,550.00
1987M11	95	467.57	2,519.88	5,937.04	84	6,670.00
1987M12	96	486.24	2,866.01	7,661.05	85	7,050.00
1988M1	97	476.58	2,660.98	8,073.32	86	6,980.00
19BBM2	98	442.87	2,328.08	8,666.36	87	6,880.00
1988M3	99	443.35	2,358.94	15,498.27	88	7,030.00
1988M4	100	451.55	2,283.99	18,011.75	89	7,030,00
1988M5	101	451.07	2,442.72	17,024.08	90	7,030.00
1988M6	102	451.37	2,539.72	15,588.87	91	7,040.00
1988M7	103	437.63	2,213.44	14,592.38	92	7,040.00
1988M8	104	431.26	2,200.21	14,186.73	93	7,110.00
1988M9	105	413.41	2,433,90	11,878.49	94	7,120.00
1988M10	106	406.78	2,936.55	11,558.62	95	7,370.00
1988M11	107	420.46	3,302.52	13,342,36	96	7,490.00
1988M12	108	419,44	3,496.53	16,920.46	97	7,530.00
1989M1	109	404.01	3,392.91	17,725.14	98	7,680.00
1989M2	110	387.51	3,095.29	18,582.47	99	7,580.00
1989M3	111	389.50	3,262.84	17,156.35	100	7,590.00

1989M4	112	384.42	3,117.33	15,261.50	101	7,640.00
1989M5	113	371.05	2,738.14	13,454.00	102	7,700.00
1989M6	114	367.57	2,544.13	12,143.00	103	7,630.00
1989M7	115	374.98	2,503.79	12,275.00	104	7,600.00
1989M8	116	365.10	2,760.18	12,910.00	105	7,750.00
1989M9	117	361.78	2,883.64	11,222.00	106	7,750.00
1989M10	118	367.02	2,859.39	10,425.00	107	7,610.00
1989M11	119	392.36	2,590.43	9,793.00	108	7,640.00
1989M12	120	409.72	2,418,47	8,809.00	109	7,630.00
1990M1	121	409.82	2,365.58	7,056.00	110	7,680.00
1990M2	122	417.18	2,358.94	6,977.00	111	8,030.00
1990M3	123	392,70	2,625.70	9,267.00	112	8,230.00
1990M4	124	374.29	2,685.23		113	8,150.00
1990M5	125	369.20	2,740.34	8,698.00	114	8,140.00
1990M6	126	352.53	2,583.81	8,422.00	115	9,110.00
1990M7	127	362.50	2,769.00	9,318.00	116	11,700.00
1990M8	128	394,63	2,956.40		117	12,420.00
1990M9	129	389.76	3,040.17		118	13,530.00
1990M10	130	381,00	2,742,55	9,145.00	119	12,630.00
1990M11	131	381.79	.2,583.81	8,587.00		13,930.00
1990M12	132	376.68	2,484.61	8,158.00	121	15,690.00
1991M1	133	383.70	2,447.13		122	14,840.00
1991M2	134	364.39	2,447,13		123	14,840.00
1991M3	135	362.76	2,409.65	8,700.00	124	14,840.00
1991M4	136	350.32	2,471.38		125	14,330.00
1991M5	137	356.96	2,340.42	8,499.61	126	13,290.00
1991M6	138	366.91	2,218.07	8,296.50	127	12,880.00
1991M7	139	367,79	2,231,26	8,515.20	128	13,370.00
1991M8 1991M9	140	356.57	2,236.19	8,154.75		14,960.00
	141	348.74	2,318,58		130	17,625.00
1991M10	142 143	358.81	2,360.65		131	24,380.00
1991M11 1991M12	144	369.59 361.53	2,375,66	7,258.50 7,140.26	132	30,580.00
1992M1	145	354.70	2,150.58	7,531.14	134	28,250.00
1992M2	146	353.78	2,208.89	7,888.00	135	28,330.00
1992M3	147	344.16	2,231.79		136	27,020.00
1992M4	148	338.69	2,214.17		137	26,500.00
1992M5	149	337.10	2,219.32	7,333.95	138	24,750.00
1992M6	150	341.02	2,296.44		139	21,670.00
1992M7	151	352.25	2,527.29	7,516.17	140	19,630.00
1992M8	152	342.89	2,513,47	7,279.75		18,781.25
1992M9	153	345.01	2,419.61	6,918.57	142	15,350.00
1992M10	154	344.89	2,262.46		143	16,312.50
1992M11	155	335.05	2,161.79	5,593.71	144	15,875.00
1992M12	156	334.81	2,211.95		145	15,505.00
1993M1	157	329.03	2,264.21	5,948.10	146	15,958.33
1993M2	158	329.30	2,212.18	6,050.75		16,125.00
1993M3	159	330.10	2,152.38	5,974.91		15,275,00
1993M4	160	342.06	1,953.62	5,987.50		14,800.00
1993M5	161	366,67	1,799.35	5,777.79		13,687.50
1993M6	162	371.81	1,857.87	5,544.32	151	12,875.00
1993M7	163	392.40	1,927.34	5,051.18	152	12,175.00
1993M8	164	378.70	1,951.07	4,740.48	153	12,333.33
1993M9	165	354.40	1,858.25	4,376.05	154	12,216.67
1993M10	166	362,38	1,647.00	4,464.86		11,650.00
1993M11	167	374.17	1,632.57	4,642.27		13,400.00
1993M12	168	383.30	1,723.63	5,139.80		20,750.00
1994M1	169	387.08	1,807.07	5,584.05	158	21,166.67

1994M3	171	383.88	1,913.17	5,590.43 160	24,875.00
1994544	172	377.32	1,881.37	5,400.26 161	23,562.50
1994M5	173	381.59	2,144.50	6,082.86 162	24,375.00
1994M6	174	385.74	2,363.09	6,287.05 163	23,525.00
1994M7	175	385.40	2,447.24	6,230.57 164	22,437.50
1994M8	176	380.76	2,409.75	5,856.14 165	25,600.00
1994M9	177	391.93	2,504.84	6,370.68 166	27,333.33
1994M10	178	389.59	2,546.02	6,735.86 167	26,687.50
1994M11	179	384.44	2,803.55	7,474.55 168	29,250.00
1994M12	180	379.40	2,980.70	8,540.65 169	30,375.00
1995M1	181	378,55	3,003.26	9,596.19 170	30,000.00
1995MZ	182	376.51	2,870.45	8,431.25 171	28,437.50
1995M3	183	381.66	2,919.67	7,522.39 172	27,937.50
1995M4	184	391,04	2,894.89	7,405.00 173	29,000.00
1995M5	185	385.22	2,771.57	7,262.38 174	27,850.00
1995M6	186	387.49	2,987.68	7,877.27 175	27,400.00
1995M7	187	386.24	3,076.45	8,618.00 176	28,812.50
1995M8	188	383.70	3,040.14	8,931.82 177	29,045.00
1995M9	189	383.22	2,910.43	8,397.25 178	29,187.50
1995M10	190	383.07	2,810.07	8,068.86 179	30,875.00
1995M11	191	385.68	2,981.62	8,498.10 180	31,675.00
1995M12	192	387.56	2,918.21	8,074.21 181	31,750.00
1996M1	193	400.07	2,605,00	7,870.71 182	31,125.00
1996M2	194	404.48	2,544.67	8,198.50 183	29,350.00
1996M3	195	396.33	2,563.35	8,046.40 184	28,375.00
1996M4	196	393.14	2,594.17	8,047.00 185	
1996M5	197	391.94	2,658.76	8,042.86 186	26,062.50
1996M6	198	385.27	2,177.60	7,713.16 187	22,687.50
1996M7	199	383.59	1,983.93	7,202.51 188	
1996M8	200	387.47	.2,017.88	7,037.62 189	
1996M9	201	382.96	1,935.07	7,329.81 190	
1996M10	202	381.07	1,960.20	7,028.70 191	
1996M11	203	378.52	2,215.43	6,960.71 192	
1996M12	204	368.98	2,264.60	6,571.05 193	
1997M1	205	355.20	2,427.27	7,069.14 194	
1997M2	206	346.71	2,406.63	7,736.58 195	
1997M3	207	351.81	2,420.18	7,893.21 196	
1997M4	208	344.58	2,389,32	7,313.14 197	
1997M5	209	343.70	2,513.30	7,476.00 198	
1997M6	210	340.45	2,611.29	7,060.00 199	
1997M7	211	324.09	2,449.20	6,832.74 200	
1997M8	212	324.05	2,250.10	6,764.45 201	
1997M9	213	324.48	2,104.31	6,498.29 202	
1997M10 1997M11	214	323.88	2,050.70	6,373.48 203	
Self-Carlotte	215	305.35	1,918.50	6,137.25 204	
1997M12	216 217	287.62	1,761.45	5,942,38 205	
1998M1		289.50	1,687.60	5,489.00 206	
1998M2	218	297.46	1,664.00	5,367.25 207	
1998M3	219	295.95	1,747.16	5,397.05 206	
1998M4 1998M5	220	308.29	1,800.13	5,391.00 209	
1998M6	221 222	298.98	1,731.86 1,656.60	5,016.84 210 4,456.90 211	
		292.54			
1998M7	223	292.75 284.11	1,655.67	4,332,62 212	
1998M8 *998M9	224 225		1,619.93	4,078.00 213	
1998M9 1998M10		288.98	1,646,77 1,686,60	4,100.91 214 3,870.45 215	
1998M10 1998M11	226 227	295.71 293.72	1,585.50	3,870.45 215 4,117.25 216	
1998M12	228	293.72	1,573.72	3,865.76 217	
1999M1					
19998(1)	229	286.94	1,432.00	4,264.00 218	18,083.33

1999M2	230	287.66	1,412.95	4,623.25	219	18,525.00
1999M3	231	286.21	1,378.48	5,002.95	220	16,350.00
199944	232	282.62	1,463.73	5,054.75	221	16,112.50
1999M5	233	276.91	1,510.45	5,395.79	222	20,581.25
19996/6	234	261.31	1,422.16	5,194.77	223	20,100.00
1999M7	235	256.69	1,639.18	5,696.36	224	19,000.00
1990M8	236	256.91	1,646.74	6,431.43	225	18,350.00
1999M9	237	264.31	1,749.68	7,029.09	226	15,666.67
1999M10	238	310.78	1,723.29	7,317.62	227	14,000.00
1999M11	239	293.18	1,726.77	7,946.82	228	14,200.00
1999M12	240	282.95	1,764.88	8,073.24	229	14,437.50
2000M1	241	284,07	1,843.85	8,315.25	230	14,093.75
2000M2	242	299.72	1,807.03	9,583.75	231	15,225.00
2000M3	243	286.92	1,739.80	10,255.40	232	16,218.75
2000M4	244	279.65	1,681.91	9,746.50	233	16,543.48
2000M5	245	276.74	1,785.10	10,122.91	234	14,977.27
2000M8	246	285.73	1,752.07	8,384.32	235	13,071.43
2000M7	247	281,59	1,803.14	8,174.81	236	13,934.78
2000M8	248	274.43	1,857.12	8,038.43	237	15,029.76
2000M9	249	273.53	1,961.89	8,624.81	238	16,681.82
2000M10	250	269.93	1,894,37	7,650.64	239	18,000.00
2000M11	251	266.30	1,795.60	7,350.59	240	16,000.00
2000M12	252	271.45	1,852.40	7,318.80	241	13,500.00
2001M1	253	265.49	1,787.06	6,975.91	242	13,900.00
2001M2	254	262,09	1,766.13	6,546.80	243	14,272.73
2001M3	255	263.03	1,742.16	6,165.18	244	14,119.05
2001M4	256	260,33	1,665.97	6,363.11	245	10,908.70
2001M5	257	272.09	1,684.85	7,086.48	246	10,814.29
2001M6	258	270.20	1,610.47	6,674.33	247	10,293.18
2001M7	259	267.53	1,526.77	5,962.55	248	9.681.52
2001M8	260	272.09	1,466.41	5,525.64	249	9,312.50
2001M9	261	284.47	1,427.70	5,057.65	250	8,250.00
2001M10	262	282.27	1,377.38	4,830.78	251	8,250.00
2001M11	263	277.18	1,434.29	5,131.32	252	7,592.66
2001M12	264	275.84	1,472.85	5,315.82	253	6,950.00
2002M1	265	281.00	1,508.23	6,061.36	254	6,950.00
2002M2	266	295.29	1,561.37	6,039.95	255	6,765.48
2002M3	267	294.05	1,607.39	6,543.20	256	6,625.00
2002554	268	302.68	1,588.57	6,956.81	257	6,684.78
2002M5	269	314,49	1,597.02	6,771.18	258	6,706.25
2002M6	270	321.18	1,650.59	7,147.61	259	6,788.04
2002M7	271	313.29	1,588.28	7,137.70	260	6,613.54
2002M8	272	310.28	1,482.92	6,736.86	261	6,685.71
2002M9	273	319.14	1,478.93	6,664.95	262	6,188.04
2002M10	274	316.56	1,486.17	6,818.91	263	6,185.71
2002M11	275	320.44	1,581.04	7,314.81	264	6,551.14
2002M12	276	332.04	1,592.96	7,206.33	265	13,724.80
2003M1	277	356.86	1,650,31	8,032.81	266	14,426,48
2003M2	278	358.97	1,682.15	8,607.90	267	16,688.54
2003M3	279	340.55	1,655.69	8,339.62	268	16,924.46
2003M4	280	328.18	1,587.87	7,930.53	269	17,937.89
2003M5	281	355.68	1,651.10	8,347.73	270	19,538.03
2003M6	282	356.35	1,685.11	8,839.02	271	19,581.40
2003M7	283	351.02	1,712.83	8,831.70	272	19,234.44
2003M8	284	359.77	1,756.73	9,359.88	273	18,828.78
2003M9	285	378.95	1,789.67	9.995.77	274	19.552.10
2003M10	286	378.92	1,925.58	11,040.28	275	25,581.51
2003M11	287	389.91	2,053.28	12,052.38	276	34,005.51
2003M12	288	406.95	2,202.04	14,185.21	277	49,222.59

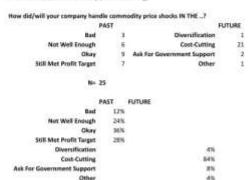
2004M1	289	413.79	2.421.48	15.089.33 278	49,818.73
2004M2	290	404.88	2,751.72	15,099.35 279	50,171.15
2004M3	291	406.67	3,000.28	13,786.54 280	48,601.61
2004M4	292	403.26	2,926.98	12,725.90 281	46,839.23
2004M5	293	383.78	2,728.46	11,228.61 282	46,214.59
2004M6	294	392.37	2,689.05	13,599.36 283	45,381.65
2004M7	295	398.09	2,816.80	15,020.07 284	43,829.22
2004M8	296	400.51	2.844.20	13,639.62 285	42,959.85
2004M9	297	405.28	2,903.17	13,430.36 286	40,463.89
2004M10	298	420.46	3,009.40	14,378.48 287	31,063.64
2004M11	299	439.38	3,130.31	14,089.51 288	32,403.36
2004M12	300	442.08	3,139.79	13,764.98 289	34,645.42
2005M1	301	424.03	3,168.10	14,583.75 290	33,487.84
2005M2	302	423.35	3,247,10	15,415.50 291	30,406.81
2005M3	303	434.32	3,378.90	16,239.90 292	32,460.45
2005M4	304	429.23	3,389.81	16,138.33 293	29,070.72
2005M5	305	421.87	3,241.90	17,002.25 294	26,714.33
2005M6	306	430.66	3,529.73	16,113.18 295	25,135.32
2005M7	307	424.48	3,608.48	14,587.60 296	29,046.21
2005M8	308	437.93	3,791.91	14,962.00 297	29,206.51
2005M9	309	458.05	3,850.66	14,154.55 298	25,262.83
2005M10	310	469.90	4,056.17	12,431.12 299	25,066.68
2005M11	311	476.67	4,278.16	12,235.05 300	26,867.50
2005M12	312	510.10	4,577.03	13,490.45 301	25,742.30
2006M1	313	549.86	4,743.86	14,660,81 302	23,816.45
2006M2	314	555.00	4,974.98	14,974.50 303	25,487.89
2006M3	315	557.09	5,123.67	14,925.48 304	28,037.83
2006M4	316	610.65	6,404.44	18,028.89 305	28,344.52
2006M5	317	675.39	8,059.19	21,131.33 306	26,557.02
2006M6	318	596.15	7,222.77	20,585.91 307	26,079.91
2006M7	319	633.71	7,726.74	26,185.71 308	31,604.26
2006M8	320	632.59	7,690.25	30,488.86 309	35,804.25
2006M9	321	598.19	7,822.64	29,702.62 310	34,671.08
2006M10	322	585.78	7,497.41	32,551.14 311	36,271:36
2006M11	323	627.83	7,029.30	31,891.59 312	52,650.76
2006M12	324	629.79	6,680.97	34,400.53 313	47,896.25
2007M1	325	631,17	5,689.34	36,821.59 314	48,680.27
2007M2	326	864.75	5,718,15	41,078.25 315	55,929,12
2007M3	327	654.90	6,465.30	46,125.23 316	57,833.44
2007M4	328	679.37	7,753.34	49,956.58 317	54,685.37
2007M5	329	666.86	7,677.95	51,783.33 318	52,152.01
2007M6	330	655.49	7,514.24	41,551.67 319	49,984.32
2007M7	331	665.30	7,980.93	33,400.23 320	46,381.59
2007M8 2007M9	332	665.41	7,500.20	27,649.64 321	52,218.59
	333	712.65	7,671.35	29,548.40 322	54,467.58
2007M10	334	754.60	8,020.59	31,156.00 323	59,468.67 72,600.81
2007M11	335	806.25	6,957.43	30,505.64 324	100000000000000000000000000000000000000
2007M12	336	803.20	6,630.74	26,053.56 325	83,037.81
2008M1 2008M2	337 338	889.60	7,078.91	27,774.77 326 28,064.95 327	91,011.23
2008M3	339	922.30 968.43	7,941.14 8,434.32	31,093.05 328	95,022.92 92,483.82
2008M4	340	909.70	8,714.18	28,776.82 329	88,923.57
2008M5	341	888.66	8,356.13	25,656,50 330	84,657.57
2008M6	342	889.49	8,292.00	22,562.57 331	74,009.38
2008M7	343	939.77	8,407.02	20,106.96 332	50,482.28
2008M8	344	839.03	7,633.80	19,111.80 333	58,288.82
					62,763.44
2008M9	(547)				
2008M9 2008M10	345 346	829.93 806.62	6,975.11 4,894.89	17,781.86 334 12,144.87 335	41,394,17

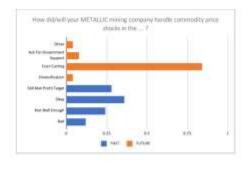
2008M12	348	816.09	3,105.10	9,846.93	30,71	7.55
2009M1	349	858.69	3,260.36	11,562.95	30,60	1.63
2009M2	350	943.16	3,328.41	10,410.75	39 26,49	4.92
2009M3	351	924.27	3,770.88	9,710.73	40 29,16	5.11
2009644	352	890.20	4,436.93	11,331.60	41 29,79	6.95
2009M5	353	928,64	4,591.46	12,720.08	42 27,44	7.08
2009M6	354	945.67	5,015.43	14,944.36	43 31,91	6.30
2009M7	355	934.23	5,228.41	16,017.39	44 35,06	4.37
2009M8	356	949.38	6,176.88	19,375.93	45 35,72	6.74
2009M9	357	996.59	6,195.75	17,404.64	46 32,31	2.21
2009M10	358	1,043.16	6,305.99	18,489.48	47 37,96	0.59
2009M11	359	1,127.04	5,682,44	16,911.33	48 37,85	5.05
2009M12	360	1,134.72	6,976.98	17,121.62	49,70	2.42
2010M1	361	1,117.96	7,367.38	18,405.55	50 41,50	10.8
2010M2	362	1,095.41	6,867.68	19,060.55	51 37,41	
2010M3	363	1,113.34	7,466.93	22,467.17		
2010M4	364	1,148.69	7,729.84		153 40,47	
2010M5	365	1,205.43	6,843.16	21,930.00		
2010M6	366	1,232.92	6,501.50		55 38,06	
2010M7	367	1,192.97	6,750.57	19,548.52		
2010M8	368	1,215.81	7,302.67		57 41,18	
2010M9	369	1,270.98	7,729.59	22,690.14		
2010M10	370	1,342.02	8,289.76	######################################	59 37,10	
2010M11	371	1,369.89	8,458.42	22,836.23		
2010M12	372	1,390.55	9,152.86	24,099.57		
2011M1	373	1,356.40	9,533.20		62 39,77	
2011M2	374	1,372.73	9,880.94	28,412.18		
2011M3	375	1,424.01	9,503.36		64 37,02	
2011M4	376	1,473.81	9,482.75	26,332.17		
2011M5	377	1,510,44	8,931.68		66 36,01	
2011M6	378	1,528.66	9,066.85		67 35,11	
2011M7	379	1,572,81	9,650,46	23,847,95		
2011M8 2011M9	380 381	1,755.81	8,997.99		69 34,52	
2011M9 2011M10	382	1,771.85 1,665.21	8,300.14 7,384.19	20,377.59 19,039.05	70 30,60 71 28,69	
2011M10	383	1,738.98	7,581.02	17,873.00		
2011M12	384	1,652.31	7,558.88		73 33,00	
2012M1	385	1,656.12	8.061.92	19,908.62		
2012M2	386	1,742.62	8,441.49	20,393.67	48 (511) T	
2012M3	387	1,673.77	8,470.78		76 30,79	
2012M4	388	1,650.07	8,285.53	17,892.82		
2012M5	389	1,585.50	7,896.91		78 28,83	
2012M6	390	1,596.70	7,428.29		79 28,39	
2012M7	391	1,593.91	7,584.26		80 29,05	
2012M8	392	1,626.03	7,510.43		81 29,22	
2012M9	393	1,744.45	8,087.74	17,287.96		
2012M10	394	1,747.01	8,062,03	17,168.74		
2012M11	395	1,721.14	7,711.23	16,335.36		
2012M12	396	1,688.53	7,966.49	17,448.50		
2013M1	397	1,670.95	8,053.74	17,494.07	86 25,44	1.33
2013M2	396	1,627.59	8,060,93	17,690.10		
2013M3	399	1,592.86	7,652.38	16,731.70		
2013M4	400	1,485.08	7,221.16	15,629,31	89 27,98	4.38
2013M5	401	1,413.50	7,248.71	14,948.23		7.54
2013M6	402	1,342.36	7,000.24	14,280.28		
2013M7	403	1,286.72	6,906.64	13,750.32		
2013M8	404	1,347.10	7,186.25	14,308.26		
2013M9	405	1,348.80	7,159.27	13,801,39	94 27,03	7.96
2013M10	406	1,316.18	7,203.02	14,117.65	95 26,17	2.48

2013M11	407	1,275.82	7,070.65	13,684.01	396	26,587.78
2013M12	408	1,225.40	7,214.90	13,924.55	397	28,134.57
2014M1	409	1,244.80	7,291.47	14,101.25	398	31,081.85
2014M2	410	1,300.98	7,149.21	14,203.55	399	30,899.43
2014M3	411	1,336.08	5,650.04	15,678.10	400	29,771.85
2014M4	412	1,299.00	6,673.56	17,373.60	401	29,993.23
2014M5	413	1,287.53	6,891,13	19,401.08	402	30,458.60
2014M6	414	1,279.10	6,821,14	18,628.81	403	31,697.20
2014M7	415	1,310.97	7,113.38	19,117.65	404	32,341.56
2014M8	416	1,295.99	7,001.84	18,600.20	405	32,350.74
2014M9	417	1,238.82	6,872.22	18,034.80	406	31,142.42
2014M10	418	1,222.49	5,737.4B	15,812.37	407	30,752.14
2014M11	419	1,176.30	6,712.85	15,807.05	408	30,945.21
2014M12	420	1,202.29	6,446.45	15,962.05	409	30,749.48
2015M1	421	1,251.85	5,830.54	14,849.19	410	29,155.38
2015M2	422	1,227.19	5,729.28		411	27,568.78
2015M3	423	1,178,63	5,939.67		412	28,827.28
2015M4	424	1,197.91	6,042.09	12,830.93		30,066.58
2015M5	425	1,199.05	6,294,78		414	30,650.39
2015M6	426	1,181.50	5,833.01	12,825.23		31,579.87
-2015M7	427	1,130.04	5,456.75	11,413.10		29,243,95
2015M8	428	1,117.48	5,127.30	10,386.00		27,714.31
2015M9	429	1,124.53	5,217.25		418	27,499.05
2015M10	430	1,159.25	5,216.09	10,316,83		24,413.70
2015M11	431	1,085.70	4,799,90	9,244.33		23,951.18
2015M12	432	1,068.25	4,638.83	8,707.79	421	23,134.60
2016M1	433	1,097.38	4,471.79	7579HV6	422	22,275.88
2016M2	434	1,199.91	4,598.62		423	22,982.52
2016M3	435	1,246.34	4,953.80	8,717.25		23,000.50
2016M4	436	1,242.26	4,872.74	\$500000	425	23,413.63
2016M5	437	1,259.40	4,694.54		426	23,692.73
2016M6	438	1,276.40	4,641.97		427	25,085.52
2016M7 2016M8	439 440	1,337.33	4,864.90	10,262.86	428	26,296.59
2016M9	441	1,341.09	4,751.67 4,722.20		429 430	26,625.00 28,205.67
2016M10	442	1,286.57	4,731.26	10,259.74		29,258.41
2016M11	443	1,235.98	5,450.93	11,128.91	432	31,589.38
2016M12	444	1,151.40	5,660.35	10,972.28	433	34,720.38
2017M1	445	1,192.62	5,754.56		434	43,005.00
2017M2	446	1,234.36	5,940.91	10,643.30	435	52,765.22
2017M3	447	1,231,09	5,824.63		436	55,305.58
2017M4	448	1,265.63	5,683.90		437	54,941.94
2017M5	449	1,245.00	5,599.56	9,155.12		57,449.45
2017M6	450	1,260.26	5,719.76		439	58,548.90
2017M7	451	1,236.22	5,985.12		440	58,485.14
2017M8	452	1,282.32	6,485.63		441	60,128.50
2017M9	453	1,314.98	8,577.17	11,215.79		59,905.86
2017M10	454	1,279.51	6,807,60	11,335.77		62,118.05
2017M11	455	1,282.28	6,826.55	11,972.00		72,632.05
2017M12	456	1,261.26	6,833.89	11,495.11		77,293.52
2018M1	457	1,331,67	7,065.85	12,864.88	446	80,792.60
2018M2	458	1,331.53	7,006.53	13,595.88		87,614.90
2018M3	459	1.324.66	6,799.18	13,392.50		90,782.50
2018M4	460	1.334.74	6,851.51	13,938.10		90,250.00
2018M5	461	1,303.03	6,825.27	14,366.49		81,188.10
2018M6	462	1,281.57	6,965.86	15,105.65		70,647.73
2018M7	463	1,238.53	6,250.75	13,793.86		63,302.30
2018M8	464	1,201.25	8,051.05	13,411,35		62,210.33
2018M9	465	1,198.47	6,050.76	12,510.35	454	60,626.78

Compounded Monthly G	irowth Rate	0.1633%	0.0577%	0.0122%		0.1223%
Commodity	Gold	Copper	Nickel		Cobalt	
2019M12	480	1,478.04	6,077.06	13,829.43	469	32,213.02
2019M11	479	1,470.02	5,859.95	15,171.81	468	33,547.46
2019M10	478	1,494.80	5,757.30	17,046,22	467	35,510.17
2019M9	477	1,511.31	5,759.25	17,656.88	466	35,263.09
2019M8	476	1,498.80	5,709.44	15,748.64	465	35,720.43
2019M7	475	1,412.98	5,941.20	13,546.30	464	30,136.57
2019M6	474	1,359.04	5,882.23	11,943.94	463	27,340.33
2019M5	473	1,283.95	6,017.90	12,016.31	462	28,809.00
2019/4	472	1,286.45	6,438.36	12,772.79	461	34,166.67
2019M3	471	1,300.90	6,439.46	13,026.27	460	23,500.00
2019M2	470	1,320.07	5,300.49	12,685.23	459	31,333.33
2019M1	469	1,291.75	5,939.10	11,523.09	458	32,100.00
2018M12	468	1,247.92	6,075.32	10,835.08	457	40,704.55
2018M11	467	1,220.95	6,195.92	11,239.72	456	55,263.16
2018M10	466	1,215.39	6,219.59	12,314.91	455	54,962.93

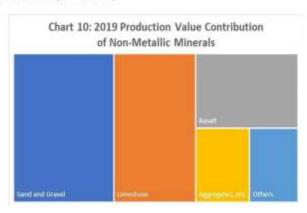
### Ex-Pandemic Qualitative Survey (Metallic Mining)





## 2019 Production Value Contribution of Non-Metallic Minerals (in million PHP)

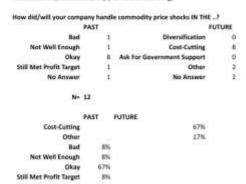
		% Share
Sand and Gravel	3,180.81	35.30%
Limestone	2,587.27	28.71%
Basalt	1,626.99	18.06%
Aggregates, etc.	852.17	9.46%
Others	763.04	8.47%
	9 010 28	

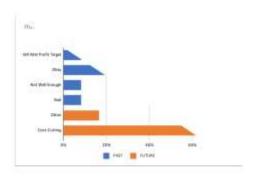


## Annual Commodity Prices of Select Non-Metallic Minerals (in USD per ton)

	SAND AND GRAVEL	LIMESTONE	SILICA (for basalt)
1991	3.96	5.15	16.81
1992	4.01	5.31	17.24
1993	4.06	5.3	17.33
1994	4.2	5.39	17.86
1995	4.3	5.36	17.82
1996	4.38	5.4	17.88
1997	4.47	5.64	17.93
1998	4.57	5.39	18.19
1999	4.73	5.35	18.64
2000	4.81	5.39	19.58
2001	5.02	5.57	20.64
2002	5.07	5.71	20.98
2003	5.16	5.93	22.14
2004	5.32	6.08	23.06
2005	5.86	7.29	24.57
2006	6.47	8.03	26.26
2007	7.06	8.58	27.64
2008	7.44	9.36	30.82
2009	7.51	9.73	34.25
2010	7.3	9.57	35.63
2011	7.49	9.6	45.74
2012	7.65	9.73	52.8
2013	7.76	9.94	55.8
2014	8.04	10.19	74.8
2015	8.28	10.49	47.3
2016	8.41	11.06	35.4
2017	8.83	11.45	52
2018	9.14	11.64	56.4
2019	9.32	11.96	47.3

### Ex-Pandemic Qualitative Survey (Non-Metallic Mining)





Commodity	Crude Oil Crude Oil (pe Price index, 2		Natural Gas Natural Gas Pri	ce Index.	Coal	
Commodity Description	simple avera spot prices; Brent, West 1 Intermediate, Dubai Fateh	ge of three Dated Texas	2016 = 100, inc European, Japa and American I Gas Price Indic	ludes inese, Natural	100, include	Index, 2016 = es Australian African Coal
Data Type	Index		Index		Index	
Frequency	Monthly		Monthly		Monthly	
	N=	N	# 1000 VIII VIII VIII VIII VIII VIII VIII	N=		
1990M1					1	51
1990M2					2	51
1990M3					3	51
1990M4					4	51
1990M5					5.	54
1990M6					5	55
1990M7					7	55
1990M8					8	55
1990M9					9	55
1990M10				1	0	55
1990M11				1	1	55
1990M12				1	2	55
1991M1	1	52		1	3	55
1991M2	2	42		1	4	55
1991M3	3	43		1	5	52
1991M4	4	44		1	5	52
1991M5	5	45		.1	7	52
1991M6	6	44		1	В	52
1991M7	7	47		1	9	52
1991M8	8	47		2	0	52
1991M9	9	48		2	t	52
1991M10	10	51		2	2	52
1991M11	11	48		2	3	52
1991M12	12	41		2	4	52
1992M1	13	40	1	55 2	5	52
1992M2	14	41	2	50 2	6	52
1992M3	15	41	3	51 2	7	52
1992M4	16	44	4	52 2	8	52
1992M5	17	46	5	55 2	9	52
1992M6	18	48	6	56 3	0	51
1992M7	19	45	7	58 3	t	49
1992M8	20	44	8	62 3	2	49
1992M9	21	45	9	64 3	3	49
1992M10	22	45	10	68 3	4	48
1992M11	23		11	66 3		46
1992M12	24		12	65 3		46
1993M1	25		13	63 3		46
1993M2	26		14	60 3		43
1993M3	27		15	66 3		43
				68 4		43
1993M4						
1993M4 1993M5	28 29		16	65 4		43

1993M7	31	38 1	9	64	43	43
1993M8	32	38 2	0	67	44	43
1993M9	33	36 2	1	65	45	43
1993M10	34	38 2	2	62	46	43
1993M11	35	35 2	3	65	47	43
1993M12	36	31 2	4	62	48	43
1994M1	37	33 2	5	63	49	43
1994M2	38	32 2	6	68	50	43
1994M3	39	32 2	7	60	51	42
1994M4	40	35 2	8	58	52	42
1994M5	41	38 2	9	57	53	43
1994M6	42	39 3	0	58	54	46
1994M7	43	40 3	1	59	55	46
1994M8	44	38 3	2	56	56	46
1994M9	45	36 3	3	54	57	46
1994M10	46	36 34	4	54	58	47
1994M11	47	38 3	5	54	59	47
1994M12	48	36 3	6	56	60	51
1995M1	49	37 3	7	55	61	53
1995M2	50	38 3	8	56	62	54
1995M3	51	37 3	9	57	63	54
1995M4	52	39 4	0	59	64	54
1995M5	53	38 4	1	59	65	55
1995M6	54	36 4	2	60	66	56
1995M7	55	33 4	3	57	67	57
1995M8	56	35 4	4	57	68	57
1995M9	57	37 4	5	58	69	57
1995M10	58	35 4	6	61	70	57
1995M11	59	36 4	7	62	71	56
1995M12	60	39 4	8	72	72	55
1996M1	61	39 4	9	76	73	55
1996M2	62	39 5	0	89	74	55
1996M3	63	43 5	1	76	75	53
1996M4	64	46 5	2	68	76	54
1996M5	65	43 5	3	68	77	53
1996M6	66	42 5	4	71	78	52
1996M7	67	44 5	5	72	79	52
1996M8	68	45 5	6	65	80	52
1996M9	69	50 5	7	62	81	53
1996M10	70	53 5	8	71	82	53
1996M11	71	50 5	9	83	83	52
1996M12	72	53 6	0	93	84	52
1997M1	73	53 6	1	86	85	52
1997M2	74	48 6	2	71	86	51
1997M3	75	46 6	3	65	87	51
1997M4	76	43 6	4		88	51
1997M5	77	46 6	5	67	89	51
1997M6	78	42 6		67	90	50
1997M7	79	43 6		65	91	49
1997M8	80	45 6	8	68	92	50

1997M9	81	45 69	74	93 50
1997M10	82	48 70	75.	94 49
1997M11	83	45 71	74	95 45
1997M12	84	41 72	66	96 44
1996M1	85	36 73	63	97 44
1998M2	86	34 74	62	98 45
1998M3	87	32 75	61	99 43
1998M4	88	32 76	63	100 43
1998M5	89	34 77	59	101 43
1996M6	90	30 78	59	102 43
1996M7	91	31 79	58	103 42
1998M8	92	31 80	53	104 39
1996M9	93	33 81	55	105 40
1998M10	94	31 82	53	106 40
1998M11	95	28 83	55	107 39
1998M12	96	24 84	49	108 39
1999M1	97	26 85	50	109 39
1999M2	98	25 86	49	110 39
1999M3	99	31 87	49	111 38
1999M4	100	38 88	53	112 38
1999M5	101	39 89	57	113 38
1999M6	102	39 90	58	114 38
1999M7	103	45 91	58	115 37
1999M8	104	48 92	66	116 37
1999M9	105	53 93	65	117 36
1999M10	106	52 94	70	118 36
1999M11	107	57 95	66	119 36
1999M12	108	59 96	67	120 35
2000M1	109	60 97	76	121 36
2000M2	110	65 98	79	122 36
2000M3	111	66 99	83	123 37
2000M4	112	57 100	88	124 37
2000M5	113	67 101	93 1	125 38
2000M6	114	72 102	105	126 39
2000M7	115	69 103	105	127 39
2000M8	116	73 104	111	128 39
2000M9	117	80 105	120	129 40
2000M10	118	79 106	124	130 41
2000M11	119	82 107	130	
2000M12	120	63 108	175	
2001M1	121	65 109	164	133 50
2001M2	122	68 110	127	
2001M3	123	63 111	123	
2001M4	124	66 112	123	
2001M5	125	71 113	111	
2001M6	126	70 114	105	
2001M7	127	64 115	93	
2001M8	128	66 116	90	
2001M9	129	63 117	79	
2001M10	130	53 118	79	142 49

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2001M11	131	48 119	74 143	45
2001M12	132	48 120	74 144	43
2002M1	133	50 121	68 145	44
2002M2	134	52 122	69 146	44
2002M3	135	61 123	78 147	43
2002M4	136	66 124	84 148	41
2002M5	137	65 125	86 149	40
2002M6 2002M7	138	61 126	83 150	38
	139	63 127	85 151	35 34
2002M8 2002M9	140	66 128 69 129	81 152	35
2002M3 2002M10	141 142	68 130	88 153 98 154	40
	143	60 131	97 155	40
2002M11 2002M12	144	67 132	106 156	40
2003M1	145	73 133	120 157	40
2003M2	146	78 134	153 158	40
2003M3	147	72 135	128 159	37
2003M4	148	61 136	121 160	36
2003M5	149	60 137	127 161	36
2003M6	150	64 138	126 162	39
2003M7	151	66 139	116 163	42
2003M8	152	69 140	116 164	43
2003M9	153	63 141	112 165	47
2003M10	154	66 142	111 166	49
2003M11	155	66 143	110 167	53
2003M12	156	66 144	132 168	56
2004M1	157	68 145	131 169	61
2004M2	158	68 146	121 170	65
2004M3	159	74 147	122 171	70
2004M4	160	75 148	128 172	77
2004M5	161	84 149	136 173	84
2004M6	162	79 150	137 174	94
2004M7	163	83 151	134 175	100
2004M8	164	93 152	128 176	95
2004M9	165	92 153	127 177	90
2004M10	166	102 154	148 178	90
2004M11	167	90 155	147 179	88
2004M12	168	82 156	151 180	82
2005M1	169	91 157	147 181	80
2005M2	170	95 158	148 182	74
2005M3	171	108 159	161 183	74
2005M4	172	109 160	170 184	75
2005M5	173	104 161	161 185	75
2005M6	174	119 162	168 186	77
2005M7	175	126 163	180 187	79
2005M8	176	137 164	207 188	73
2005M9	177	136 165	249 189	70
2005M10	178	130 166	272 190	64
2005M11	179	125 167	227 191	59
2005M12	180	128 168	260 192	61

2006M1	181	139 169	208 193	66
2006M2	182	135 170	195. 194	74
2006M3	183	137 171	186 195	80
2006M4	184	152 172	193 196	83
2006M5	185	150 173	184 197	79
2006M6	186	150 174	184 198	80
2006M7	187	159 175	185 199	81
2006M8	188	157 176	197 200	81
2006M9	189	136 177	169 201	75
2006M10	190	127 178	180 202	73
2006M11	191	127 179	199 203	72
2006M12	192	131 180	189 204	78
2007M1	193	117 181	187 205	79
2007M2	194	125 182	203 206	80
2007M3	195	130 183	192 207	82
2007M4	196	139 184	196 208	82
2007M5	197	139 185	199 209	81
2007M6	198	146 186	196 210	89
2007M7	199	156 187	180 211	97
2007M8	200	149 188	182 212	100
2007M9	201	161 189	179 213	101
2007M10	202	171 190	197 214	112
2007M11	203	187 191	203 215	134
2007M12	204	185 192	207 216	144
2008M1	205	186 193	232 217	148
2008M2	206	191 194	241 218	189
2008M3	207	202 195	252 219	186
2008M4	208	215 196	279 220	178
2008M5	209	245 197	297 221	192
2008M6	210	263 198	320 222	227
2008M7	211	265 199	321 223	269
2008M8	212	235 200	282 224	245
2008M9	213	208 201	268 225	235
2008M10	214	156 202	272 226	175
2008M11	215	118 203	253 227	144
2008M12	216	87 204	234 228	118
2009M1	217	94 205	220 229	120
2009M2	218	91 206	197 230	114
2009M3	219	102 207	169 231	92
2009M4	220	110 208	142 232	96
2009M5	221	124 209	148 233	93
2009M6	222	145 210	148 234	101
2009M7	223	135 211	133 235	102
2009M8	224	149 212	127 236	105
2009M9	225	141 213	126 237	100
2009M10	226	151 214	142 238	104
2009M11	227	157 215	137 239	110
2009M12	228	154 216	162 240	117
2010M1	229	160 217	178 241	138
2010M2	230	158 218	170 242	134

2010M3	231	168 219	157 243	136
2010M4	232	180 220	160 244	144
2010M5	233	166 221	161 245	147
2010M6	234	165 222	168 246	146
2010M7	235	161 223	168 247	144
2010M8	236	162 224	163 248	137
2010M9	237	162 225	157 249	138
2010M10	238	169 226	155 250	145
2010M11	239	176 227	161 251	161
2010M12	240	190 228	168 252	178
2011M1	241	194 229	179 253	196
2011M2	242	203 230	178 254	187
2011M3	243	223 231	178 255	191
2011M4	244	236 232	198 256	190
2011M5	245	220 233	205 257	185
2011M6	246	215 234	210 258	184
2011M7	247	220 235	218 259	182
2011M8	248	203 236	219 260	183
2011M9	249	209 237	217 261	183
2011M10	250	206 238	219 262	177
2011M11	251	218 239	216 263	169
2011M12	252	219 240	216 264	165
2012M1	253	226 241	208 265	170
2012M2	254	236 242	202 266	171
2012M3	255	248 243	207 267	162
2012M4	256	239 244	210 268	157
2012M5	257	221 245	211 269	147
2012M6	258	194 246	216 270	132
2012M7	259	208 247	212 271	133
2012M8	260	226 248	208 272	136
2012M9	261	224 249	209 273	133
2012M10	262	218 250	210 274	128
2012M11	263	215 251	212 275	129
2012M12	264	213 252	212 276	138
2013M1	265	222 253	211 277	136
2013M2	266	229 254	211 278	138
2013M3	267	222 255	220 279	133
2013M4	268	213 256	224 280	130
2013M5	269	215 257	217 281	130
2013M6	270	214 258	217 282	124
2013M7	271	227 259	209 283	115
2013M8	272	231 260	206 284	115
2013M9	273	232 261	208 285	116
2013M10	274	222 262	207 286	124
2013M11	275	218 263	207 287	128
2013M12	276	223 264	220 288	130
2014M1 2014M2	277	216 265 221 266	226 289	127
2014M2 2014M3	278	218 267	243 290	119
	279		227 291	115
2014M4	280	220 268	224 292	115

2014M5	281	222 269	222 293	115
2014M6	282	228 270	220 294	113
2014M7	283	222 271	204 295	108
2014M8	284	213 272	204 296	108
2014M9	285	208 273	202 297	103
2014M10	286	188 274	198 298	100
2014M11	287	170 275	206 299	99
2014M12	288	135 276	200 300	99
2015M1	289	108 277	182 301	93
2015M2	290	128 278	175 302	99
2015M3	291	124 279	167 303	96
2015M4	292	135 280	140 304	90
2015M5	293	144 281	135 305	96
2015M6	294	142 282	132 306	92
2015M7	295	127 283	131 307	90
2015M8	296	106 284	133 308	87
2015M9	297	107 285	130 309	84
2015M10	298	108 286	123 310	80
2015M11	299	101 287	115 311	82
2015M12	300	86 288	116 312	79
2016M1	301	70 289	107 313	77
2016M2	302	72 290	99 314	79
2016M3	303	87 291	90 315	81
2016M4	304	94 292	86 316	80
2016M5	305	106 293	87 317	80
2016M6	306	110 294	97 318	85
2016M7	307	103 295	101 319	95
2016M8	308	104 296	103 320	102
2016M9	309	104 297	105 321	107
2016M10	310	116 298	106 322	134
2016M11	311	107 299	100 323	149
2016M12	312	127 300	119 324	131
2017M1	313	129 301	133 325	132
2017M2	314	130 302	116 326	126
2017M3	315	122 303	102 327	122
2017M4	316	125 304	105 328	124
2017M5	317	118 305	106 329	113
2017M6	318	108 306	102 330	122
2017M7	319	111 307	104 331	128
2017M8	320	115 308	108 332	141
2017M9	321	121 309	118 333	146
2017M10	322	126.310	123 334	144
2017M11	323	138 311	135 335	144
2017M12	324	140 312	141 336	149
2018M1	325	149 313	155 337	155
2018M2	326	142 314	143 338	153
2018M3	327	143 315	139 339	146
2018M4	328	154 316	124 340	144
2018M5	329	167 317	133 341	158
2018M6	330	165 318	144 342	168

	Correlation Coefficient	0.8633		0.7262	8		0.8682
		Crude Oil / Natural Gas		Natural Gas / Coal		Crude Oil / Coal	
Compound	ied Monthly Growth Rate	0.3040%		0.1405%	i.	0	.2247%
Commodit	у	Crude Oil		Natural Gas		Coal	
2019M12	348	149	336	87	360		115
2019M11	347	143	335	96	359		110
2019M10	346	136	334	84	358		102
2019M9	345	142	333	81	357		94
2019M8	344	136	332	74	356		95
2019M7	343	144	331	79	355		106
2019M6	342	140	330	78	354		104
2019M5	341	157	329	91	353		115
2019M4	340	160	328	96	352		117
2019M3	336	149	327	103	351		129
2019M2	338	3 143	326	111	350		135
2019M1	337	131	325	133	349		145
2018M12	336	128	324	153	348		150
2018M11	335	146	323	162	347		148
2018M10	334	179	322	155	346		159
2018M9	333	175	321	163	345		163
2018M8	333	165	320	149	344		165
2018M7	331	168	319	140	343		173

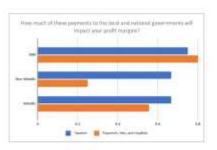
### 2019 Gross Value Added in Mining and Quarrying by Industry (at Current Prices, in million PHP)

	QI	Q2	Q3	Q4	TOTAL		% Share	
Mining of coal	4,455	6,211	4,287	2,132	17,085	Coal	10.56%	
Extraction of crude petroleum and natural gas	10,099	10,823	7,010	9,370	37,302	Oil and Gas	23.05%	
Mining of gold ores and other precious metals	7,145	7,246	6,866	5,325	26.582	Non-Metals	30.87%	
Mining of nickel ores	4,360	7,939	6,082	2,382	20,763	Metals	35,52%	
Mining of copper ores	2,670	2,572	2,366	2,532	10,140	Gold and Other	Precious Metals	16.43%
Stone quarrying, and other mining and quarrying	13,754	10,359	10,421	15,420	49,954	Ni	ckel and Copper	19.10%
Gross Value Added in Mining and Quarrying	42,484	45,149	37,032	37,163	161,826			

#### Ex-Pandemic Qualitative Survey (Metallic Mining, Non-Metallic, and SSM)

How much of these payments to the local and national governm
Metallic Non-Metallic SSM
Taxation 18 8 15
Playments, feet, and reyables 15 3 16

N\*= 27 12 28 \*multiple answers given



#### Quarterly indices of GVA in MAQ

2000011 2000011 2000011 200102	191.9 402.8 41.1 56.1 70.3 57.4 56.2 52.3 64 61.8 72 80.5 90.6 50.4 66.3 81.1 90.6 50.3 182.2 11.47 100.8 77.6	99.9 46.2 72.7 73.7 61.6 75.6 61.6 64.8 64.8 64.8 64.8 64.8 65.6 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8	24.9 22.4 23.6 27.8 28.6 27.8 20.1 20.4 20.2 20.5 20.2 20.6 27.8 20.6 20.7 20.6 20.7 20.6 20.7 20.6 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	124.65 90.4 75.15 117.45 115.95 100.5 65.8 81.6 103.75 91.4 98.5 106.7 119.9 104.4 99.1 165.4 160.5 161.25 161.25 161.25 161.25 161.25 161.25	109.7 99.3 79.6 82 91.5 94.7 104 96.3 85.3 85.1 94.7 85.1 80 74.8 126.8 87
200003 200003 200103 200104 200103 200104 200103 200104 200103 20	ALI S8.1 70.3 57.4 59.2 64 60.6 77.7 80.5 90.6 81.1 90.6 63.1 18.1 18.2 64.3 65.3 11.3 18.2 61.5 18.3 18.4 66.8 11.1 18.6 18.	72.7 81.1 87.5 81.6 81.6 81.6 81.7 84.9 84.8 84.8 84.8 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 86.3	27.4 28.6 27.6 28.1 30.0 29.2 30.4 32.2 35.5 37.2 39.6 31.4 43.7 44.9 45.1 44.9	75.15 117.45 113.95 100.3 95.8 81.6 103.75 91.4 94.5 106.7 110.9 10.9 10.9 10.9 10.9 10.0 10.0 10.	109.7 99.3 79.6 82 91.5 94.7 104 96.3 85.3 85.1 94.7 85.1 80 74.8 126.8 87
1800QA 1801Q1 1801Q2 1801Q2 1801Q2 1801Q2 1801Q2 1801Q2 1801Q2 1801Q2 1800Q2	\$8.1 70.3 57.4 59.2 52.3 60.5 77. 80.5 90.6 63.3 81.1 90.6 56.8 111 38.2 61.3 14.2 11.4,7 10.0 77.5	98.1 67.6 81.6 82.6 84.3 84.3 84.3 84.3 84.3 84.3 84.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85	28.6 27.8 28.8 29.0 29.2 20.4 37.2 29.6 38.4 37.8 45.7 44.9 45.0 44.9	117.45 103.3 95.8 81.6 103.75 91.4 94.5 106.7 119.9 110.4 99.1 163.4 160.5 140.5 141.5 215.4	99.3 70.5 97.5 97.5 64.9 94.3 104.96.3 85.3 85.2 94.2 85.2 80 74.8 126.8 87
2001Q1 2001Q2 20	70.9 57.4 56.2 52.3 64.8 81.8 77.2 80.5 98.6 38.4 66.3 111.9 96.6 121.1 88.2 61.3 143.3 143.3 143.3 143.3 143.3 143.3 143.3 143.3 173.8	07 075 075 075 075 075 075 075 075 075 0	77.8 20.8 20.0 29.2 30.4 32.2 25.5 29.6 32.6 45.7 46.8 46.3 44.9 45.9	113.95 100.1 95.8 81.6 103.75 91.4 98.5 106.7 119.9 104.4 99.1 165.4 160.5 160.5 161.5 213.4	79.6 E3 77.5 64.9 91.7 104 95.3 85.3 85.1 94.2 85.2 80 74.8 126.8 87
2001Q3 2001Q4 2001Q4 2002Q3 2002Q3 2002Q3 2002Q3 2002Q3 2002Q3 2004Q3 20	57.4 56.2 22.3 64.8 80.8 72.8 95.6 28.4 66.3 81.1 90.6 50.6 21.1 24.7 61.5 14.7 10.8 7.7 10.8 7.7 10.8	47.5 81.6 50.7 61 47.3 84.9 41.8 41.8 88.3 51.4 28.3 25.2 57.8 81.9 92.3 14.8 14.8 15.1 17.8 17.8 18.8 15.1 17.8 17.8 18.8 18.8 18.8 18.8 18.8 18	28.8 29.2 20.4 30.4 32.2 25.5 29.6 31.4 42.7 44.8 40.8 41.9	100.5 65.8 81.6 103.75 91.4 94.5 106.7 119.9 10.4 99.1 169.5 160.5 160.5 141.5 215.4	#2 91.5 64.9 91.7 104 96.3 85.3 85.1 94.7 85.2 80 74.8 87
2001QH 2001QH 2001QH 2002QH 2002QH 2003QH 2003QH 2003QH 2003QH 2004QH 2004QH 2004QH 2004QH 2004QH 2005QH 2005QH 2005QH 2005QH 2005QH 2005QH 2005QH 2005QH 2005QH	56.2 52.3 66.5 77.5 86.5 56.4 66.3 81.1 90.6 56.3 111 38 80.2 61.3 143.2 114.7 106.8 706.8	81.6 50.7 61.7 64.9 64.9 64.9 68.3 51.4 48.3 51.4 51.2 57.5 57.8 81.0 91.0	90,6 29,2 30,4 32,2 35,5 39,6 38,4 37,8 45,7 44,9 45,0 44,9 41,9	95.8 81.5 103.75 91.4 93.5 106.7 119.9 110.4 99.1 163.4 160.5 141.25	91.5 97.8 64.9 91.7 104. 96.3 85.3 85.2 86.7 74.8 126.8 87
200104 200001 200001 200000 200000 200000 200000 200001 200001 200001 200001 200001 200001 200001 200001 200001 200001 200001 200001 200001	523 64 60.8 77.2 80.5 90.6 38.4 66.3 81.1 90.6 133 38.2 61.3 142.2 114.7 109.8 72.6	50.7 61 47.3 84.9 43.8 44.8 88.3 51.4 48.8 25.2 57.5 57.5 81.9	29.2 30.4 32.2 25.5 35.2 39.6 32.4 45.7 44.8 45.8 45.8 44.9	81.6 193.75 91.4 98.5 196.7 119.9 110.4 99.1 155.4 190.5 140.5 215.4	97.8 64.9 91.7 104 95.3 85.3 82.1 94.7 83.1 80 74.8 126.8 87
1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031 1000031	64 60.5 77 80.5 90.6 92.4 66.3 81.1 80.6 56.8 113.3 88.2 613.3 114.7 106.8	61 47.3 84.9 43.4 48.8 88.3 33.8 55.3 57.5 57.8 81.0	30.4 37.2 25.5 37.2 39.6 38.4 37.8 43.7 44.9 45.0 44.0 45.0 41.7	109.75 91.4 98.5 106.7 119.9 104.4 99.1 163.4 160.5 140.5 241.25	64.9 94.3 104- 95.3 88. 83.1 94.2 85.2 80 74.8 126.8 87
2002/132 2002/132 2002/132 2003/132 2003/132 2004/13 2004/13 2004/13 2004/13 2004/13 2004/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13 2005/13	80.8 72 80.5 90.6 80.4 66.3 81.1 90.6 56.9 111 182 182 114.7 109.8 70.8	47.3 84.9 41.8 41.4 48.3 51.4 43 33.8 151.3 57.5 81.9	20.2 25.5 29.6 20.4 37.8 45.7 46.8 40.5 44.0 41.0 41.0	91.4 98.5 106.7 1119 9 116.4 99.1 165.4 160.5 141.5 215.4	98.7 104 96.3 88.8 83.1 94.2 83.2 80 74.8 256.8 87
260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 26000000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 2600000 260000 260000 260000 260000 260000 260000 260000 260000 26000000 2600000 2600000 2600000 2600000 2600000000	72 80.5 96.6 32.4 66.3 81.1 90.6 76.8 31.3 98.2 61.5 183.2 11.4.7 109.8 72.6	43.8 44.8 88.3 51.4 43 33.8 55.3 57.5 57.8 81.9	25.5 25.2 29.6 28.4 27.8 42.7 66.8 46.9 45.9 45.9	98.5 196.7 119.9 116.4 99.1 188.4 190.5 190.5 141.25	104 963 88 821 943 88,3 80 74,8 126,8 82
2004031 2004031 2004031 2004031 2004031 2004031 200404 2004031 2005031 2005031 2005031 2006031 2006031 2006031	96.5 28.4 66.1 81.1 90.5 56.8 133 88.2 61.5 149.2 11.4.7 109.8	41.4 48.8 88.3 53.4 48 88.8 55.3 57.8 81.9	99.6 382.6 37.8 45.7 46.3 46.3 45.0 41.7	119.9 102.4 99.1 163.4 160.5 150.5 141.25 213.4	85 85.1 94.2 85.2 80 74.8 126.8 87
1000G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3 1009G3	28.4 66.1 88.1 90.6 56.8 111 38 88.2 61.5 140.2 114.7 100.8 77.6	48.3 53.4 43 39.8 153.3 57.5 57.8 81.9	32.4 37.8 43.7 64.8 60.3 44.9 45.6 81.7	10.4 99.1 169.4 160.5 160.5 141.5 215.4	951 943 85.3 80 74.8 126.8
100003 100003 100003 100003 100003 100003 100003 100003 100003 100003 100003 100003 100003	66.3 81.1 90.6 90.6 56.9 111 182 82.2 61.3 143.2 114.7 109.8	88.3 51.4 43 38.8 151.3 57.5 57.8 81.9	37.8 45.7 44.8 40.3 44.9 45.0 41.7	99.1 165.4 160.5 141.75 213.4	94.2 85.2 80 74.8 128.8 87
1000Qs 2000Q1 1000Q3 1000Q3 1000Q3 1000Q3 1000Q3 2000Q4 1000Q3 1000Q3 1000Q3	81.1 90.6 96.9 111 38 88.2 62.5 183.2 114.7 106.8 77.6	51.4 48 39.8 151.3 57.5 57.8 81.9 148	A2.7 64.8 60.5 44.0 62.6 81.7	183.4 160.5 130.5 141.75 215.4	85.2 60 74.8 126.8 87
1004G1 1004G2 1004G3 1004G3 1004G3 1004G3 1004G3 1004G1 1004G1	90.6 56.8 315 38 88.2 65.5 143.2 114.7 109.8 77.6	48 39.8 151.3 57.5 57.8 81.9 148	44.8 40.3 44.0 43.8 41.7	190 5 150 5 141 25 215 4	80 74.8 126.8 87
300403 300403 300404 300403 300403 300403 300403	56.9 115 38 88.2 61.3 140.2 110.9 72.6	39.8 151.3 57.5 57.8 81.9 148	60.5 44.9 45.0 41.7	150.5 141.75 215.4	74.8 126.8 87
1004Q3 1004Q4 1004Q4 1005Q3 1005Q3 2005Q4 1006Q3 1006Q3	115 38 88.2 61.5 143.2 114.7 109.8 72.6	151.3 57.5 57.8 81.9 148	44.0 45.0 41.7	141.25 215.4	126.B 87
2004Q4 2005Q2 2005Q2 2005Q3 2005Q4 2006Q1 2006Q2 2006Q2	98 88.2 63.5 143.2 11A.7 109.8 72.6	57.5 57.8 81.9 148	45.8 AL.7	215.4	82
2005Q1 2005Q2 2005Q3 2005Q4 2006Q1 2006Q3 2006Q3	88.2 63.5 143.2 13.4.7 109.8 72.6	57.8 91.9 148	41.7		
2005Q2 2005Q5 2005Q4 2006Q3 2006Q2 2006Q3	69.5 149.2 114.7 109.8 72.6	\$1.9 146			82.5
2005Q3 2005Q4 2006Q3 2006Q3 2006Q3	143.2 114.7 109.8 72.6	148		264 E	
2005Q4 2006Q3 2006Q3 2006Q3	114.7 109.8 72.6		49.2	205.9	
300e03 300e03 300e01	109.8 72.6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45.6	219	
2006Q3	72.6	62.1	48.6	153.4	
2006Q3		57	57.8	296.3	
2006Q4		130.7	59.6	245.25	
	332	49.7	52.6	313.06	85.1
5063.01	96.8	. 59.6	63.1	242.15	81.5
200702	63.7	39.6	61.8	347.65	100.4
2007QS	124.7	118	GAR	225	104.4
2007Q4	109.2	41.4	68.8	280	
seesds	101.6	54.0	71.2	173.3	78.5
200603	78.3	70.9	72	341.55	96.3
2008Q3	163.4	135.9	79.9	170.8	
2008Q4	109.1	44.8	74.7	123.35	
200903	226	62.9	76.8	65.5	
300903	35.4	59.2	82.6	123.7	
300003	159.6	105.5	98.9	11355	90,7
2000Q4 2010Q1	132.6	36.5 50.4	99.7	154.15 95.3	
3010CS	91.1	56.9	105.0	169.25	
201003	151.0	133.4	120.6	128.06	
202004	130.3	50.7	119.7	191.15	
201101	151.5	76.5	127	95.65	
201103	72	76.4	129.4	187.1	97.5
2011Q2	161.6	161.9	149.5	144.2	
201104	125.8	31.1	120.6	100.4	65
2012(01	133.7	67.1	127.4	93.8	77.4
2012/02	62.3	69.6	122.3	173.55	81.8
301303	160.9	47.5	134.8	123.8	63
201204	137.3	40	123.5	109.45	62.7
2013Q1	135.7	95.5	118.8	73.85	75.0
\$01303	57.4	93.5	97.3	147.5	34.7
501303	160.2	118	109.3	EDAS	
2013Q4	152.8	5.2	96.6	173.1	66.1
2014Q1	156	95.4	90.0	98.35	
201402	364.7	61.2	94.5	150.05	70.8
2014(2)	154.8	98.9	102.5	133.45	
2014Q4	132,1	43.6	**	170.5	
2015Q1	105.8	58.0	92.1	6435	
201502	41	54	87.9	128.98	
2015Q8 2015Q4	124.4	502.4 46.7	93.7	96.75 126.15	
2016Q1	96.5	40.9	90.6	55.25	
2016Q2	39.4	58.6	97	106.5	
2016Q3	110.7	136.9	116.8	93.45	114.5
3016G4	99.7	52.1	95.1	138.6	
2017Q1	121.5	612	06.1	98.75	
201702	67.9	80.4	300	124.85	
201703	135.8	181.9	114	113 65	
3617Q4	123.1	53.8	99.6	167.45	
3018Q1	129.3	75.6	102.1	86.6	
201802	55.4	113	100	141.55	
201803	160.9	254.5	104.5	117.9	
2018Q4	133.4	57.3	982	153.95	
201901	129.9	47.2	100.2	78.3	
201902	53.9	75.8	101.6	125.3	
201903	145.5	127	191	126.35	
2019/34	125.5	37.8	114.6	172.15	

Commodity Price Indices (2016=100; except for Non-Metals, 1982=100)

	METALS*	NON-METALS**	OIL AND GAS***	COAL
2000Q1	91.40	137.40	71.58	36.23
2000Q2	69.60	138.27	80.50	38.32
2000Q3	59.37	138.40	93.11	39.59
2000Q4	87.83	138.90	108.84	43.27
2001Q1	86.50	141.10	101.81	50.14
2001Q2	76.53	142.20	90.99	51.24
2001Q3	54.07	142.50	75.80	50.20
2001Q4	64.13	142.63	62.35	45.78
2002Q1	79.30	143.03	62.92	43.56
2002Q2	71.67	143.33	74.17	39.92
2002Q3	57.50	143.67	75.25	34.79
2002Q4	82.87	144.07	82.79	39.71
2003Q1	93.13	144.97	103.89	39.29
2003Q2	90.40	145.67	93.20	37.19
2003Q3	78.67	146.57	90.20	43.74
2003Q4	124.83	147.20	91.89	52.93
2004Q1	121.93	148.67	97.37	65.33
2004Q2	113.83	149.27	106.27	85.13
2004Q3	109.13	149.83	109.59	94.81
2004Q4	158.80	151.00	120.10	86.41
2005Q1	151.47	154.77	125.04	76.29
2005Q2	190.77	155.73	138.31	75.67
2005Q3	153.67	157.37	172.56	74.21
2005Q4	161.20	160.37	190.30	61.51
2006Q1	118.47	166.00	166.67	73.70
2006Q2	189.90	167.27	168.77	80,54
2006Q3	183.37	170.70	167.22	79.03
2006Q4	226.23	171.50	158.83	74.26
2007Q1	182.47	174.60	159.05	80.34
2007Q2		175.43	169.32	83.81
2007Q3		176.00	167.67	99.22
2007Q4		176.80	191.48	130.12
2008Q1		181.27		174.29
2008Q2		184.20	270.02	199.15
2008Q3		186.57	263.19	249.70
2008Q4		189.00	186.55	145.63
2009Q1	69.27	198.03	145.54	108.67
2009Q2	110.00	199.50	136.00	96.44
2009Q3		198.97	135.16	102.57
2009Q3 2009Q4				
		199.47	150.51	110.10
2010Q1	95.27	200.73	165.02	136.16
2010Q2		202.37	166.43	146.10
2010Q3	125.57	203.40	162.08	139.67
2010Q4	167.33	203.97	169.82	161.15

2011Q1	106.10	206.63	192.47	191.48
2011Q2	167.87	209.00	213.96	186.15
2011Q3	145.97	209.67	214.12	182.56
2011Q4	160.57	211.10	215.73	170.36
2012Q1	105.00	218.50	221.30	167.57
2012Q2	156.47	218.80	215.21	145.44
2012Q3	127.13	219.30	214.66	134.01
2012Q4	154.13	219.83	213,43	130.99
2013Q1	88.83	223.77	219.13	135.80
2013Q2	130.90	225.27	216.79	128.03
2013Q3	114.17	225.67	218.77	115.59
2013Q4	147.60	226.37	216.12	127.20
2014Q1	78.87	231.17	225.24	120.43
2014Q2	131.53	234.27	222.58	114.15
2014Q3	123.13	235.03	208.70	106.64
2014Q4	143.33	237.30	182.93	99.37
2015Q1	73.93	238.93	147.08	96.08
2015Q2	114.87	240.20	138.07	92.73
2015Q3	95.73	240.33	122.23	87.19
2015Q4	112.77	240.27	108.18	80.17
2016Q1	67.70	240.43	87.52	79.20
2016Q2	103.33	242.93	96.54	81.87
2016Q3	101.07	243.97	103.42	101.19
2016Q4	124.10	244.33	112.52	137.75
2017Q1	78.53	244.70	122.08	126.73
2017Q2	116.57	245.37	110.73	119.81
2017Q3	113.77	246.13	112.72	138.40
2017Q4	144.83	246.77	133.82	146.00
2018Q1	91.83	247.80	145.20	151.37
2018Q2	127.97	248.77	147.87	156.57
2018Q3	113.23	248.77	160.02	166.97
2018Q4	133.70	249.13	153.60	152.26
2019Q1	85.60	251.37	128.30	136.36
2019Q2	124.07	252.57	120.53	112.00
2019Q3	127.27	251.77	109.45	98.61
2019Q4	153.03	251.27	115.74	108.86

<sup>\*</sup>Average index of gold, nickel, and copper.

<sup>\*\*</sup>IMF data unavailable, so US Federal Reserve PPI used instead.

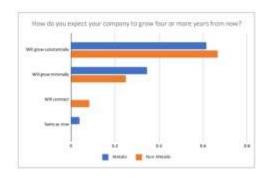
<sup>\*\*\*</sup>Average index of oil and gas.

### GDP Breakdown (in million PHP, 2018=100)

	REST OF GDP	REST OF INDUSTRY	N=	MAQ	% Change	TOTAL GDP	% Change
2000	4,752,051	2,178,911	1	56,452		6,985,383	
2001	4,935,171	2,182,088	2	54,421	-3.60%	7,198,384	3.05%
2002	5,119,511	2,254,704	3	81,125	49.07%	7,465,894	3.72%
2003	5,382,806	2,375,938	4	91,679	13.01%	7,845,677	5.09%
2004	5,789,672	2,472,063	5	86,933	-5.18%	8,361,078	6.57%
2005	6,073,040	2,605,742	6	99,343	14.28%	8,774,325	4.94%
2006	6,438,705	2,693,053	7	95,543	-3.83%	9,240,804	5.32%
2007	6,902,564	2,833,391	8	109,046	14.13%	9,843,239	6.52%
2008	7,169,304	2,979,453	9	107,284	-1.62%	10,270,878	4.34%
2009	7,361,981	2,924,253	10	122,121	13.83%	10,419,633	1.45%
2010	7,825,838	3,224,635	11	133,399	9.24%	11,183,861	7.33%
2011	8,203,551	3,283,798	12	133,388	-0.01%	11,615,360	3.86%
2012	8,742,356	3,543,200	13	128,011	-4.03%	12,416,466	6.90%
2013	9,330,125	3,775,008	14	130,910	2.26%	13,254,644	6.75%
2014	9,877,175	4,070,283	15	149,511	14.21%	14,096,047	6.35%
2015	10,497,517	4,336,583	16	148,589	-0.62%	14,990,907	6.35%
2016	11,201,334	4,701,277	17	156,807	5.53%	16,062,676	7.15%
2017	11,973,396	5,039,260	18	160,065	2.08%	17,175,978	6.93%
2018	12,682,665	5,413,668	19	163,322	2.03%	18,265,190	6.34%
2019	13,494,882	5,750,929	20	168,857	3.39%	19,382,751	6.12%
				MAQ		GDP	
		7	AAGR	6.54%		5.53%	
			CAGR	5.63%		5.24%	

#### Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

How do you expect your	company t	o grow 4 or mon	e years from now?
	Metallic	Non-Metallic	
Same as now	1	0	
Will contract	0	1	
Will grow minimally	. 9	3	
Will grow substantially	16	8	
N-	26	12	
	Metallic	Non-Metallic	
Same as now	4%	0%	
Will contract	0%	8%	
Will grow minimally	35%	25%	
Will grow substantially	63%	67%	



#### Esports of Commodities (FOB, in '000 USD)

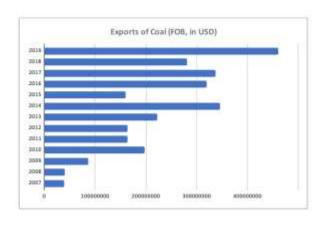
	N-	COPPER CONCENTRATES	COLD	PETROLEUM PRODUCTS	N-	IRON ORE AGGLOMERATES	CHROMIUM ORE	OTHER MINERAL PRODUCTS	N-	NICKEL
2000	- 1	28,401.66	184,926.01	372,757.22		armanan menantun derinte	3,108.92	122,899.47		-
2001	2	10,338.07	94,491.38	200,939.84			2,393.96	112,116.83		-
2002	3	12,791.72	101,841.49	316,226,71			1,791.12	120,885.30		20
2003	4	12,319.40	117,428.78	536,140.08	1	63,321.72	12	12		200
2004	5	14,260.72	48,661.16	380,441.58	2	82,748.00	100			200
2005	-6	36,901.68	49,858.21	585,747.84	3	110,033.17	19			-
2006	7	84,176.97	227,408.11	918,292.66	. 4	153,073.80				83
2007	8	137,077.77	266,937.10	1,108,682.59	- 5	171,820.83	12	100		20
2008	9	133,690.58	437,854.81	1,240,162.24	- 6	113,660.04	1.7	1.0		75.0
2009	10	149,516.49	250,122.89	292,954.26	7	91,691.14	19			83
2010	-11	260,781.17	187,432.25	371,162.45	. 8	109,725.73				93
2011	12	337,469.09	436,001.31	647,749.09	9	62,684.04	8,319.91	783,816.50		
2012	13	244,187.57	504,912.09	465,D46.72	10	86,034.09	N.302.99	988,748.08	1	1.49
2013	14	443,473.36	332,818.15	843,158.52	11	113,497.58	15,209.49	1,865,263.02	2	68.29
2014	15	568,696.42	238,592.26	445,716,91	12	118,747.20	5,552.70	2,644,627.32	3	
2015	16	598,941.42	355,248.75	313,835,89	13	116,811.94	4,315.21	1,397,323.32	4	
2016	17	526,527.76	535,207.98	282,111.64	14	106,743.69	6,419.35	1,049,761.51	5	
2017	18	370,250.77	1,227,472.65	395,621.06	15	61,245.32	6,948.41	1,349,349.94	6	64.93
2018	19	616,067.00	1,087,901.54	494,018.33	15	64,631.38	7,997.45	1,130,301,23	7	
2019	20	552,577.44	1,367,980.99	225,567.86	17	14,264.63	7,673.97	1,468,405.06	8	97.10
		COPPER CONCENTRATES	GOLD	PETROLEUM PRODUCTS		IRON ORE AGGLOMERATES	CHROMIUM ORE	OTHER MINERAL PRODUCTS		NICKEL
Avera	ge*	256,922.35	402,654.92	521,816.67		96,513.78	6,502.79	1,086,124.80		57.95
CA	4GB	16.00%	10.52%	-2,48%		-8.39%	4.62%	13.20%		68.63%
		*per available year								

#### Exports of Coal (FOB in USD)

		% Change	Nπ	
2007	38,599,185		1	
2008	40,330,957	4.49%	2	
2009	86,056,872	113.38%	3	
2010	197,301,898	129.27%	4	
2011	163,853,554	-16.95%	5	
2012	163,781,276	-0.04%	6	
2013	222,768,289	36.02%	7	
2014	345,654,375	55.16%	8	
2015	159,808,567	-53.77%	9	
2016	319,648,302	100.02%	10	
2017	337,382,250	5.55%	11	
2018	281,013,208	-16.71%	12	
2019	460,551,700	63.89%	13	
	AAGR	35.02%		

CAGR

21.01%



# 2019 Exports Destinations of MAQ Commodities (FOB in USD)

Hong Kong	1,007,218,945
People's Republic of China	882,572,423
Japan	821,108,884
Switzerland	336,118,909
Canada	113,700,958
Singapore	107,944,389
India	102,941,239
Malaysia	92,838,009
Republic of Korea	70,672,046
Australia	27,445,327
Taiwan	23,614,177
Vietnam	14,880,544
Indonesia	10,591,462
Bangladesh	9,067,183
Thailand, etc.	15,852,548

U 177747077711127	
Thailand	6,408,239
Pakistan, Islamic Rep. of	5,549,237
Belgium	2,280,427
United States of America	738,377
Cambodia	283,166
United Kingdom	109,029
Sri Lanka (Ceylon)	93,567
Saudi Arabia	79,836
Germany	60,993
Papua New Guinea	49,788
Italy	41,314
United Arab Emirates, N.E.S.	31,112
France	27,875
Lao People's Democratic Republic (Laos)	27,021
Spain	19,824
Brunei Darussalam	14,722
Afghanistan	11,939
Mexico	11,165
New Zealand	5,000
Poland	4,408
Syrian Arab Republic	3,200
Turkey	2,204
Netherlands	105

# Quarterly Indices on MAQ Employment (2016=100)

				DIFFEREN	CES		
		N=		With Q1	With Q3	Q3 with Q4	With Q4
2000Q1	108.2	1					
2000Q2	338.73	2		213.06%			
2000Q3	93.3	3			-72.46%		
2000Q4	124.31	4				33.33%	-63.30%
2001Q1	101.14	5	Q2 Chang	e			
2001Q2	312.97	6	-7.60%	209.44%			
2001Q3	87.24	7			-72.13%		
2001Q4	118.56	8				14.29%	-62.12%
2002Q1	95.52	9					
2002Q2	281.02	10	-10.21%	194.20%			
	127.22	11			-54.73%		THE STATE OF THE S
2002Q4	122.07	12				9.09%	-56.56%
2003Q1	92.36	13	10.02890	50275200			
2003Q2	288.69	14	2.73%	212.57%			
2003Q3	141.58	15			-50.96%	e em.	50.2204
2003Q4	117.74	16				6.67%	-59.22%
2004Q1	89.41	17					
2004Q2	236.78	18	-17.98%	164.82%	1001000		
2004Q3	144.72	19			-38.88%		
2004Q4	93.7	20				5.26%	-60.43%
2005Q1	93.58	21	7272322				
2005Q2	235.87	22	-0.38%	152.05%			
2005Q3	129.3	23			-45.18%		
2005Q4	96.07	24				4.35%	-59.27%
2006Q1	96.04	25					
2006Q2	271.52	26	15.11%	182.72%			
2006Q3	148.38	27			-45.35%		
2006Q4	103.09	28				3.70%	-62.03%
2007Q1	100.56	29					
2007Q2	293.03	30	7.92%	191.40%			
2007Q3	151.42	31			-48.33%		
2007Q4	97	32				3.23%	-66.90%
2008Q1	91.43	33					
2008Q2	270.46	34	-7.70%	195.81%			
2008Q3	129.43	35			-52.14%		
2008Q4	68.3	36				2,86%	-74.75%
2009Q1	90.22	37					
2009Q2	208.8	38	-22.80%	131.43%			
2009Q3	105.92	39			-49.27%		
2009Q4	55.99	40				2.56%	-73.18%
2010Q1	93.42	41					
2010Q2	156.18	42	-25.20%	67.18%			
2010Q3	91.97	43			-41.11%		

201001		134				2 220/	55 DEN/
2010Q4	51.77	44				2.33%	-66.85%
2011Q1	85.38	45		122122			
2011Q2	137.01	46	-12.27%	60.47%	022/22/2010		
2011Q3	72.87	47			-46.81%		
2011Q4	50.52	48				2.13%	-63.13%
2012Q1	85.92	49	4 8 8 8 8 8 8 8				
2012Q2	157.69	50	15.09%	83.53%	122 222		
2012Q3	83.84	51			-46.83%	0.00000	
2012Q4	52.38	52				1.96%	-66.78%
2013Q1	96.19	53	2 4224	50.050/			
2013Q2	162.61	54	3.12%	69.05%	10.000		
2013Q3	81.43	55			-49.92%	* 020/	CC 430/
2013Q4	54.6	56				1.82%	-66.42%
2014Q1	85.11	57	2.4.4407	110 F00/			
2014Q2	186.04	58	14.41%	118.59%	FF 300/		
2014Q3	83.35	59			-55.20%	* 600	CO 000/
2014Q4	57.53	60				1.69%	-69.08%
2015Q1	87.97	61 62	2.120/	115 050/			
2015Q2	189.98	10,75	2.12%	115.96%	FE 100/		
2015Q3	85.3 54.31	63 64			-55.10%	1 500	74 450/
2015Q4 2016Q1	82.19	65				1.59%	-71.41%
2016Q1 2016Q2	182.07	66	-4.16%	121.52%			
2016Q2 2016Q3	82.99	67	-4.10%	121.3276	-54.42%		
2016Q3 2016Q4	52.75	68			-34.4276	1 4000	-71.03%
2017Q1	77.57	69				1,4376	-71.03%
2017Q1 2017Q2	179.7	70	-1.30%	131.66%			
2017Q3	86.45	71	1.30%	131.00%	-51.89%		
2017Q4	53.19	72			31.0370	1 41%	-70.40%
2018Q1	73.61	73				1,4170	70.4070
2018Q2	167.56	74	-6.76%	127.63%			
2018Q3	83.92	75	0.70.0	227.0070	-49.92%		
2018Q4	50.85	76				1.33%	-69.65%
2019Q1	74.59	77				2.00	
2019Q2	169.67	78	1.26%	127.47%			
2019Q3	80.65	79			-52.47%		
2019Q4	50.75					1.27%	-70.09%
2020Q1	70.36	81					
2020Q2	150.52	82	-11.29%				
1000	2019Q4	-0.94%					
	2020Q2						
	335						

Q1 to Q2 average growth

143.53%

Q2 to Q3 average growth

-51.65%

Q3 to Q4 average growth

102.35%

Q2 vs. Q4 -66.13%

#### Ex-Pandemic Qualitative Survey (SSM)

### What are your hiring plans in the future?

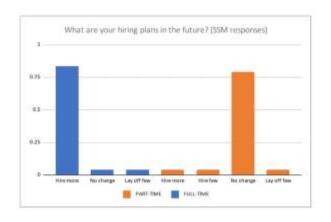
	<b>FULL-TIME</b>	PART-TIME
Hire more	20	
No change	1	
Lay off few	1	
Hire more		1
Hire few		1
No change		19
Lay off few		1

#### No Response= 2 N= 24

Lay off few

	FULL-TIME	PART-TIME
Hire more	83%	
No change	4%	
Lay off few	4%	
Hire more		4%
Hire few		4%
No change		79%

496



Quarterly Indices on Gross Revenue by Sector (2016-100)

2009-14   14.55   24.66%   18.62   25.56%   1.34   111.55%   2.28   12.55%   2.28	1 15 57% 1 18	18.55	
2009-14   14.55   24.66%   18.62   25.56%   1.34   111.55%   2.28   12.55%   2.28	257 E 11		Television I
2009    2009    2009    14.00   6.00   5.00   1.00   2.2	man in the		17.18%
2001Q    27.50   96.15   1.28   96.00   4.75   27.70   74.33   37.70   4.48   9.20   72.81		27.36	47.49%
2001.02   25.76   96.78h   13.28   13.28   13.28   14.59h   13.68h   11.59h   12.29h   13.68h   13.6		26.96 14.95	5.83% -68.38%
NOTICE  1996   1488   1458   1458   11596   7.78   4-1378   148   77.7	130% 6 22		52.71%
2001024   34.11   4.55%   7.78   41.28   82.77   137.87%   8.48   11.08   10.070   20.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   50.070   4.55   6.50   4.		26.72	17.35%
	130% E 24		10.03%
NOTICE   268   46.47%   34.66   48.50%   40.81   11.07%   22.43   77.		29.46	64.18%
200202   4453   90.52%   31.00   -0.00%   49.53   11.00%   2.44   -7.00%   2.99   -7.02%   2		31.85	-19.29%
2002    24   37   44   45   42   42   42   42   42   42		40.21	26.25%
		32.25	-19.80%
200902  St. 86   42.896   41.25   2.478   53.41   59.018   11.99   82.		31.88	-1,80%
		37.86	18,54%
		61.4	62.18%
2004CQ   33.44   98.96	16 St	54.67	-11.94%
2004CQ   33.44   98.96	100% 17 40	40.23	25.63%
2009  2002  2017  07.00   10	30% 18.30	38.34	-6.65%
2005Q1   2007Q1   2017Q   2016Q   2016Q   2015Q   20	.97% 10 65	05.41	70.62%
2005Q1   2007Q1   2017Q   2016Q   2016Q   2015Q   20	33% 20 54	54.49	-16.69%
2005Q1   20.47   20.18   44.60   43.15   43.10   43.		42.9	-21.37%
2005-01   N.77   S2.115   S5.6   S4.29   S2.31   20.09   S2.21   20.07		55.72	29.88%
2009-06   2009	1.00% 23 83	85.48	53.42%
2006Q2   38.58   -48.57%   77.33   54.73%   88.58   -4.21%   121.81   172	50% 24 NI		27.90%
200602	137% 25 51		46.71%
2009G1   97.47   27.58%   34.56   67.18%   67.42%   64.12%   3.29		68.83	33.29%
2007   200701   57.01   -55.08   34.56   -67.508   61.43   -40.138   3.37   -60.0702   11.55   -48.518   -79.57   -4.085   105.78   11.005   11.213   -40.0702   11.55   -48.518   -79.57   -4.085   105.78   11.005   -2.518   -4		95.06	38.13%
2007QL   2007QL   11.251   24.258   81.64   191.349   90.24   55.00%   12.131   34.00	13% 26 69		-26.94%
2007 CL   112.51   54.51%   74.67   4.19%   105.96   11.05%   2.181   4.25   60.20%   102.57   11.20%   4.25   60.20%   74.55   72.20%   4.25   60.20%   72.57   4.25   60.20%   72.50%   74.55   72.20%   4.24   4.25   60.20%   72.20%   74.60%   74.55   72.20%   74.60%   74.55   72.20%   74.60%   74.55   72.20%   74.60%   74.55   72.20%   74.60%   74.55   72.20%   74.60%   74.55   72.20%   74.60%   74.50%	.11% 29 m		-1.83%
2007Q3   115.9   2.65%   96.41   20.54%   76.55   72.00%   42.5   60.270   107.37   11.10%   41.6   42.5   60.270   42.5   42.		99.77	46.33%
2007Q4   1022	1825 31 10		8.38%
2008   2009Q1   59.57   -44.81%   84.07   107.10%   59.5   127.25%   128.00   200.00   200.00   20.66   40.82%   120.01   51.18%   177.65   20.95%   52.19%   51.18%   77.65   20.95%   52.19%   54.95%   54.95%   20.95%   54.95%   20.95%	134% 33 77		27,99%
2008Q2   75.7   33.82%   98.59   3.00%   123.83   10.19%   21.25   68.20%   2008Q1   2006Q1   200.66   68.20%   20.20%	EPN 33 67		-15.27%
2009Q3   105.6	55% 94 80		18.53%
200904   01.38   -12.18%   50.21   -57.26%   103.67   -72.26%   5.40   6.50		116.3	45,30%
200992		78.56	-32,45%
2009Q2   67.95   26.28%   82.98   63.18   16.64   35.42%   20.77   9.	1,15% 37 67		13.84%
2009Q3   154.74   127.73%   122.38   47.70%   312.71   186.77%   5.70   7.70%   7.00		73.95	9.25%
2009Q4	2.00% 10 14		91.11%
20100	1,49% 40 12		
2010Q2		79.6	-10.83% -40.39%
2010Q3	68% 62 E2		58,99%
2011   2011   24   73   64   26   52 666   110.53   67 306   83 5 4 4 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
2011   2011Q1   102.7   63.57%   129.1   100.56%   115.81   4.66%   488.75   481.75     2011Q2   177.88   73.26%   117.95   -4.55%   143.77   127.71%   43.81     2011Q3   129.77   42.42%   129.01   34.82%   363.89   157.95%   11.18   77.27%   37.90     2011Q4   133.42   -4.54%   54.9   -99.18%   106.46   72.27%   37.90   10.18     2012Q2   133.18   101.14%   113.17   -4.02%   127.71   119.77%   45.85   -8.02%     2012Q2   123.18   101.14%   113.17   -4.02%   127.71   119.77%   45.85   -8.02%     2012Q3   124.85   -6.40%   122.87   7.26%   300.58   135.86%   4.00   -8.02%     2012Q4   100.61   -6.28%   67.5   -44.64%   110.13   44.50%   8.66   37.27%     2013Q1   129.63   44.27%   208.01   80.12%   110.73   6.55%   134.33   134.34     2013Q2   119.03   103.39%   99.09   -4.26%   108.88   -2.99%   29.88   -6.02%     2013Q3   129.8   41.8%   134.10   35.27%   80.17   10.20%   11.13   13.13     2014Q4   10.056   -7.10%   61.19   -94.10%   81.34   17.56%   13.56%   375.39   316.     2014Q1   167.54   122.10%   111.03   -2.10%   124.33   48.15%   375.39   316.     2014Q1   167.74   122.10%   111.03   -2.10%   124.73   48.56%   36.56%   36.56%     2014Q2   127.8   64.50%   102.23   39.90%   67.75   41.17%   42.30%   41.86   77.26%     2014Q4   121.4%   -27.93%   64.66   -43.19%   99.1   43.50%   43.50%   43.50%   43.50%     2014Q4   121.4%   -27.93%   64.66   -43.19%   99.1   43.50%   43.5	1.37% 43 16 1.08% 44 15		139%
2011Q2 177.88 73.20% 117.93 -8.85% 143.77 217.1% 43.91 -8. 2011Q3 129.77 -21.42% 129.01 54.85% 83.89 167.90% 11.18 -7. 2012Q 2012Q1 66.18 -60.40% 120.38 84.43% 110.33 1.44% 346.73 344. 2012Q 133.18 101.24% 121.71 -4.01% 127.71 11.97% 43.83 34. 2012Q 133.18 101.24% 121.71 -4.01% 127.71 11.97% 43.83 34. 2012Q4 100.63 -10.28% 67.5 -44.64% 110.33 -4.36% 8.66 32. 2013Q 2012Q4 100.63 -10.28% 67.5 -44.64% 110.33 -4.36% 8.66 32. 2013Q 2012Q1 100.63 -10.28% 67.5 -44.64% 110.33 -4.36% 8.66 32. 2013Q 2012Q1 100.63 -10.28% 97.5 -44.64% 110.33 -4.36% 8.66 32. 2013Q 2012Q1 100.63 -10.28% 97.0 -4.26% 100.88 -2.29% 29.86 6. 2012Q2 119.63 103.19% 99.00 -4.26% 100.88 -2.29% 29.86 6. 2012Q2 100.64 10.556 -7.19% 61.29 -54.10% 80.34 12.20% 12.20% 11.43 131. 2014Q 2015Q1 10.556 -7.19% 61.29 -54.10% 80.34 47.56% 13.80 37.77 7. 2014Q1 100.75 -7.19% 61.29 -54.10% 80.34 49.10% 12.20% 13.40 49.10% 13.20% 13.51 49.10% 13.20% 1			-28.64%
	1.99% 45 11		
2012    1014    133 42	190% 46 15		25.99%
2012    2012    06.18   -03.40%   120.08   86.41%   110.13   1.44%   346.73   344.	100% 47 14		4.24%
2012Q2	1.05% 48 30		-28.05%
201203   124.65   6.40%   121.57   7.26%   300.58   135.36%   6.00   6	.57% 49 88 .84% 50 12		-17.02% 42.47%
2012   2012   10.61 -10.28%   47.5   -44.64%   110.13   -41.56%   8.05   37.56%			
2013    2019Q1   38.54   -41.67%   206.01   80.01%   110.73   0.35%   114.3   131.0   2019Q2   119.03   103.39%   99.09   -42.6%   108.88   -2.59%   99.68   -6.5   2013Q3   129.6   -6.3   2013Q4   129.9   0.13%   134.10   85.67%   104.79   180.00%   8.77   -7.   2013Q4   120.56   -7.10%   81.29   -54.10%   81.34   -77.60%   11.51   23.0   2014Q1   06.42   -44.97%   140.55   129.19%   124.3   -45.15%   375.59   316.0   2014Q2   107.57   122.10%   111.00   20.10%   124.77   0.35%   0.30.9   6.	79% 51.32		1.47%
	1.67% 52 87		-29.27%
201504   129.5   1.138   124.19   15.67%   10.175   162.00%   17.7   7	111% 53 78		10.47%
201208   120.56	28% 54 11		41.94%
201442   06.42	30% 55 13		18.55%
2014Q2   147 52   122 10%   111 10   21 10%   124 73   0.85%		96.62	-25.40%
2014Q3   101.74   12.10%   121.12   1.87%   227.48   82.39%   8.86 - 7.7014Q4   121.48   -27.21%   04.66   -42.10%   99.1   56.39%   44.13   50.20%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   56.39%   42.10   57.51   11.40%   227.54   49.205Q3   126.61   6.16%   502.1   17.46%   191.78   153.99%   7.16	136% 57 95		-0.98%
2014-04   119.46   -27.91%   04.66   -41.95%   90.1   -56.95%   41.5   0.5     2015-03   -65.96   -45.56%   109.25   -59.56%   67.75   -11.70%   323.16   70.5     2015-03   126.61   -6.26%   102.2   17.46%   191.76   155.96%   7.26   7.2   7.2     2015-03   126.61   -6.26%   102.2   17.46%   191.76   155.96%   7.2   7.2   7.2     2015-04   101.77   13.62%   64.62   98.37%   83.1   -6.62%   11.05   37.2   256.2     2016-02   107.26   -6.42%   75.7   -31.83%   81.47   -1.83%   37.7   256.2     2016-02   127.26   -6.42%   75.7   -31.83%   81.31   -6.42%   -2.44.6   -6.2     2016-02   127.26   -6.42%   75.7   -31.83%   81.31   -6.42%   -6.42%   -2.44.6   -6.2     2016-02   127.26   -6.42%   75.7   -31.83%   10.25   -6.25%   -6.42%	1.53% 58 13		38.55%
2015Q1   93.06   45.50%   129.25   39.50%   67.75   41.70%   323.6 NOS     2015Q2   119.15   87.16%   74.34   -24.10%   75.51   11.40%   27.54   -9.   2015Q3   126.61   6.26%   102.2   37.46%   191.78   35.30   106.60%   11.00   5.   2015Q4   102.77   13.67%   64.62   99.37%   88.25   66.60%   11.00   5.   2015Q2   107.88   64.27%   75.7   31.83%   81.67   1.83%   337.28   285.   2015Q2   107.88   64.27%   75.7   31.83%   81.67   1.83%   24.64   2.   2015Q2   107.13   12.56%   14.28%   88.85%   10.25%   100.95%   21.11   1.   2015Q4   105.46   13.07%   70.43   59.66%   74.06   54.55%   16.86   76.	144% 59 14		9.52%
2015Q2 103.15 #3.14% 74.34 -28.10% 75.51 11.45% 27.84 -9 2015Q3 126.61 6.26% 102.2 37.46% 191.78 155.90% 7.36 -7 2015Q4 107.77 18.67% 64.62 89.77% 83.25 66.62% 11.05 37.26 295. 2016 2016Q1 65.55 35.59% 111.04 71.84% 81.67 1.83% 337.26 295. 2016Q2 107.88 64.27% 75.7 31.83% 81.47 0.43% 24.44 40. 2016Q2 107.88 64.27% 75.7 31.83% 81.31 0.43% 24.44 40. 2016Q2 107.88 63.27% 75.7 31.83% 81.31 0.43% 24.44 40. 2016Q2 107.88 63.27% 75.7 31.83% 81.31 0.43% 24.45 40. 2016Q2 107.88 63.27% 75.7 31.83% 81.31 0.43% 24.45 40. 2016Q2 107.88 63.27% 75.7 31.83% 81.54 54.55% 16.66 67.	138% 60 97		-32.97%
2015-02   126_E1 6_28%   102_2   17.46%   191_78   151.90%   7.10 \ 77.     2015-04   101_77   136_27%   64_E1   93_77%   85_11   66_27%   11.05   57.     2016-07   101_67   65_58   35_59%   111_04   71.86%   81_67   1.85%   337_28   25%     2016-07   102_28   64_27%   75_7   31_83%   81_31   6_42%   24_64   60_2     2016-07   121_31   12_86%   12_88   88_88%   10_27   10_88%	ATT 61 80		-17.69%
2015Q4   101.77   19.62%   64.62   99.77%   83.25   66.62%   11.05   55.   20164   201641   65.56   85.59%   111.04   71.84%   81.67   1.83%   337.26   387.   2016Q2   107.16   64.75%   75.7   31.83%   81.31   4.42%   24.64   40.   2016Q3   121.31   12.65%   142.88   88.69%   102.25   100.36%   21.11   41.   2016Q4   105.46   13.07%   70.43   59.66%   74.06   54.55%   16.86   76.	15% 62 10		26.05%
2016         2016Q1         65.58         35.59%         111.04         71.84%         81.67         1.83%         337.20 295           2016Q2         207.68         64.27%         75.7         31.83%         81.31         0.47%         24.64         42.           2016Q3         121.31         12.09%         142.88         88.89%         102.95         100.99%         21.11         2.11           2016Q4         115.16         13.07%         70.43         59.69%         74.06         54.55%         16.86         70.	127% 63.13		15.40%
2016Q2         307 kB         64.27%         75.7         31.83%         81.33         6.42%         24.64         42.25           2016Q3         121.31         12.66%         142.88         88.88%         162.95         100.96%         21.21         -1.21           2016Q8         105.66         -13.07%         20.43         -90.66%         74.06         -54.55%         16.86         26.25%	1,69% 64 86		25.60%
2016Q3 121.31 12.00% 142.00 88.60% 102.25 100.36% 21.21 -1. 2016Q4 125.46 -13.07% 20.43 -50.66% 24.06 54.55% 16.86 26		83.69	3.76%
2016Q# 105.46 13.07% 70.43 -90.69% 74.06 54.55% 16.86 X	1 ERNS 66 94		13.41%
	1,52% 67 12		36.83%
	15TH 68 91		-29.56%
	90% 60 80		-5.25%
	46% 70 10		26,73%
	242% 71.15		57,23%
	31% 77 10		-38.65%
	52% 73 10		-5.75%
	189% 74 12	171.08	19,44%
	175% 75 15	156.36	29.34%
2010Q4 111.14 -22.07% 97.50 -04.10% 108 57.67% 22.35 5	34% 76 30	105.74	-32, 27%
2019 2019Q1 00:10 37.87% 29:24 61.48% 100.5 1.39% 350.49 2361	1,04% 37 10	105.13	-0.58%
	50% 78 12		19.76%
2019Q3 L47.73 23.83% 169.45 9.80% 210.66 77.53% 16.36 -76	12% 75 14	148.4T	17.88%
	1,07% 80 10		29,75%
2020 Q1 52.23 53.86% 127.58 #0.96% 68.92 25.40% 546.97 220	18 18 790.	82.44	20.93%
	16% 62 69	89.74	0.85%
METALLIC NON-METALLIC DIL (slee for gas) OTHER NON-METALLIC (for cost)	M	MAG	

CAGR pre-pandemic	2.50%		2.19%		9.40%		-2.33%		2,38%	
CAGR peri-puederoic	2.28%		£.99%		8.50%		-0.29%		2.54%	
AAGR until 2019		11.98%		23.48%		111.04%		780.12%		6.89%
GZ 2019 vs. QZ 2020		-17.83%		43.14%		-52.57%		25.36%	3	19.72%
	MAQ		Metallic Mining	Non-Metallic Mining	Oil (and Gas)	Coal (other non-metallic)				
CAGE pre-panelereic	2.38%		2,50%	2.19%	9.47%	2.59%				
CAGR peri-pandemic	2.54%		2.26%	1.99%	8,50%	-0,79%				
AAGR until 2009	0.88%		13.98%	23.48%	111.04%	780.12%				
Q2 2019 vs. Q2 2020	-28.72%		-17.83%	41.14%	-52.57%	-25.18%				

# Cumulative Number of COVID-19 Positive Cases (1 January 2020 - 30 June 2020)

WORLD	10,457,929
Europe	2,409,237
North America	3,099,966
Oceania	9,477
South America	2,228,423
Africa	388,152
Asia	2,058,031
Rest of the World	264,643

# Cumulative Number of COVID-19 Positive Cases (Philippines, 30 January 2020 - 30 June 2020)

date	total_cases
2020-01-30	1
2020-01-31	1
2020-02-01	1
2020-02-02	2
2020-02-03	2
2020-02-04	2
2020-02-05	2
2020-02-06	2
2020-02-07	3
2020-02-08	3
2020-02-09	3
2020-02-10	3
2020-02-11	3
2020-02-12	3
2020-02-13	3
2020-02-14	3
2020-02-15	3
2020-02-16	3
2020-02-17	3
2020-02-18	3
2020-02-19	3
2020-02-20	3
2020-02-21	3
2020-02-22	3
2020-02-23	3
2020-02-24	3
2020-02-25	3
2020-02-26	3
2020-02-27	3
2020-02-28	3
2020-02-29	3
2020-03-01	3
2020-03-02	3
2020-03-03	3
2020-03-04	3
2020-03-05	3
2020-03-06	5
2020-03-00	6
	10
2020-03-08	
2020-03-10	33
2020-03-11	49
2020-03-12	52
2020-03-13	64

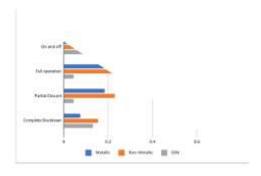
2020-03-14	111
2020-03-15	140
2020-03-16	142
2020-03-17	187
2020-03-18	202
2020-03-19	217
2020-03-20	230
2020-03-21	307
2020-03-22	380
2020-03-23	462
2020-03-24	552
2020-03-25	636
2020-03-26	707
2020-03-27	803
2020-03-28	1075
2020-03-29	1418
2020-03-30	1546
2020-03-31	2084
2020-04-01	2311
2020-04-02	2633
2020-04-03	3018
2020-04-04	3094
2020-04-05	3246
2020-04-06	3660
2020-04-07	3764
2020-04-08	3870
2020-04-09	4076
2020-04-10	4195
2020-04-11	4428
2020-04-12	4648
2020-04-13	4932
2020-04-14	5223
2020-04-15	5453
2020-04-16	5660
2020-04-17	5878
2020-04-18	6087
2020-04-19	6259
2020-04-20	6459
2020-04-21	6599
2020-04-22	6710
2020-04-23	6981
2020-04-24	7192
2020-04-25	7294
2020-04-26	7579
2020-04-27	7777
2020-04-28	7958

2020-04-29	8212
2020-04-30	8488
2020-05-01	8772
2020-05-02	8928
2020-05-03	9223
2020-05-04	9485
2020-05-05	9684
2020-05-06	10004
2020-05-07	10343
2020-05-08	10463
2020-05-09	10610
2020-05-10	10794
2020-05-11	11086
2020-05-12	11350
2020-05-13	11618
2020-05-14	11876
2020-05-15	12091
2020-05-16	12305
2020-05-17	12513
2020-05-18	12718
2020-05-19	12942
2020-05-20	13221
2020-05-21	13434
2020-05-22	13597
2020-05-23	13777
2020-05-24	14035
2020-05-25	14319
2020-05-26	14669
2020-05-27	15049
2020-05-28	15588
2020-05-29	16634
2020-05-30	17224
2020-05-31	18086
2020-06-01	18638
2020-06-02	18997
2020-06-03	19748
2020-06-04	20382
2020-06-05	20626
2020-06-06	21340
2020-06-07	21895
2020-06-08	22474
2020-06-09	22992
2020-06-10	23732
2020-06-11	24175
2020-06-12	24787
2020-06-13	25392

2020-06-14	25930
2020-06-15	26420
2020-06-16	26781
2020-06-17	27238
2020-06-18	27799
2020-06-19	28459
2020-06-20	29400
2020-06-21	30052
2020-06-22	30682
2020-06-23	31825
2020-06-24	32295
2020-06-25	33069
2020-06-26	34073
2020-06-27	34803
2020-06-28	35455
2020-06-29	36438
2020-06-30	37514

#### Peri-Pandemic Qualitative Survey (Metallic Mining, Non-Metallic, and SSM)

How did the communi	ty quaran	tine affect you	r operations?
	Metallic	Non-Metallic	SSM
Complete Shutdown	2	2	3
Partial Closure	. 5		1
<b>Full operation</b>	15	4	1
On and off	5	4	18
N-	27	13	23*
			*1 had no respons
	Metallic	Non-Metallic	SSM
Complete Shutdown	7%	15%	13%
Partial Closure	19%	23%	4%
<b>Full operation</b>	56%	31%	4%
On and off	19%	31%	78%



#### GDP by Industry (at Current Prices, in million PHP)

	2018Q1	2018Q2	201803	2018Q4	2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2
Agriculture, Forestry, and Fishing	429,666	406,441	396,871	529,639	421,152	395,969	391,684	513,406	447,835	424,212
Industry	1,275,598	1,381,005	1,283,471	1,642,451	1,373,465	1,427,878	1,336,001	1,749,956	1,309,357	1,134,753
DAM	40,944	43,339	40,310	38,530	42,484	45,149	37,032	37,161	33,503	31,869
Services	2,395,875	2,782,346	2,769,870	2,972,958	2,628,334	3,033,414	3,001,344	3,243,814	2,697,101	2,571,588
GROSS DOMESTIC PRODUCT	A 101 139	4 649 365	4 865 519	E 146 049	4 422 002	A 467 343	4 776 650	6 669 499	4 840 993	4 130 553

#### Commodity Price Indices (2016-100)

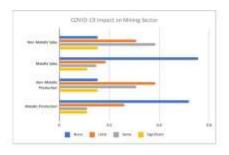
Commodity	Crude Oil	Netanal Ges	Coal	Boso Metals Sans Metals Dates Index 2010	Precious Metals	
Commodity Description	Crude Oil (petroleum), Price Index, 2016 = 100, simple average of three spot prices; Deted Brant, West Texas Intermediate, and the Dubai Futon	Natural Gas Price Index, 2016 = 180, includes European, Jepanese, and American Natural Gas Price Indices	Coal Price Index, 2018 = 198, Includes Australian and South African Coal	Base Metals Price Index. 2016 • 100, Includes Aluminum, Cobalt. Capper, Iron Ore, Lead, Molybdenum, Nickel, Tim, Uranium and Zinc Price Indices	Precious Metata Price Index, 2016 = 100, includes Gold, Silver, Patiedium and Platinum Price Indices	
Data Type	Index	tiides	Index	Index	Index	
2018M1	149.22	155.09	155,44	136.61	107.0	
2018M2	141.81	142.65	152.57	137.62	107.4	
2018M2	142.34	130.09	146.08	152.47	100.0	
2018844	152.80	124.49	144.06	133,66	107.1	
2016M5	167.08	132.94	157.78	134.35	104.8	
2018866	185.24	143,58	167,88	138.01	103.3	
2018M7	167.92	140.46	172.74	126.91	99.3	
2018M8	165.28	149,00	164.00	125.10	96.5	
2018M9	174,60	162.72	163:46	124.62	96.9	
20188410	179.06	154.85	158.98	127.64	96.2	
2018M11	146.29	161.98	147.78	125.88	06.8	
20184612	126.04	153.36	100.03	120.09	101.0	
20/104/1	131.42	133.18	148.34	124.92	104.8	
2019402	142:53	111.27	135.11	134,63	107.4	
201043	148.05	102:54	128.62	136.34	106.3	
2010444	160.45	96.21	116,65	120.58	104.6	
20106/5	157.13	01,08	114.94	128.63	104.0	
2010646	139.92	78.36	104.38	141.34	106.8	
2010427	144.45	78.89	106.29	147.53	114.4	
DOYDMA	136.17	73.99	95.41	133.36	120,6	
0010449	142,33	80,05	94.13	134.73	122.4	
20196410	135.55	83.54	101.83	152.00	121.8	
20108411	142.93	96.16	109.96	126.89	120.1	
3016M12	149-22	87.37	114.81	131.21	121.1	
3920M1	145.14	76.92	119.18	130.35		
30204/2	126.53	81.64	114,74	126.00		
202043	76.22	80.00	101.16	120.11	126.8	
2020044	50.45	46.70	87.55	115.19	136.1	
20204/5	72.25	43.63	80.47	121.64	187.3	
202046	12.83	43.38	81.57	132.11	139.1	

#### Gross Value Added in Mining and Quarrying by Industry, Implicit Price Index

	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019QZ	2019Q3	2019Q4	2020Q1	2020Q2
Mining of coal	76.4	113	234.5	57.3	67.2	75.8	127	37.3	47.9	49.1
Extraction of crude petroleum and natural gas	129.3	55.4	360.9	133,4	129.9	53.9	145.5	123.5	88.8	29.6
Mining of gold ores and other precious metals	102.3	100	104.3	93.2	100.2	101.6	129.1	114.8	141,6	160.5
Mining of nickel ares	129.9	89.1	98.8	183.7	115.5	83.2	111.9	134.9	122.4	88.9
Mining of copper ores	43.3	194.8	136.6	204.2	41.1	187.4	140.8	209.4	34	155.1
Stone quarrying, and other mining and quarrying	92,6	106.2	134.3	85.5	101.2	98.7	125.8	89.7	109.4	109
Gross Value Added in Mining and Quarrying	93.2	87.5	134.5	97.1	93.6	79.5	128.1	97.5	93.4	72.6

#### Peri-Fundernic Qualitative Survey (Metallic and Non-Metallic Mining)

What kind	of effect did the pands	mic have on you production	Tenles bns n	
	Metallic Production	Non-Metalik: Production	Metallic Sales	Non-Metallic Sales
None	14		15	2
Little	7.		5	4
Some	3	4		5
Significant				2
	N(metalic)+	27		
	N(non-metuffic)=	13		
	Metallic Production	Non-Metallic Production	Metallic Sales	Non-Metallic Sales
None	52%	15%	56%	15%
Little	26%	38%	19%	31%
Some	13%	31%	15%	33%
Significant	11%	15%	11%	15%



### Exports of Goods (2018=100, in million PHP)

		% Change		N=
2000	1,451,002			1
2001	1,308,672	-9.81%		2
2002	1,309,836	0.09%		3
2003	1,421,459	8.52%		4
2004	1,461,013	2.78%		5
2005	1,482,008	1.44%		6
2006	1,613,205	8.85%		7
2007	1,652,055	2.41%		8
2008	1,647,293	-0.29%		9
2009	1,481,405	-10.07%		10
2010	1,769,189	19.43%		11
2011	1,697,601	-4.05%		12
2012	1,901,720	12.02%		13
2013	1,817,413	-4.43%		14
2014	2,058,273	13.25%		15
2015	2,132,561	3.61%		16
2016	2,307,014	8.18%		17
2017	2,725,527	18.14%		18
2018	3,081,897	13.08%		19
2019	3,116,492	1.12%		20
2020	2,849,277	-8.57%	-9.70%	21

AAGR till 2019	4.44%
CAGR till 2019	3.90%
CAGR till 2020	3.27%

# Exports of Goods (FOB in million USD)

		% Change
Jan-Mar 2018	16,906,391,406	
Jan-Mar 2019	16,575,519,078	-1.96%
Jan-Mar 2020	15,732,240,646	-5.09%
Apr-May 2018	17,490,354,081	
Apr-May 2019	18,001,746,366	2.92%
Apr-May 2020	12,748,891,537	-29.18%

Top 20 Export Destinations (FOB in '000 USD) and 2020 COVID-19 Statistics

Export				No. of Cumulative
Rank		2019	2020	<b>COVID-19 Positive Cases</b>
1	Japan	10,674,916.70	9,897,221.05	217,312
2	USA	11,566,730.41	9,707,281.12	18,648,989
3	China	9,814,427.52	9,593,520.57	96,324
4	Hong Kong	9,624,897.42	9,092,588.24	96,324
5	Singapore	3,831,791.66	3,757,420.27	58,519
6	Thailand	2,972,480.23	2,881,970.99	6,020
7	South Korea	3,240,829.68	2,525,504.52	56,872
8	Germany	2,723,243.71	2,366,952.58	1,640,858
9	Taiwan	2,253,461.47	2,055,625.03	96,324
10	Netherlands	2,266,052.62	1,892,671.32	754,171
11	Malaysia	1,825,274.25	1,742,801.31	103,900
12	Vietnam	1,269,635.64	1,272,467.54	1,440
13	India	545,445.46	547,982.78	10,187,850
14	Mexico	672,266.38	545,240.90	1,372,243
15	France	801,573.88	472,117.93	2,507,532
16	Indonesia	829,016.23	453,439.80	706,837
17	Switzerland	417,289.15	450,295.52	426,199
18	UK	506,037.44	404,575.66	2,256,009
19	Canada	621,071.60	390,125.46	539,298
20	Australia	398,099.78	356,937.18	28,296
	TOTAL	66,854,541.22	60,406,739.75	

### MAQ Exports (FOB in million USD)

	2019	2020	% Change
Copper Concentrates	552,577.44	159,175.98	-71.19%
Copper Metal	1,252,814.61	1,434,415.47	14.50%
Gold	900,620.83	874,418.51	-2.91%
Iron Ore Agglomerates	14,264.63	153,714.21	977.59%
<b>Chromium Ore</b>	7,673.97	6,678.75	-12.97%
Other Mineral Products	1,947,034.67	2,353,943.38	20.90%
<b>Petroleum Products</b>	225,567.86	177,501.24	-21.31%
Nickel	97.00	n.a.	
TOTAL	4,900,650.99	5,159,847.53	5.29%

# Quarterly Indices on Compensation per Employee at Constant Prices (2016=100)

	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2
Total MAQ	87.20	61.05	133.07	204,06	90.10	62.27	137,59	209.36	86.18	58.56
Total Metallic	63.73	109.86	93.95	159.32	63,87	114.85	97.32	172.14	62.18	102.49
Total Non-Metallic (including coal)	214.71	39.98	581.79	343.79	226.62	40.15	579.19	334.74	229.24	37.85
Crude Oil (for oil and gas)	122.48	120.83	52.78	83.25	143.62	126.66	50.71	76.05	128.24	119.45

# Peri-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

# How has the pandemic negatively affected your activities?

	Metallic	Non-Metallic
Lesser transparency/reporting	4	1
Delay in exploration/development plans	13	6
Cancelled exploration/development plans	1	1
One or more projects got suspended	4	7
One or more projects got shelved	4	1
Fewer benefits for workers	4	2
Decrease in exports	6	1
N=	27	13

	Metallic	Non-Metallic
Lesser transparency/reporting	15%	8%
Delay in exploration/development plans	48%	46%
Cancelled exploration/development plans	496	8%
One or more projects got suspended	15%	54%
One or more projects got shelved	15%	8%
Fewer benefits for workers	15%	15%
Decrease in exports	22%	8%

#### Qualitative Survey on Transparency and Reporting (PH-EITI)

#### Number of Entities that Reported ... the Deadline

	Oil and Gas Companies	Metallic Mining Projects	Non-Metallic Mining Projects	Government Departments/Agencies
Before	2	27	11	2
On	1	1	7	6
Past	0	11	7	0
Did Not Report	2	11	3	1
N=	5	50	28	9

# Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

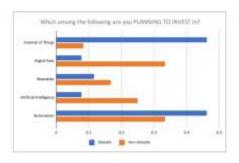
In terms of modern technology, which among the following have you ALREADY INVESTED in?

	Metallic	Non-Metallic
Automation	6	4
Artificial Intelligence	1	4
Wearables	3	2
<b>Digital Twin</b>	3	4
Internet of Things	11	5
N= :	26	12

	Metallic	Non-Metallic
Automation	23%	33%
Artificial Intelligence	4%	33%
Wearables	12%	17%
Digital Twin	12%	33%
Internet of Things	42%	42%

#### Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

n terms of modern ted	thrology, t	which among th	e following are you PLANNING TO INVEST in
	Metallic	Non-Metallic	
Automation	12	4	
Artificial Intelligence	2	1	
Wearables	3	2	
Digital Twin	2	4	
Internet of Things	12	1	
Ne	26	12	
	Metallic	Non-Metallic	
Automation	46%	33%	
Artificial Intelligence	8%	25%	
Wearables	12%	17%	
Digital Twin	8%	33N	
Internet of Things		5%	



### Share of Renewable Energy\* in the Power Mix vis-à-vis Other Sources

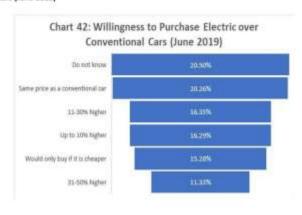
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2000 44.31%
2001 38.65%
2002 36.98%
2003 34.76%
2004 35.02%
2005 33.63%
2006 37.35%
2007 32.85%
2008 35.21%
2009 33.85%
2010 27.44%
2011 29.87%
2012 29.64%
2013 27.56%
2014 26.75%
2015 26.54%
2016 25.29%
2017 25.66%
2018 23.98%
2019 21.34%
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<sup>\*</sup>includes solar, wind, and other renewables

#### Willingness to Purchase Electric over Conventional Cars (June 2019)

Do not know 20.50% Same price as a conventional car 20.26% 11-30% higher 16.35% Up to 10% higher 16.29%

Would only buy if it is cheaper 15.28% 31-50% higher 11.33%



# 2019 Total Energy Primary Supply Mix (in MTOE)

Net Imported Biofuels	24.04
Net Imported Coal	1021.7
Net Imported Oil	1875.12
Oil	54.09
Coal	727.21
Natural Gas	360.6
Geothermal	919.53
Hydro	198.33
Biomass	775.29
Biofuels	36.06
Wind/Solar	18.03

#### Sources of Electricity

	Cost	Gas	Hydra	Solar	Wind	Oli	Other Renewables	No.	
2000	18%	22%	18%	0%	0%	15%	27%	1	
2001	23%	28%	16%	0%	096	16%	23%	. 2	
2002	25%	22%	15%	014	DNG	16%	22%		
2003	26%	23%	15%	0%	0%	16%	19%	. 4	
2004	26%	23%	16%	0%	D%	16%	19%	. 5	
2005	31%	21%	15%	019	D96	15%	18%	- 0	
2006	25%	19%	18%	0%	0%	14%	19%	7	
2007	32%	20%	15%	0%	0%	14%	18%	8 9	
2008	34%	18%	17%	0%	. 0%	13%	18%	. 9	
2009	35%	18%	16%	0%	0%	13%	17%	10	è
2010	38%	20%	12%	0%	0%	1.4%	15%	- 11	
2011	37%	35%	15%	0%	D96	14%	15%	12	
2012	37%	19%	15%	0%	0%	14%	19%	13	
2013	38%	20%	14%	.0%	0%	14%	14%	14	
2014	41%	19%	12%	0%	0%	13%	14%	15	
2015	41%	19%	11%	D%	196	3.4%	15%	10	
2016	41%	20%	9%	1%	1%	14%	14%	17	
2017	43%	3.9%	11%	1%	1%	12%	13%	18	
2018	46%	19%	10%	1%	1%	11%	12%	19	
2019	48%	19%	8%	1%	1%	11%	11%	20	i
AAGR	34,55%	20,20%	13.82%			13.92%	16,92%		
CAGR	4.93%	-0.72%	-3.94%			-1,49%	-4,26%		



# Projected Energy Demand by 2040 (in MTOE) and 23-Year AAGR

	Transport	Household	Industry	Services	Agriculture
Oil Products	34,48	3.35	8.13	4.75	0.79
Electricity	0.3	10	9.69	8.58	0.97
Oil Products (AAGR)	5%	5%	8%	4%	6%
Electricity (AAGR)	17%	7%	7%	7%	7%

#### Ex-Pandemic Qualitative Survey (Metaliic, Non-Metallic Mining, and SSM)

Which aspect/s of NEW/ADDITIONAL government intersection/regulation will adversely affect your bot	tom live?

	Metallic	Non-Metallic	SM
Environmental Concerns		1	19
Indigenous People's Fights		1	18
Workers' health and safety		1	10
Employment terms and compression	- 5	1	18
Licensing and contract repotiations	13	1	14
Familia ownership	1	0	. 0
Continued tariffs on imports	0	1	. 6
N=	36	12	24

36	12	24
Metallic	Man-Metalik	SSM
35%	25%	796
22%	8%	25%
. 89	2%	22%
196	2%	75%
426	35%	58%
4%	thi.	dN.
(2%)	850	7%
	Metalia 25% 22% 25 10% 42% 434	Metalik Mon-Metalik 25% 25% 25% 22% 25% 25% 25% 25% 25% 42% 25% 25% 25%

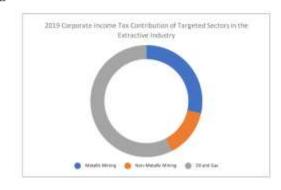


### Impact of EO 130 on Mining Statistics

- A-M-1	20 Figures		Output pe	er each of the ex	isting 309 mini	ng permits/companies
Production	132.69	billion PHP	0.4294	billion PHP		
Export	5.20	billion USD	0.0168	billion USD		
GVA	102.30	billion PHP	0.3311	billion PHP		
Taxes and Fees Paid	25.52	billian PHP	0.0826	billion PHP		
Employment	184	thousand	0.5955	thousand		
Ou	tput from	the initial 35/100 projects to be approved	Output w	ith the remainin	g 65 projects in	the pipeline
Production	15.03	billion PHP	42.94	billion PHP		
Export	0.59	billion USD	1.68	billion USD		
GVA	11.59	billion PHP	33.11	billion PHP		
Taxes and Fees Paid	2.89	billion PHP	8.26	billion PHP		
Employment	20.84	thousand	59.55	thousand		
20	20 Figures		Short-Ter	m Grawth	Long-Run	Projection
Production	132.69	billion PHP	147.72	billion PHP	175.63	billion PHP
Export	5.20	billion USD	5.79	billion USD	6.88	billion USD
GVA	102.30	billion PHP	113.89	billion PHP	135.41	billion PHP
Taxes and Fees Paid	25.52	billion PHP	28.41	billion PHP	33.78	billion PHP
Employment	184	thousand	204.84	thousand	243.55	thousand

### Corporate Income Tax Contributions of Targeted Companies\* in 2019

		Target Number
Metallic Mining	3,270,800,906	52
Non-Metallic Mining	1,590,317,466	23
Oil and Gas	6,601,214,931	5
Extractive Industry	11,462,333,303	
*1	hat reported	



SE Price	of Gold per Dunc	4			85P Non-Mile	Natura Gold E	sports din mili	San LESSE	\$100 Date	
		% Change	No.				% Change		Total Non-Missesian Gald Exports	
1005	414.99		1		2001	16:53		1	Price of Guid per Dunce ASSIS	
1006	1004.34	81,81%			2000	trices.	250%	7 1		600,001,41. moves of gold reproted
1007	679.41	15,16%			2007	266.78	-79			Life 82.15 menes
2000	WILL ST	21,36%			2008	60.60	Arte			21,552.77 Minu of gaid reported
2009	979.66	33.65%	2.8		2009	218.13	-629	- 6		
2010	1,326,66	25,98%			2000	307.40	25%	6	Number of Metalic Moses*	58
3613	1,573.16	38,25%			2001	456.00	110%	. 7	Number of Gold Mixer?	ii .
2613	1,000.00	6,08%			2002	471.67	25			22% Share of Gald Mines in Total Mystalic Mines
2011	1,409.51	25.54%			2011	112.37	346			
1014	1,790.00	60.18%	10		2004	251.00	-009			1.818.56: Miss of gold coperted per miss
3015	1,110.00	16.47%	- 11		2003	345.18	100	- 11	Control of the Contro	\$2,992.86 manum of gold reported per mine
2016	1,351.02	9.00%	12		2006	100.25	1129	12		
2017	1,866.39	0.68%	- 13		2007	689.05	12%	28	Burnber of trittal Millers to be Approved."	16
3048	1,298.93	0.68%	14		200.0	1,150.12	679		*how MG	
1919	1,703.34	0.80%	15		2019	1,394.34	179	20		25,674.74 Islas of additional exports
3000	1,779.75	FC30%	16		2000		179	24		
44	GR (1908-2000)	10.39%			6868	D005-2600	39,31%	0	Remaining Number of Mines in the Pipeline*	
	ER (1905-2000)	9,60%				\$1006-202E	23.36%		the same of the sa	14 of these remaking mines are decreed to be go
2.70	the brakes exceed	****			55744	Dates agent	10,000			28.018.00 blim of additional reports
	Gold Export Pro Cotorio Perillos		Additional D					200000		32. projected new gold mines
		Long-Run			0.338 +22 tong/kun	Send Gold fo Mount Sens	germ Lang-Bun	(in surges) Most form	largetun	22 projected new gold mines mines with EO LIB
	Ceteris Perilisa Shart-Yern	Long-Run	Additional Di +8 Gold Mins		488	Sensi Gold D			Large Bus. Projection	minus with EO 180
	Criteria Perilitus Shart-Yerra Growth	Long-Rive Projection	Additional Ex- els Gold Mins Share form	Lang-Run	+22 tung@pe	Send Gold II Mart Sere	ing tur	Mart-Yers		minus with EO 180
	Cotorio Perifica Shart-Yerra Growth Ja AABB)	Long-Rive Projection (w CAGN)	Additional Ex- els Gold Mins Share form	(a CVEN)	+22 tung@pe	Seed Gold II Mount Some Growth	Long-Bun Projection	Mort-Yern Grewith	Projection	minus with EO 180
pere	Cottonia Perilina Shart-Tame Growth ja 64600) 21,254-27	Long-Run Projection (s-CASIQ) (5-202-77	Additional Di via Gold Mine Share Term (a AAGM) 11,074,74	LONG FOR (In CASA)	+22 tung@pe	Sead Gold III Marth Serie Greenth 21,536,77	Sang-Run Projection ELMS-77	Short-Serie Grewith 1917,921,45	Projection WIC-021-45	minus with EO 180
3628 3623	Cottonio Perilloso Share-Tarno Sirovechi (s. 4.4800) - 21.254-27 20,005-25	Long-Run Projection (s-CAUS) 25,792.77 25,797.72	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,91	LONG FOR (In CASA)	+22 tung@pe	Seat Gold S Mart Sere Greath 21,552.77 45,700.48	Lang Nun Projection ELMS-77 61,442.45	Mart-Term Greeth. 192,921.45 L403,210.75	Projection 892,021,45 1,112,205,19	minus with EO 180
3623 3623	Cottorio Perifica Shart-Torre Scroeth js AADR) 71,2151.77 30,005.75 41,415.60	Long-Run Projection (s-CASP) 35,392.17 35,797.73 88,867.05	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,91	15.674.74 15.740.18	+22 tung@pe	Setal Gold fo Mart Some Growth 21,532.77 45,700.48 63,666.60	Long Nun Projection ELMS-77 61,812.46 65,563.26	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 892,921,45 L192,370,19 LNG,949,66	minus with EO 180
3623 3623 3623	Cottorio Perifica Shart-Torre Scroeth js AADR) 71,2151.77 30,005.75 41,415.60	Long-Run Projection (s. CASH), 25,797,711 26,297,711 26,897,911 68,811,580	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,91	15.674.74 15.740.18	(* Carea) round-serie +51	Setal Gold fo Mart Some Growth 21,532.77 45,700.48 63,666.60	teng flun Projection ELMS-77 61,942,46 65,543,24 68,543,24	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection #82,921.46 L112,702.13 L500,540.06 L804,460.27	minus with EO 180
3623 3623 3623 3628 3628	Cottorio Perifica Shart-Torre Scroeth js AADR) 71,2151.77 30,005.75 41,415.60	Long-Run Projection je CAGNI EL, NO. 17 EL, NO. 78 BL.BET XII BL.BET XII BL.BET XII BL.BET XII BL.BET XII BL.BET XII BL.BET XIII	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,91	15.674.74 15.740.18	(* CNEA) (* CNEA) (* CNEA)	Setal Gold fo Mart Some Growth 21,532.77 45,700.48 63,666.60	Serg Non Projection ELESS 77 91,942,46 95,543,24 96,254,29 96,254,18	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 919, 921, 49 L3102, 793, 18 L3002, 941046 L3002, 94104 L3104, L3104, 17 L3104, L3104, 77	minus with EO 180
3623 3623 3623 3628 3628 3628	Cottorio Perifica Shart-Torre Scroeth js AADR) 71,2151.77 30,005.75 41,415.60	Long-Run Projection js-CAGNQ 25,762,77 25,767,78 38,867,08 68,788,98 52,046,08	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,91	15.674.74 15.740.18	tong Hue (a-CHING)	Setal Gold fo Mart Some Growth 21,532.77 45,700.48 63,666.60	100g Non Projection ELMS-77 91,842.45 95,547.24 96,254.39 96,254.38 117,467.50	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
7020 2021 2022 2024 2024 2025 2025 2027	Cottorio Perifica Shart-Torre Scroeth js AADR) 71,2151.77 30,005.75 41,415.60	Long-Run Projes Daving 15, 2612, 77 15, 267, 78 18, 261, 36 18, 261, 36	Additional by 48 Gold Mine Share form: (a AAGR) 11,674,74 11,686,81	15.674.74 15.740.18	422 tung Rus (a-CRES) 04,217-08 64,830,72 17,467,6)	Setal Gold E Black Some Greath 21,532.77 45,700.46 61,665.40 86,875.40	Tang Bun Proposition (ELMS-277 (ELMS-278 (ELMS-286 (ELMS	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 900, 041.40 1.2002,091.19 1.2002,091.006 1.2004,091.027 1.2704,091.027 1.2704,091.027 1.2704,091.027	minus with EO 180
7020 2021 2022 2024 2024 2025 2025 2027	Criscolo Pecifica Shart-Terra Growth je AABP) 71,254,77 20,025,75 41,215 an will,274,39	Long-Run Projes Daving 15, 2612, 77 15, 267, 78 18, 261, 36 18, 261, 36	Additional Dr ed Gold Mine Share form (a Addit) 11,474-34 31,431-60 Long-fluit	15.674.74 15.740.18	422 (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA) (a-CASA)	Setal Gold II Mart Sons Greath 21,532,77 41,502,40 41,602,40 81,603,40 81,603,40	Long Bun Projection ELMS2-77 91_842-85 95_543_24 94_214-15 117_861_59 140_446_09 167_905_29	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
7020 2021 2022 2024 2024 2025 2025 2027	Criscolo Pecifica Shart-Terra Growth je AABP) 71,254,77 20,025,75 41,215 an will,274,39	Long-Run Projection js-CASH 17 15,767,71 16,607,68 64,016,68 62,046,68 62,046,68 62,046,68 62,046,68 62,046,68	Additional in- eli Gold Mine Short Term (a Addit) 11,674-74 21,431.60	15.674.74 15.740.18	422 Lung-Run (4-CASH) 64-CASH 64-CASH 17-467-AS 90-053-12	Setal Gold E Marth Sone Greath 21,532.77 45,700.46 61,665.40 86,875.40	Long Bun Projection ELMS2-77 91_842-85 95_543_24 94_214-15 117_861_59 140_446_09 167_905_29	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
1626 2621 2623 2625 2625 2625 2627	Criscolo Pecifica Shart-Terra Growth je AABP) 71,254,77 20,025,75 41,215 an will,274,39	Long-Rus Projection js CASH) 25,302,77 25,302,78 26,302,50 64,006,50 52,042,56 75,251,50 USD) West-Turn Project Part Part Part Part Part Part Part Par	Additional Dr ed Gold Mine Share form (a Addit) 11,474-34 31,431-60 Long-fluit	15.674.74 15.740.18	422 Lung-Run (4-CASH) 64-CASH 64-CASH 17-467-AS 90-053-12	Setal Gold II Mart Sons Greath 21,532,77 41,502,40 41,602,40 81,603,40 81,603,40	Long Bun Projection ELMS2-77 91_842-85 95_543_24 94_214-15 117_861_59 140_446_09 167_905_29	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with 80 180
1626 2621 2623 2625 2625 2625 2627	Crearis Pecifical Short-Team University js ALBOR 71,2154.77 20,005.76 41,825-86 98,374.89	Long-Rus Projection to CAMPS 15,797,71 16,897,91 16,897,98 16,2942,58 15,251,59 1680) Bleet-Ares Growth	Additional Disabilities from (a Addition to the Disabilities from (a Addition to the Disabilities from the Disabilities from the Disabilities from the Projection from the Projection from the Disabilities from the Disabil	15.674.74 15.740.18	422 Lung-Run (4-CASH) 64-CASH 64-CASH 17-467-AS 90-053-12	Sensi Gold El Martin Sens Gryssith 21,555,77 41,700,46 G1,665,60 80,400,40 8	Long Ban Projection EL552-77 81,442-85 85,543-24 86,212-15 137,461-58 140,446-06 157,905-29 Senti	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with 80 180
2012 2023 2023 2024 2025 2025 2027	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Rus Projection to CAMPS 15,797,71 16,897,91 16,897,98 16,2942,58 15,251,59 1680) Bleet-Ares Growth	Additional Disabilities from (a Addition to the Disabilities from (a Addition to the Disabilities from the Disabilities from the Disabilities from the Projection from the Projection from the Disabilities from the Disabil	15.674.74 15.740.18	LOG TO A CARDON TO A CARDON TO A CARDON TO TO A CARDON TO TO A CARDON TO THE A	Sensi Gold II Marth Sens Gryesh 21,555.77 42,505.89 G1,665.60 80,675.60 80,6	Lang-Run Projection EL352-77 81,442-80 95-561-34 96,291-39 96,291-39 117,607-50 140,440-00 167,905-29 Field Lang-Run Projection	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
1010 2023 2023 2025 2025 2027	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Blue Projection ps CAMP() 15,747,711 15,747,711 16,847,64 16,242,58 15,251,59 1600) Bluet-Turer Grawth Is AMR()	Additional III dischibited litigeth form (a Additi) TLENAJA TLEMAL AU,431.00 Long-fluid Frojection (a CASSI)	15.674.74 15.740.18	AZE CARRELE DATE OF CARRELE DA	Setal Gold II Machinery Gryesh 21,555.77 42,506.86 51,66	Lang-Ban Pulpeline EL55277 41,45277 41,45274 46,55124 167,46124 167,46125 16	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with 80 180
1020 2021 2023 2024 2024 2024 2024 2024	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Blue Projection js-CASSE-17 15,797,71 16,897-06 64,091-56 62,542-58 75,251-90 USBE-1 Terrer Growth js-Annie Long-50 Long-	Additional Dis- el Gold Mines Street Town: Ja Addition 11,074-3A 10,431.00 Long-fluid England: England: England	15.674.74 15.740.18	425 tong Muse (a CREA) 64,237 68 64,503.75 77,457.45 90,653.12 For occessed in (be-william to) 2005 2007	Senai Gold El Martin Serie Greenth 21,552 71 41,700 46 41,600 46 4	Lang-Ban Pulpotine 21,592,70 95,561,24 95,561,24 96,240,39 107,461,50 107,461,50 107,465,29 Taild Lang-Ban Projection 1,075,00 1,005,00 1,	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with 80 180
1020 2021 2023 2024 2024 2024 2024 2024 2024 2023 2023	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Burn Frojes Euro Js. 20080 JS. 20080 JS. 20080 JS. 2008 JS. 2	Additional Di- eli Gold Mini- Super Town: (a Addit)  11,074.34  11,078.91  20,421.00  Long-fluid Projection 12 CAGN)  LISTER LISTER LISTER LISTER	15.674.74 15.740.18	425 tong Muse [a CREAT)  14,277 68 64,500,717  77,457,45  90,950,12  For consort 5: [in-william LG	Tenal Gold El March Serie Greenth 21,355 77 42,300 en 61,666 60 86,676 en 90 90 90 90 90 90 90 90 90 90 90 90 90	Long-Run Pulpholise 21,592-77 41,492-00 95,501-24 96,292-10 107,605-29 104,440-00 167,005-29 Total Long-Run Pulpholise 1,235-00 2,235-00 1,256-58	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
1010 2011 2013 2015 2015 2017 2017 2011 2011 2011 2011 2012 2014	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Burn Frojes Euro Js. 20080 JS. 20080 JS. 20080 JS. 2008 JS. 2	Additional Di- eli Gold Mini- Sistem Trees (n Addit)  ISLETE, 21.  SULPIA-36.  SULPIA-36.  LOTE-But. SULPIA-36.  LOTE-But. SULPIA-36.  LOTE-But. SULPIA-36.  LOTE-But. SULPIA-36. SULPIA-36. SULPIA-36. SULPIA-36. SULPIA-36.	15.674.74 15.740.18	10.00 (A. 2016)  10.00 (A. 2007)  10.00 (A. 2007)  17.00	Tenal Gold El March Serie Greenth 21,355 77 42,300 en 61,666 60 86,676 en 90 90 90 90 90 90 90 90 90 90 90 90 90	Tang-Run Pedicition 12.15/52.77 10.14/2.A5 10.14/2.A5 10.14/2.A5 10.14/2.A5 10.14/2.A5 10.14/2.A5 10.14/2.A5 10.14/2.A5 1.04/2	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180
1010 2021 2023 2025 2025 2027 2027 2021 2023 2023 2023 2023 2023	Crearis Pecifical Shart-Barris Growth js AABR) 71.2567 77 20,025 75 41.215 88 88.274 88 Price of Earld Or	Long-Burn Frojes Euro Js. 20080 JS. 20080 JS. 20080 JS. 2008 JS. 2	Additional Dis- el Gold Mine March Tawa Ja Akang JL,674-74 BJ,491.60 Long-Bue Frojection Ja CAGN LT,181 AL LT,181 AL LT,181 AL LT,181 AL LT,181 AL LT,181 AL LT,181 AL	15.674.74 15.740.18	422 tong Muse (+ CRSR) 04.830.72 73.467.45 90.653.12 for existen UI 2000 2001 2002 2002	Tenal Gold El March Serie Greenth 21,355 77 42,300 en 61,666 60 86,676 en 90 90 90 90 90 90 90 90 90 90 90 90 90	Lang-Run Puglotine 21,342.74 95,547.24 95,547.24 11,740.75 117,407.50 140,440.00 157,905.29 Facility Lang-Run Puglotine 1,259.00 2,375.00 1,275.00	Mort-Serie Greath 1902-921-45 LANS-219-75 2,016-381-26	Projection 987, 961.49 1.102,790.13 1.102,961.06 1.102,961.06 1.102,861.07 1.774.590.33 4.551.246.13 1.208.1551.14	minus with EO 180

#### Ferenagied Export Value of Michel with EV Market Grawth and EO 103

	Nickel				Export Value of	
	Production Values (MT)	Production Value (PHF)	Peso-Daller E/R	Production Value (USO)	Nickel (USO)	% Share
2013	528,265	90,751,748,589	42,4462	724/016/530125	14,116,898	1.99% ^
2014	-409;133	59,769,317,981	44.3052	1,346,301,356.48	336,108,012	23.78%
2015	422,244	34,206,246,327	45.3028	753,057,977.25	326,101,715	43.70%
3010	347,835	23,717,259,173	47,4925	499, 990, 412 65	295,373,873	51.34%
3017	836,817	24,648,501,008	50.4607	489,031,669.38	444,807,448	90.86%
3019	354,969	29,879,995,398	52,6618	548,409,183.92	374,948,887	68.37%
2019	373,325	31,791,589,489	52,7956	613,767,014.55	.353,720,469	63.58%
2020		88,859,100,189	49.8241	781,068;116.40	448,121,775	60
					AGR (2014-2008)=	56.97%

For mickel matter, mickel cade sinters, and other intermediate products of mickel metallurgy (USC

*granet in the co	regulation of AAQR	given that the	value is regligible

	Export Value of				3020 Deta	
	Hickel Matters, etc.* (USD)	N Change	900		Total Noted * Exports-	446.12 million (6D
3014	120,009,012			1.		
3016	329,103,715	2.3	tibi:	- 3	Number of Metallic blosset*s	50
3016	355,371,079	-22.4	ins.	1.6	Mainber of Nisbei Miles***=	29
3517	444,307,448	-73.9	966	4	**Store MGB	
2010	\$74,948,607	-15.6	1%	5		SEN. Share of Gold Mines in Total Metallic Mines
2019	392,720,465	47	406			
2020	440,121,775	15.6	0%	*		15.36 million USD worth of
	AAGR (2014-2010)= 0.52%	6				exports per nickel mine
	CAGR (2014-2020) - 4,065	8				
					Number of Initial Mines to be Approved**	N.
						[12] 1 - [1]

20 of these initial mines are deemed to be nicke

38 of these remaining mines are deemed to be gold

Parecasted Nickel Export Production (in USD million)

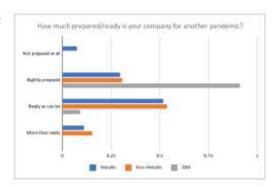
Cartoria Pr	ethus		Additional Exports w	HH 60 136			
	hort-Term	Long-Hun	+20 Nichel Milese		+31	Total Nickel D	sports
	Growth	Projection	Short-Tenn	tong-flun	Long-Run	Short-Yerm	Long-Bun
	(KAAGR)	(x chGR)	(s AAGR)	Di CAGRI	(+ CAGR)	Grewth	Projection
2020	646.12	446.12				496.12	446.52
2021	468.35	467.29	307.67	307.67		756.25	775.46
4316	595-38	490.50	596.59	322.60		872.06	815.11
2025	586,04	504.32	569.04	388.28		955.08	852.60
2024		599.90			391.28		1,478.57
3925		565.48			584.83		1,550.38
30.26		592.95			1,092,72		1,625.66
3027		921.74			1.862.67		2.704.61

# Global EV Market Value and Philippine Nickel Exports Forecasts

		Share of Phil	lippine		
	Global EV Market Value	Nickel Exports			
	Value (in USD billion)	Short-Term	Long-Term		
2020	231.57	0.1927%	0.1927%		
2021	276.58	0.2935%	0.2859%		
2022	330.33	0.2691%	0.2510%		
2023	394.53	0.2468%	0.2204%		
2024	471.21		0.3143%		
2025	562.79		0.2759%		
2026	672.17		0.2422%		
2027	802.81		0.2127%		

### Peri-Pandemic Qualitative Survey

	Metallic	Non-Metallic	SSM
More than ready	1196	15%	096
Ready as can be	52%	54%	9%
Slightly prepared	30%	31%	91%
Not prepared at all	7%	0%	0%

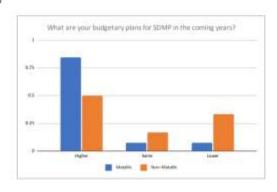


### Ex-Pandemic Qualitative Survey (Metallic and Non-Metalling Mining)

What are your budgetary plans for SOMP in the coming years?

	Metallic	Non-Metallic	
Higher	22	6	
Same	2	2	
Lower	2	4	
N=	26	12	

	Metallic	Non-Metallic
Higher	85%	50%
Same	8%	17%
Lower	8%	33%
Lower	8%	339



## MAQ vis-à-vis GDP (in million PHP)

	2013	2014	2015	2016	2017	2018	2019
Mining and Quarrying (MAQ)	126,453	143,880	119,626	125,898	148,094	163,322	161,656
Gross Domestic Product (GDP)	12,050,592	13,206,828	13,944,157	15,132,381	16,556,651	18,265,190	19,517,863
Share of MAQ to GDP	1.05%	1.09%	0.86%	0.83%	0.89%	0.89%	0.83%
Annual % Changes							
MAQ		13.78%	-16.86%	5.24%	17.63%	10.28%	-1.02%
GDP		9.59%	5.58%	8.52%	9.41%	10.32%	6.86%
Average Annual Growth Rate (AAGR)							
MAQ=	4.84%						
GDP=	8.38%						
Compounded Annual Growth Rate (CAGR)							
MAQ=	3.57%						
GDP=	7.13%						
N=	7						

# 2019 Gross Value Added in Mining and Quarrying, by Industry (at Current Prices, in million PHP)

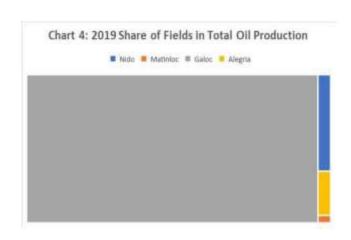
		% Share		
Mining of coal	16,931	10.47%	Coal	10.47%
Extraction of crude petroleum and natural gas	37,303	23.08%	Oil and Gas	23.08%
Mining of precious metal ores	26,870	16.62%	Metallic Mining	35.35%
Mining of nickel ores	20,040	12.40%		
Mining of copper ores	10,228	6.33%		
Stone quarrying, and other mining and quarrying	50,284	31.11%	Non-Metallic Mining	31.11%
Gross Value Added in Mining and Quarrying	161,656			

# Number of Employed Persons by Total Hours Worked: July 2019

		% Share
Philippines	42,951,883	
MAQ	210,961	0.49%
Hours Worked		
Did not work	4,480	2.12%
Under 20	14,345	6.95%
20-29	18,004	8.72%
30-39	18,802	9.11%
40 and over	155,330	75.23%
Total Working	206,481	

## 2019 Oil Production (in barrels)

		% Share
Nido	20,634	2.66%
Matinloc	1,542	0.20%
Galoc	744,449	95.92%
Alegria	9,468	1.22%
	776,093	



### Profilegine Exports by Conemodity Group (GRT+Gloss Register Tonnage)

Petroleum Products

| Singapor | 234,444,307 40.064559% | Singapors | 234,464,307 40.064559% | Singapors | 234,466,397 | Singapors | 234,466,397

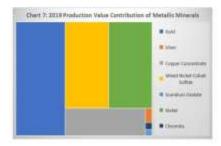
# 2019 Philippine Exports by Commodity Group (FOB in USD)

# Coal

lank			% Share
1	China	437,973,547	95.10%
2	Thailand	15,170,000	3.29%
3	Taiwan	5,057,500	1.10%
4	India	2,300,000	0.50%
5	South Korea	50,653	0.01%
		460,551,700	

#### 3019 Production Value Contribution of Metallic Minerals (in PHP)





Commodity  Commodity Description	of the Lo Market A London	king Committee endon Bullion association, 3 PM fixed 55 per troy	Copper Copper, grade A cathode, LME spot price, CIF European ports, US\$ per metric ton	Nickel, melting grade, LME spot price, CIF European ports, US\$ per metric ton		Cobalt, U.S. cathodes, spot
	ounce			51/5000/3000/F		
Data Type	USD		USD	USD		USD
Frequency	Monthly No		Monthly	Monthly	N=	Monthly
*DDDS**		674 77	3 500 63	6 504 00	14-	
1980M1 1980M2	2	674.37 665.29	2,592.63 2,916.71	6,584.80 6,978.93		
1980M3	3	553.58	2,303.83	6,733.79		
1980M4	4	517.41	2,074.55	6,233.37		
1980M5	5	513.79	2,076.75	6,000.77		
1980M6	6	600.72	2,006.20	6,294.83		
1980M7	7	644.28	2,175.96	6,622.17		
1980M8	8	627.15	2,081.16	6,584.51		
1980M9	9	673.63	2,059.11	6,655.36		
1980M10	10	661.31	2,045.89	6,691.95		
1980M11	11	624.77	2,010.61	6,452.67		
1980M12	12	538.26	1,878.34	6,390.91	. 7	18,160.00
1981M1	13	557.39	1,876.13	6,403.77	2	18,160.00
1981M2	14	499.76	1,803.38	6,370.75	3	17,850.00
1981M3	15	499.11	1,816.61	6,292.43	4	18,250.00
1981M4	16	495.90	1,823.22	6,307.06	5	17,890.00
1981M5	17	479.70	1,746.06	6,352.16	6	16,330.00
1981M6	18	461.09	1,699.76	6,169.46	7	14,280.00
1981M7	19	409,07	1,682,12	6,150.34	8	12,250.00
1981M8	20	410.16	1,787.95	5,999.12	9	10,510.00
1981M9	21	443.75	1,706.38	5,579.06	10	9,690.00
1981M10	22	437.76	1,664.49	5,216.71	11	10,770.00
1981M11	23	413.37	1,651.26	5,100.25	12	12,680.00
1981M12	24	410.09	1,656.67	5,496.03	13	11,410.00
1982M1	25	384.14	1,613.78	5,628.90	14	11,410.00
1982M2	26	374.13	1,596.14	5,716.76	15	10,330.00
1982M3	27	330.25	1,512.37	5,653.36	16	9,890.00
1982M4	28	350.30	1,521.19	5,394.05	17	9,460.00
1982M5	29	333.71	1,530.01	5,211.84	18	8,650.00
1982M6	30	314.98	1,309.54	5,186.70	19	7,960.00
1982M7	31	338.97	1,439.62	5,068.58	20	7,070.00
1982M8	32	364.23	1,450.64	4,953.03	21	5,000.00
1982M9	33	437.31	1,424.18	4,310.30	22	4,850.00
1982M10	34	422.15	1,463.87	3,918.51	23	4,730.00
1982M11	35	414.89	1,444.03	3,433.66	24	4,970.00
1982M12	36	444.50	1,474.89	3,576.27	25	5,380.00
1983M1	37	481.29	1,574.10	3,796.96	26	5,810.00
1983M2	38	491.09	1,649.06	4,228.20	27	6,400.00
1983M3	39	419.70	1,598.35	4,831.77	28	6,130.00
1983544	40	432.68	1,675.51	4,817.79	29	5,930.00
1983M5	41	438.01	1,765.90	5,031.53	30	5,670.00
1983M6	42	412.84	1,701.97	4,883.16	31	5,790.00
1983M7	43	402.91	1,704.17	4,804.04	32	5,780.00
1983M8	44	418.24	1,640.24	4,852.76	33	5,670.00
1983M9	45	411.46	1,560.87	4,910.52	34	5,530.00
1983M10	46	393.21	1,435.21	4,674.15	35	5,850.00
1983M11	47	381.68	1,388.91	4,585:17	36	6,590.00
1983M12	48	388.34	1,415.37	4,657.00	37	6,950.00
1984M1	49	370.89	1,375.68	4,670.48	38	10,740.00
1984M2	50	385.96	1,428.59	4,639.91	39	11,280.00
1984M3	51	394.26	1,501.35	4,780.83	40	11,020.00
1984M4	52	381.37	1,532.21	4,911.41	41	11,190.00

1984M5	53	377.40	1,419.78	4,811.42	42	10,780.00
1984M6	54	377.67	1,364.68	4,773.23	43	11,080.00
1984M7	55	346.72	1,331.59	4,640.18	44	11,010.00
1984M8	56	347,68	1,338.20	4,736.07	45	11,040.00
1984M9	57	340.91	1,294.11	4,705.54	46	11,560.00
1984M10	58	340.17	1,272.07	4,750.29	47	11,530.00
1984M11	59	341.14	1,344.82	4,748.40	48	11,440.00
1984M12	60	320.16	1,320.57	4,858.98	49	11,520.00
1985M1	61	302.58	1,358.05	4,947.17	50	11,570.00
1985M2	62	298.82	1,388.91	5,050.79	51	11,610.00
1985M3	63	303.94	1,389.35	5,211.72	52	11,570.00
1985M4	64	325.27	1,501.35	5,489.50	53	11,530.00
1985M5	65	316.37	1,530.01	5,684.14	54	11,480.00
1985M6	66	316.49	1,433.00	5,553.44	55	11,450.00
1985M7	67	317,22	1,474.89	5,090.47	56	11,320.00
1985M8	68	329.88	1,419.78	4,907.48	57	11,320.00
1985M9	69	322.78	1,366.86	4,570.18	58	11,250.00
1985M10	70	325.84	1,384.50	4,239.48	59	11,150.00
1985M11	71	325.24	1,369.07	4,034.45	60.	10,970.00
1985M12	72	321.72	1,391.12	4,089.57	61	10,630.00
1986M1	73	345.38	1,417.57	4,034.45	62	10,240.00
1986M2	74	339.20	1,404.34	3,988.16	63	9,730.00
1986M3	75	345.70	1,444.03	4,135,87	64	8,720.00
1986M4	76	340.44	1,433.00	4,085.16	65	6,890.00
1986M5	77	342.38	1,417.57	4,043.27	66	5,000.00
1986M6	78	342.72	1,413.16	4,087.37	67	3,990.00
1986M7	79	348.77	1,344.82	3,911.00	68	5,660.00
1986M8	80	376.60	1,302,93	3,807.38	69	5,750.00
1986M9	81	418.97	1,309.54	3,723.60	70	5,650.00
1986M10	82	423.53	1,316.18	3,644.24	71	6,380.00
1986M11	83	397.55	1,302.93	3,642.03	72	6,290.00
1986M12	84	390.92	1,331.59	3,562.67	73	6,290.00
1987M1	85	408.26	1,344.82	3,525.19	74	6,280.00
1987M2	86	401.12	1,380.09	3,716.99	75	6,230.00
1987M3	87	408.91	1,463.87	3,772.10	76	6,290.00
1987M4	88	438.35	1,483.71	3,897.77	77	6,630.00
1987M5	89	460.83	1,518.98	4,435.70	78	6,880.00
1987M6	90	449.59	1,571.89	4,435.70	79	6,620.00
1987M7	.91	450.52	1,693,15	4,753.16	80	6,810.00
1987M8	92	461.15	1,754.88	5,306.52	81	6,780.00
1987M9	93	460.35	1,809.99	5,332.98	82	6,870.00
1987M10	94	465.36	1,966.52	5,692.33	83	6,550.00
1987M11	95	467.57	2,519.88	5,937.04	84	6,670.00
1987M12	96	486.24	2,866.01	7,661.05	85	7,050.00
1988M1	97	476.58	2,660.98	8,073.32	86	6,980.00
1988M2	98	442.87	2,328.08	8,666.36	87	6,880.00
1988M3	99	443.35	2,358.94	15,496.27	88	7,030.00
1988M4	100	451.55	2,283.99	18,011,75	89	7,030.00
1988M5	101	451.07	2,442.72	17,024.08	90	7,030.00
1988M6	102	451.37	2,539.72	15,588.87	91	7,040.00
1988M7	103	437,63	2,213.44	14,592.38	92	7,040.00
1988M8	104	431.26	2,200.21	14,186.73	93	7,110.00
1988M9	105	413.41	2,433,90	11,878.49	94	7,120.00
1988M10	106	406.78	2,936.55	11,558.62	95	7,370.00
1988M11	107	420.46	3,302.52	13,342,36	96	7,490.00
1988M12	108	419,44	3,496.53	16,920.46	97	7,530.00
1989M1	109	404.01	3,392.91	17,725.14	96	7,680.00
1989M2	110	387.51	3,095.29	18,582.47	99	7,580.00
1989M3	111	389.80	3,262.84	17,156.35	100	7,590.00

1989M4	112	384.42	3,117.33	15,261.50	101	7,640.00
1989M5	113	371.05	2,738.14	13,454.00	102	7,700.00
1989M6	114	367.57	2,544.13	12,143.00	103	7,630.00
1989M7	115	374.98	2,503.79	12,275.00	104	7,600.00
1989M8	116	365.10	2,760.18	12,910.00	105	7,750.00
1989M9	117	361.78	2,883.64	11,222.00	106	7,750.00
1989M10	118	367.02	2,859.39	10,425.00	107	7,610.00
1989M11	119	392.36	2,590.43	9,793.00	108	7,640.00
1989M12	120	409.72	2,418,47	8,809.00	109	7,630.00
1990M1	121	409.82	2,365.58	7,056.00	110	7,680.00
1990M2	122	417.18	2,358.94	6,977.00	111	8,030.00
1990M3	123	392,70	2,625.70	9,267.00	112	8,230.00
1990M4	124	374.29	2,685.23		113	8,150.00
1990M5	125	369.20	2,740.34	8,698.00	114	8,140.00
1990M6	126	352.53	2,583.81	8,422.00	115	9,110.00
1990M7	127	362.50	2,769.00	9,318.00	116	11,700.00
1990M8	128	394,63	2,956.40		117	12,420.00
1990M9	129	389.76	3,040.17		118	13,530.00
1990M10	130	381,00	2,742,55	9,145.00	119	12,630.00
1990M11	131	381.79	.2,583.81	8,587.00		13,930.00
1990M12	132	376.68	2,484.61	8,158.00	121	15,690.00
1991M1	133	383.70	2,447.13		122	14,840.00
1991M2	134	364.39	2,447,13		123	14,840.00
1991M3	135	362.76	2,409.65	8,700.00	124	14,840.00
1991M4	136	350.32	2,471.38		125	14,330.00
1991M5	137	356.96	2,340.42	8,499.61	126	13,290.00
1991M6	138	366.91	2,218.07	8,296.50	127	12,880.00
1991M7	139	367,79	2,231,26	8,515.20	128	13,370.00
1991M8 1991M9	140	356.57	2,236.19	8,154.75		14,960.00
	141	348.74	2,318,58		130	17,625.00
1991M10	142	358.81	2,360.65		131	24,380.00
1991M11 1991M12	144	369.59 361.53	2,375,66	7,258.50 7,140.26	132	30,580.00
1992M1	145	354.70	2,150.58	7,531.14	134	28,250.00
1992M2	146	353.78	2,208.89	7,888.00	135	28,330.00
1992M3	147	344.16	2,231.79		136	27,020.00
1992M4	148	338.69	2,214.17		137	26,500.00
1992M5	149	337.10	2,219.32	7,333.95	138	24,750.00
1992M6	150	341.02	2,296.44		139	21,670.00
1992M7	151	352.25	2,527.29	7,516.17	140	19,630.00
1992M8	152	342.89	2,513,47	7,279.75		18,781.25
1992M9	153	345.01	2,419.61	6,918.57	142	15,350.00
1992M10	154	344.89	2,262.46		143	16,312.50
1992M11	155	335.05	2,161.79	5,593.71	144	15,875.00
1992M12	156	334.81	2,211.95		145	15,505.00
1993M1	157	329.03	2,264.21	5,948.10	146	15,958.33
1993M2	158	329.30	2,212.18	6,050.75		16,125.00
1993M3	159	330.10	2,152.38	5,974.91		15,275,00
1993M4	160	342.06	1,953.62	5,987.50		14,800.00
1993M5	161	366,67	1,799.35	5,777.79		13,687.50
1993M6	162	371.81	1,857.87	5,544.32	151	12,875.00
1993M7	163	392.40	1,927.34	5,051.18	152	12,175.00
1993M8	164	378.70	1,951.07	4,740.48	153	12,333.33
1993M9	165	354.40	1,858.25	4,376.05	154	12,216.67
1993M10	166	362,38	1,647.00	4,464.86		11,650.00
1993M11	167	374.17	1,632.57	4,642.27		13,400.00
1993M12	168	383.30	1,723.63	5,139.80		20,750.00
1994M1	169	387.08	1,807.07	5,584.05	158	21,166.67

1994M3	171	383.88	1,913.17	5,590.43 160	24,875.00
1994M4	172	377.32	1,881.37	5,400.26 161	23,562.50
1994M5	173	381.59	2,144.50	6,082.86 162	24,375.00
1994M6	174	385.74	2,363.09	6,287.05 163	23,525.00
1994M7	175	385.40	2,447.24	6,230.57 164	22,437.50
1994M8	176	380.76	2,409.75	5,856.14 165	25,500.00
1994M9	177	391.93	2,504.84	6,370.68 166	27,333.33
1994M10	178	389.59	2,546.02	6,735.86 167	26,687.50
1994M11	179	384.44	2,803.55	7,474.55 168	29,250.00
1994M12	180	379.40	2,980.70	8,540.65 169	30,375.00
1995M1	181	378.55	3,003.26	9,596,19 170	30,000.00
1995M2	182	376.51	2,870.45	8,431.25 171	28,437.50
1995M3	183	381.66	2,919.67	7,522.39 172	27,937.50
1995M4	184	391.04	2,894.89	7,405.00 173	29,000.00
1995M5	185	385.22	2,771.57	7.262.38 174	27,850.00
1995M6	186	387.49	2,987.68	7,877.27 175	27,400.00
1995M7	187	386.24	3,076.45	8,618.00 176	28,812.50
1995M8	188	383.70	3,040.14	8,931.82 177	29,045.00
1995M9	189	383.22	2,910.43	8,397.25 178	29,187.50
1995M10	190	383.07	2,810.07	8,068.86 179	30,875.00
1995M11	191	385.68	2,981.62	8,498.10 180	31,675.00
1995M12	192	387.56	2,918.21	8,074.21 181	31,750.00
1996M1	193	400.07	2,605,00	7,870.71 182	31,125.00
1996M2	194	404.48	2,544.67	8,198.50 183	29,350.00
1996M3	195	396.33	2,563.35	8,046.40 184	28,375.00
1996M4	196	393.14	2,594.17	8,047.00 185	28,500.00
1996M5	197	391.94	2,658.76	8,042.86 186	26,062.50
1996M6	198	385.27	2,177.60	7,713.16 187	22,687.50
1996M7	199	383.59	1,983.93	7,202.61 188	21,400.00
1996M8	200	387.47	.2,017.88	7,037.62 189	22,150.00
1996M9	201	382.96	1,935.07	7,329.81 190	21,887.50
1996M10	202	381.07	1,960.20	7,028.70 191	21,400.00
1996M11	203	378.52	2,215.43	6,960.71 192	21,400.00
1996M12	204	368.98	2,264.60	6,571.05 193	21,887.50
1997M1	205	355.20	2,427.27	7,089.14 194	21,687.50
1997M2	206	346.71	2,406.63	7,736.58 198	19,925.00
1997M3	207	351.81	2,420.18	7,893.21 196	22,468.75
1997M4	208	344.58	2,389,32	7,313.14 197	25,375.00
1997M5	209	343.70	2,513.30	7,476.00 198	23,406.25
1997M6	210	340.48	2,611.29	7,060.00 199	22,562.50
1997M7 1997M8	211	324.09 324.05	2,449.20 2,250.10	6,832.74 200 6,764.45 201	23,475.00
1997M9	213	324.48	2,104.31	6,498.29 202	24,525.00 23,770.00
1997M10	214	323.88	2,050.70	6,373.48 203	25,412.50
1997M11	215	305.35	1,918.50	6,137.25 204	25,650.00
1997M12	216	287.62	1,761.45	5,942,38 205	24,995.00
1998M1	217	289.50	1,687.60	5,489.00 206	24,668.75
1998M2	218			5,367.25 207	
1998M3	219	297.46 295.95	1,664.00	5,397.05 208	24,958.33 24,625.00
1998M4	220	308.29	1,800.13	5,391.00 209	24,500.00
1998M5	221	298.98	1,731.66	5,016.84 210	24,250.00
1998M6	222	292.54	1,656.60	4,456.90 211	22,820.00
1998M7	223	292.75	1,655.67	4,332.62 212	21,787.50
1998M8	224	284.11		4,078.00 213	
1998M9	225	288.98	1,619.93 1,646.77	4,100.91 214	20,837.50 17,750.00
1998M10	226	295.71	1,585.50	3,870.45 215	15,437.50
1998M11	227	293.72		4,117.25 216	
1998M12	228	293.72	1,573.72	3,865.76 217	11,468.75 10,937.50
1999M1	229	286.94	1,432.00	4,264.00 218	
1395W1	2.01	200.94	1,432.00	4,204.00 218	18,083.33

1999M3 231 286.21 1.378.48 5.002.95 220 1999M4 222 28.662 1.485.73 5.05.75 221 1999M6 233 276.91 1.510.45 5.986.75 221 1999M6 224 261.31 1.422.91 5.184.77 223 1999M7 236 256.91 1.646.74 6.411.43 225 1999M7 236 256.91 1.646.74 6.411.43 225 1999M7 237 263.31 1,745.86 7.025.05 226 1999M7 238 310.78 1.745.86 7.025.05 226 1999M7 238 310.78 1.745.88 7.025.05 226 1999M7 239 128.18 1.726.77 7.146.82 228 1999M7 240 282.95 1.754.88 8,072.24 229 1999M7 241 284.07 1.843.85 8,072.24 229 1000M1 241 284.07 1.843.85 8,072.24 229 1000M2 242 290.72 1.807.03 9.555.76 231 1000M3 244 289.55 1.756.88 8,072.24 229 1000M4 244 279.65 1.851.91 9,746.50 232 1000M6 246 285.73 1.752.07 8,384.32 235 1000M6 246 285.73 1.752.07 8,384.32 235 1000M6 246 285.73 1.752.07 8,384.32 235 1000M7 247 281.59 1.803.41 8,174.81 226 1000M8 248 274.53 1.851.91 1.803.41 8,174.81 226 1000M8 248 274.53 1.851.91 1.803.41 8,174.81 226 1000M8 248 275.74 1.785.00 1.0122.91 234 1000M8 248 275.74 1.785.00 1.752.07 8,384.32 237 1000M7 247 281.59 1.803.41 8,774.81 226 1000M8 248 275.75 1.854.81 7.785.00 1.785.00 232 1000M8 248 275.75 1.854.81 7.785.00 1.785.00 232 1000M8 248 276.74 1.785.00 1.785.00 7.365.69 240 1000M8 248 276.75 1.859.91 1.804.81 7.786.80 237 1000M7 247 281.59 1.803.41 8,774.81 226 1000M8 248 276.75 1.805.91 1.804.81 7.785.00 241 1000M7 247 281.59 1.805.81 7.785.60 7.365.69 240 1000M8 248 276.75 1.856.81 7.785.60 7.365.69 240 1000M8 249 277.55 1.856.81 7.785.60 7.365.69 240 1000M8 240 275.55 1.856.81 7.785.60 7.365.69 240 1000M9 240 275.55 1.856.81 7.785.60 7.365.69 240 1000M1 250 268.50 1.785.81 7.785.60 7.365.69 240 1000M9 250 268.50 1.785.81 7.785.60 7.365.69 240 1000M9 250 268.50 1.785.81 7.785.60 7.365.69 240 1000M9 250 268.50 1.785.81 7.785.60 7.366.60 243 1000M7 250 268.50 1.785.81 7.785.60 7.786.60 243 1000M7 250 268.50 1.785.60 1.785.60 7.786.60 243 1000M8 250 269.50 1.785.60 1.785.60 7.786.60 243	
1998MA	8,525.00
1998MS 233 276.91 1.510.45 5.388.79 222 1998MS 234 281.31 1.422.16 5.184.77 223 1998MS 256 29 1.59.91 1.646.74 6.61.31.42 225 1998MS 206 256.91 1.646.74 6.61.31.42 225 1998MS 237 264.31 1.745.88 7.022.09 226 1998M10 238 310.78 1.723.29 7.317.82 227 1998M11 259 293.18 1.726.77 7.446.82 228 1998M11 259 293.18 1.726.77 7.446.82 228 1998M11 241 284.07 1.648.8 8.315.25 200 2000M2 242 299.72 1.807.03 9.553.76 231 2000M3 243 289.52 1.709.80 10.255.40 232 2000M3 243 289.52 1.709.80 10.255.40 232 2000M6 244 270.65 1.661.91 9.746.50 233 2000M6 246 276.74 1.786.10 10.22.91 244 2000M9 240 285.85 1.785.01 1.782.07 8.346.32 255 2000M6 246 286.73 1.782.07 8.346.32 255 2000M6 246 276.74 1.786.10 10.22.91 244 2000M9 240 275.53 1.961.89 8.624.81 238 2000M9 240 275.53 1.961.89 8.624.81 238 2000M1 250 268.93 1.894.37 7.680.64 239 2000M1 255 265.49 1.787.08 6.677.81 242 2001M3 255 265.49 1.787.08 6.677.81 242 2001M3 255 265.49 1.787.08 6.677.81 242 2001M1 255 265.49 1.787.08 6.677.81 242 2001M1 255 265.49 1.787.08 6.677.81 242 2001M1 256 266 270.20 1.786.63 7.786.80 243 2001M2 254 270.20 1.684.85 7.66.64 244 2001M5 257 272.00 1.684.85 7.66.64 244 2001M6 259 277.50 1.896.85 7.66.51 1.465.41 255.266 249 2001M6 259 287.53 1.586.87 5.586.55 246 2001M6 250 288.93 1.894.37 7.680.83 247 2001M6 250 288.93 1.894.37 7.680.85 255 2001M1 256 266 270.20 1.684.85 7.66.64 266 2001M6 259 270.20 1.686.85 7.66.64 266 2001M6 259 270.20 1.686.85 7.66.64 266 2001M6 259 270.20 1.686.85 7.66.64 266 2001M6 259 287.53 1.586.87 6.686.81 247 2001M6 250 268.93 1.894.87 1.787.00 5.656.81 247 2001M6 250 268.93 1.894.87 1.787.00 5.656.81 247 2001M6 250 268.93 1.894.87 1.787.00 5.656.83 255 2001M1 250 266 266.20 1.566.83 255 2002M1 250 266.20 1.566.	6,350.00
1998M6 234 261.31 1.422.16 5.194.77 223 1998M7 255 256 266 1,509.18 5.696.36 224 1998M7 256 256.91 1.646.74 6.431.43 225 1998M6 226 256.91 1.646.74 6.431.43 225 1998M6 277 264.31 1,749.88 7.025.09 226 1998M7 238 310.78 1,723.29 7.317.62 227 1998M11 236 251.8 1,728.77 7,846.82 228 1998M11 236 251.8 1,728.77 7,846.82 228 1998M12 240 286.95 1,764.88 8,073.24 229 2000M1 241 238.07 1,643.35 8,152.52 200 2000M2 242 296.72 1,807.03 9,553.78 231 2000M3 243 286.92 1,739.80 0,055.40 232 2000M4 244 270.65 1,861.91 0,055.40 232 2000M6 246 265.73 1,759.80 0,055.40 232 2000M6 246 265.73 1,759.80 10,025.40 232 2000M6 246 285.73 1,759.80 10,025.40 232 2000M6 246 285.73 1,759.80 10,025.40 232 2000M7 247 281.59 1,803.14 8,174.81 236 2000M7 247 281.59 1,803.14 8,174.81 236 2000M6 246 274.43 1,857.12 8,003.43 237 2000M6 246 274.43 1,857.12 8,003.43 237 2000M6 240 273.53 1,961.89 8,424.81 238 2000M11 251 266.30 1,765.60 0,756.60 239 2000M11 251 266.30 1,765.60 0,766.60 239 2000M11 251 266.30 1,765.60 0,766.60 239 2000M11 251 266.30 1,765.60 0,766.60 239 240 273.53 1,961.89 8,424.81 238 240 273.53 1,961.89 8,424.81 238 240 273.53 1,961.89 8,424.81 238 240 273.53 1,961.89 8,424.81 238 240 240 273.53 1,961.89 8,424.81 238 240 240 273.53 1,961.89 8,424.81 238 240 240 273.53 1,961.89 8,424.81 238 240 240 240 273.53 1,961.89 8,424.81 238 240 240 240 273.53 1,961.89 8,424.81 238 240 240 240 240 240 240 240 240 240 240	6,112.50
1998M7 235 256 69 1 539.18 5.680.36 224 1998M8 256 256.91 1,546.74 6,513.225 1998M9 277 264.31 1,749.68 7,225.09 226 1998M10 238 310.78 1,723.29 7,317.62 227 1998M11 239 293.18 1,725.77 7,346.82 227 1998M11 241 284.07 1,543.85 8,135.22 20. 2000M2 242 296.72 1,807.03 9,853.75 231 2000M3 243 268.92 1,709.80 10,255.40 232 2000M3 243 268.92 1,739.80 10,255.40 232 2000M4 244 274.65 1,681.91 9,746.50 233 2000M6 246 285.73 1,782.07 8,804.32 235 2000M6 246 285.73 1,782.07 8,804.32 235 2000M6 246 285.73 1,782.07 8,804.32 235 2000M6 246 275.34 1,805.00 1,803.14 8,174.81 236 2000M6 246 275.35 1,861.89 8,224.21 238 2000M6 246 275.35 1,861.89 8,224.21 238 2000M1 246 275.35 1,861.89 8,224.21 238 2000M1 246 275.35 1,861.89 8,224.81 238 2000M1 250 268.93 1,785.00 7,735.05 24 2000M1 250 268.93 1,787.00 7,735.05 24 2000M1 250 268.03 1,742.56 6,563.24 2000M1 250 268.20 1,747.00 6,573.3 4,245.20 2000M1 250 268.20 1,747.00 6,573.3 247 2000M0 250 268.20 1,747.00 6,573.3 247 2000M0 250 268.20 1,747.00 6,573.3 247 2000M0 250 268.20 1,560.30 1,742.50 6,560.80 243 2000M0 250 260.20 1,747.00 6,573.3 247 2000M0 250 2	0,581.25
1990M8 236 256.91 1,646.74 6,431.43 225 1998M9 237 264.31 1,745.66 7,029.05 226 1998M9 237 264.31 1,745.66 7,029.05 226 1998M11 239 283.18 1,725.77 7,964.82 227 1998M11 239 283.18 1,726.77 7,964.82 228 1998M12 240 282.95 1,764.88 8,073.24 29 2000M1 241 284.07 1,843.85 8,315.25 20.0 2000M2 242 266.72 1,807.03 9,583.75 231 2000M3 243 288.92 1,739.80 19.255.40 232 2000M4 244 279.65 1,861.91 9,746.50 232 2000M6 245 276.74 1,775.80 19.255.40 232 2000M6 246 285.73 1,752.07 8,364.32 235 2000M6 246 285.73 1,752.07 8,364.32 235 2000M6 246 285.73 1,752.07 8,364.32 235 2000M6 248 274.33 1,857.12 8,034.4 8,174.81 236 2000M6 248 274.33 1,857.12 8,034.3 237 2000M6 248 274.33 1,857.12 8,036.43 237 2000M6 249 273.53 1,661.69 8,674.41 228 2000M10 250 268.93 1,694.37 7,650.64 239 2000M11 251 252 271.45 1,852.40 7,318.00 241 2000M11 251 266.30 1,756.60 7,355.99 240 2000M11 252 252 271.45 1,852.40 7,318.00 241 2000M11 253 265.49 1,767.06 6,975.91 242 2000M6 254 262.29 1,766.13 6,546.80 243 2000M6 256 270.00 1,766.13 6,546.80 243 2000M6 256 270.00 1,766.13 6,546.80 243 2000M6 256 270.00 1,766.13 6,546.80 243 242 2000M6 256 270.00 1,766.13 6,546.80 243 242 2000M9 261 264.47 1,777.06 6,975.91 245 240 2000M9 261 264.47 1,777.06 1,546.24 242 2000M9 261 264.47 1,777.06 1,546.24 242 2000M9 261 264.47 1,777.06 1,546.24 242 2000M9 261 264.47 1,777.07 1,766.13 6,546.80 243 247 240 240 240 240 240 240 240 240 240 240	10,100.00
1999MB 237 284.31 1.749.88 7.029.09 226 1990M10 238 310.78 1.723.29 7.317.62 227 1990M11 239 239.18 1.726.77 7.946.82 228 1999M11 240 240 282.95 1.764.88 8.073.24 229 2000M1 241 284.07 1.843.85 8.315.25 200 2000M2 242 296.72 1.807.03 6.583.75 231 2000M3 243 286.92 1.739.80 10.255.40 232 2000M3 243 286.92 1.739.80 10.255.40 232 2000M3 243 286.92 1.739.80 10.255.40 232 2000M3 244 270.65 1.861.91 9.746.50 233 2000M6 246 285.73 1.785.07 1.785.07 1.785.07 1.785.07 1.785.07 1.722.07 8.384.32 235 2000M6 246 285.73 1.785.07 8.384.32 235 2000M6 246 285.73 1.785.07 8.384.32 235 2000M6 248 274.43 1.857.12 8.038.43 237 2000M6 249 273.53 1.961.80 8.624.21 238 2000M1 250 286.93 1.894.37 7.865.60 232 2000M11 251 266.30 1.765.80 7.355.99 240 2000M11 251 265 271.45 1.852.40 7.318.80 241 2000M11 253 265.40 230 286.93 1.765.80 7.355.99 240 2000M12 252 271.45 1.852.40 7.318.80 241 2000M12 254 262.09 1.766.51 6.584.80 243 2000M1 253 265.80 1.765.80 1.765.80 7.355.99 240 2000M12 255 271.45 1.852.40 7.318.80 241 2000M12 254 262.09 1.766.51 6.584.80 243 2000M1 253 265.80 265.33 1.865.87 6.585.10 245 265 265.00 1.765.51 6.584.80 243 2000M1 253 265 265.33 1.762.16 6.165.18 244 2000M1 256 265 265.33 1.865.87 6.585.11 245 265 265.03 1.765.83 6.584.80 243 2000M1 2 254 262.09 1.766.51 6.584.80 243 2000M1 2 255 271.45 1.852.40 7.318.80 241 2000M1 2 254 262.09 1.766.51 6.584.80 243 2000M1 2 255 271.45 1.852.40 7.318.80 241 2000M1 2 254 262.09 1.766.51 6.584.80 243 2000M1 2 255 271.45 1.852.40 7.318.80 241 2000M1 2 254 262.09 1.766.51 6.584.80 243 2000M1 2 255 271.45 1.852.40 7.318.80 241 22000M1 2 256 271.25 271.45 1.852.40 7.318.80 241 22000M1 2 256 272.00 1.506.47 6.585.80 243 2000M1 2 256 265.00 1.766.51 6.585.80 243 2000M1 2 256 265.00 1.766.51 6.585.80 243 2000M1 2 256 265.00 1.506.80 277.00 1.506.80 250 255 246 2500M1 2 256 250.00 1.506.80 250 255 256 250 2500M1 2 256 250.00 1.506.80 250 255 256 250 2500M1 2 256 250.00 1.506.80 255 256 250 2500M1 2 256 250.00 1.506.80 255 256 250 2500M1 2 257 2500.00 256 256 2500 2500M1 2 257 2 2500.00	00.000,00
1999M10 238 310.78 1.723.29 7.317.62 227 1999M11 239 293.18 1.726.77 7.968.82 228 1999M11 240 282.95 1.764.88 8.073.24 229 2000M1 241 284.07 1.843.85 8.315.25 230 2000M2 242 296.72 1.807.03 6.583.75 231 2000M3 243 28.952 1.738.80 10.255.40 232 2000M3 243 28.952 1.738.80 10.255.40 232 2000M3 244 276.65 1.661.91 0.745.50 233 2000M5 245 276.74 1.785.10 10.122.91 234 2000M6 246 285.73 1.752.07 8.384.32 235 2000M6 246 285.73 1.752.07 8.384.32 235 2000M8 248 274.43 1.857.12 8.038.4 8.174.81 236 2000M8 248 274.43 1.857.12 8.038.43 237 2000M9 249 273.53 1.961.99 8.674.81 238 2000M10 250 268.93 1.894.37 7.850.64 239 2000M11 251 266.30 1.795.60 7.350.59 240 2000M12 252 271.45 1.852.40 7.318.80 241 2000M12 252 271.45 1.852.40 7.318.80 241 2001M1 253 265.40 1.787.06 6.975.91 242 2001M3 255 263.33 1.865.97 6.363.11 245 2001M4 256 260.33 1.865.97 6.363.11 245 2001M5 258 270.20 1.810.47 6.674.33 247 2001M6 258 270.20 1.810.47 6.674.33 247 2001M6 258 270.20 1.810.47 6.674.33 247 2001M7 259 267.53 1.506.77 5.962.55 248 2001M8 261 284.47 1.427.70 5.057.65 250 2001M9 261 284.47 1.427.70 5.057.65 250 2001M9 261 284.47 1.427.70 5.057.65 250 2001M1 263 277.98 1.466.41 5.255.42 249 2001M1 263 277.98 1.566.97 5.962.55 248 2001M1 263 277.98 1.566.97 5.962.55 248 2001M1 263 277.98 1.848.85 5.315.82 253 2001M1 263 277.18 1.434.29 5.315.82 253 2001M1 277.18 1.434.91 1.567.92 266 2002M1 263 280.00 1.566.27 0.96 1.664.95 250 2002M1 263 280.00 1.566.27 0.96 1.566.27 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.266.20 0.96 1.	18,350.00
1998M11	4,000.00
1998M12 240 282.95 1,764.88 8,073.24 229 2000M1 241 284.07 1,454.88 8,315.25 230 2000M2 242 269.72 1,807.03 9,683.75 231 2000M3 243 288.92 1,739.80 10,255.40 232 2000M4 244 270.65 1,661.91 9,746.50 233 2000M6 246 266 285.73 1,752.07 8,384.32 235 2000M6 246 285.73 1,752.07 8,384.32 235 2000M7 247 2811.59 1,805.14 8,774.81 236 2000M6 248 274.43 1,867.12 8,098.43 237 2000M8 249 273.53 1,691.89 8,624.81 238 2000M10 250 269.83 1,867.89 8,624.81 238 2000M11 251 266.30 1,766.80 7,565.99 240 2000M12 252 271.45 1,852.40 7,318.80 241 2001M1 253 265.49 1,766.13 6,646.80 243 2001M3 255 263.03 1,742.16 6,165.18 244 2001M4 266 263.33 1,869.87 6,363.11 245 2001M6 258 270.20 1,766.13 6,646.80 243 2001M6 258 270.20 1,864.85 7,066.48 246 2001M6 259 277.20 1,864.85 7,066.48 246 2001M7 259 267.53 1,526.77 5,552.54 249 2001M9 261 284.47 1,427.70 5,057.65 250 2001M1 263 277.18 1,432.89 5,131.32 252 2001M9 261 284.47 1,427.70 5,057.65 250 2001M1 263 277.18 1,432.28 5,131.32 252 2001M1 263 277.18 1,432.28 5,131.32 252 2001M1 263 277.18 1,432.28 5,131.32 252 2001M1 263 277.18 1,432.29 5,131.32 252 2002M1 264 275.84 1,472.85 5,315.82 253 2002M1 264 275.84 1,472.85 5,315.82 253 2002M1 264 275.84 1,472.85 5,315.82 253 2002M1 266 266.29 1,561.37 6,039.95 255 2002M1 266 266.29 1,561.37 6,039.95 255 2002M4 268 30.268 1,565.69 7,147.61 259 2002M6 270 321.18 1,560.59 7,147.61 259 2002M6 270 321.18 1,560.59 7,147.61 259 2002M6 270 321.18 1,560.59 7,147.61 259 2002M6 270 321.18 1,560.69 7,260.33 265 2002M1 277 30.66 1,565.69 8,339.62 268 2002M1 277 30.66 1,565.69 8,339.62 268 2002M1 277 30.66 1,565.69 8,339.62 268 2003M3 279 340.55 1,565.69 8,339.62 268 2003M3 279 340.55 1,565.69 8,339.62 268 2003M3 279 340.55 1,565.69 8,339.62 268	4,200.00
2000M1	4,437.50
2000M2	4,093.75
2000MAS	5,225.00
2000M4	6,218.75
2000M65	6,543.48
2000M#0   246	4,977.27
2000M67	3,071.43
2000M8	3,934.78
2000M9	5,029.76
2000M10   250   289.93   1,894.37   7,650.64   239   2000M11   251   266.30   1,795.60   7,350.59   240   2000M12   252   271.45   1,852.40   7,318.50   241   2001M1   253   266.49   1,767.06   6,975.91   242   2001M2   254   262.09   1,766.13   6,456.50   243   2001M3   255   263.03   1,742.16   6,165.18   244   2001M4   256   260.33   1,865.97   6,363.11   245   2001M5   257   272.09   1,884.85   7,086.42   246   2001M6   259   270.20   1,810.47   6,674.33   247   2001M6   259   270.20   1,810.47   6,674.33   247   2001M6   259   267.53   1,526.77   5,962.55   248   2001M8   250   272.09   1,466.41   5,525.64   249   2001M8   260   272.09   1,466.41   5,525.64   249   2001M9   261   284.47   1,427.70   5,057.65   250   2001M10   262   282.27   1,377.38   4,830.76   251   2001M11   263   277.16   1,434.26   5,131.32   252   2001M11   263   277.16   1,434.26   5,131.32   252   2001M12   264   275.84   1,472.85   5,315.82   253   2002M1   265   281.00   1,566.23   6,061.36   234   2002M2   266   266.29   1,561.37   6,039.95   255   2002M4   268   302.68   1,561.37   6,039.95   255   2002M6   270   321.18   1,650.59   7,147.61   258   2002M6   270   321.18   1,650.59   7,147.61   258   2002M6   273   319.14   1,478.93   6,664.95   262   2002M6   274   316.56   1,486.17   6,818.91   263   2002M11   275   330.44   1,581.04   7,314.81   264   2002M6   273   319.14   1,478.93   6,664.95   262   2002M6	6,681.82
2001M1	6,000.00
2001M1	6,000.00
2001M2	3,500.00
2001MS         255         263.03         1,742.16         6,165.18         244           2001M4         256         260.33         1,665.97         6,363.11         245           2001M5         257         272.09         1,684.85         7,086.48         246           2001M6         258         270.20         1,510.47         6,674.33         247           2001M7         259         267.53         1,526.77         5,962.55         248           2001M8         260         272.09         1,466.41         5,525.64         249           2001M9         261         284.47         1,427.70         5,067.65         250           2001M10         262         282.27         1,377.38         4,830.78         251           2001M11         283         277.18         1,434.29         5,131.32         252           2002M1         264         275.84         1,472.85         5,315.82         253           2002M1         265         281.00         1,508.23         6,081.32         264           2002M3         266         295.29         1,561.37         6,039.95         255           2002M4         268         302.88         1,588.57	3,900.00
2001M4         256         260.33         1,665.97         6,363.11         245           2001M5         257         272,09         1,684.85         7,086.48         246           2001M6         258         270,20         1,610.47         6,674.33         247           2001M7         259         267.53         1,526.77         5,962.55         248           2001M8         260         277.09         1,466.41         5,525.64         249           2001M9         261         284.47         1,477.10         5,687.65         250           2001M10         262         282.27         1,377.38         4,830.78         251           2001M11         263         277.18         1,434.29         5,131.32         252           2001M12         264         275.54         1,472.85         5,315.82         253           2002M1         265         281.00         1,506.23         6,061.96         264           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,807.39         6,543.20         256           2002M4         268         302.68         1,586.57	4,272.73
2001M5	14,119.05
2001M6         258         270.20         1,510.47         6,674.33         247           2001M7         259         267.53         1,526.77         5,962.55         248           2001M8         250         272.99         1,466.41         5,525.64         249           2001M9         261         284.47         1,427.70         5,057.65         250           2001M10         262         282.27         1,377.38         4,830.78         251           2001M11         283         277.18         1,434.29         5,131.32         252           2001M12         264         275.54         1,472.85         5,315.82         253           2002M1         265         281.00         1,506.23         6,061.36         254           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,807.39         6,543.20         296           2002M5         268         314.49         1,597.02         6,771.18         288           2002M5         270         321.18         1,695.99         7,147.61         259           2002M6         271         213.29         1,586.28	0,908.70
2001M7         259         267.53         1,528.77         5,962.55.248           2001M8         260         272.09         1,466.41         5,525.64.249           2001M9         281         284.47         1,427.70         5,057.65.250           2001M10         262         282.27         1,377.38         4,830.78.251           2001M11         283         277.18         1,434.29         5,131.32.252           2001M12         264         275.84         1,472.85         5,315.82.253           2002M1         265         281.00         1,508.23         6,061.36.284           2002M2         266         295.29         1,561.37         6,039.95.256           2002M3         267         294.05         1,807.39         6,543.20.266           2002M3         267         294.05         1,807.39         6,543.20.266           2002M4         288         302.68         1,588.57         6,956.81.257           2002M5         269         314.49         1,597.02         6,771.8.258           2002M6         270         321.18         1,690.59         7,147.61.259           2002M7         271         313.29         1,588.28         7,137.70.260           2002M	0,814.29
2001M8         260         272.09         1,466.41         5,525.64         249           2001M9         281         284.47         1,427.70         5,057.65         250           2001M10         262         282.27         1,377.38         4,830.78         251           2001M11         263         277.18         1,434.29         5,131.32         252           2001M12         264         275.84         1,472.85         5,315.82         253           2002M1         265         281.00         1,508.23         6,061.36         254           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,007.39         6,543.20         296           2002M4         268         302.68         1,588.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,680.59         7,147.61         259           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92	0,293.18
2001M9         281         284.47         1,427,70         5,057,65         250           2001M10         262         282.27         1,377.38         4,830.78         251           2001M11         263         277.18         1,434.28         5,131.32         252           2001M12         264         275.84         1,472.85         5,315.82         253           2002M1         265         281.00         1,506.23         6,061.36         254           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,807.36         6,543.20         286           2002M4         288         302.68         1,585.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,680.59         7,147.61         258           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         274         316.56         1,486.17	9.681.52
2001M10   262   282.27	9,312.50
2001M11         283         277.18         1,434.28         5,131.32         252           2001M12         264         275.84         1,472.85         5,315.82         253           2002M1         265         281.00         1,508.23         6,061.36         254           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,907.39         6,543.20         296           2002M4         288         302.68         1,588.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,650.59         7,147.61         259           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.89         261           2002M9         273         319.14         1,789.93         6,664.95         262           2002M10         274         316.56         1,486.17         6,818.91         263           2002M11         275         320.44         1,581.04	8,250.00
2001M12         264         275.84         1,472.85         5,315.82         253           2002M1         265         281.00         1,508.23         6,061.36         254           2002M2         266         296.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,607.36         6,543.20         256           2002M4         288         302.68         1,585.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M8         270         321.18         1,680.59         7,147.61         259           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.83         6,864.95         262           2002M10         274         316.56         1,486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2003M1         276         332.04         1,582.96	8,250.00
2002M1         265         281.00         1,508.23         6,061.36         254           2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,607.39         6,543.20         258           2002M4         268         302.68         1,585.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,690.59         7,147.61         259           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.93         6,864.95         262           2002M10         274         316.56         1,486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,582.96         7,208.33         265           2003M1         277         366.86         1,650.31	7,592.66
2002M2         266         295.29         1,561.37         6,039.95         255           2002M3         267         294.05         1,607.36         6,543.20         296           2002M4         288         302.68         1,585.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,650.59         7,147.61         259           2002M7         271         313.29         1,588.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.93         6,864.95         262           2002M10         274         316.56         1,486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,582.96         7,208.33         265           2003M1         277         366.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,682.15	6,950.00
2002M3         267         294.05         1,607.39         6,543.20         256           2002M4         268         302.68         1,588.57         6,956.81         257           2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,650.59         7,147.61         259           2002M7         271         313.29         1,568.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.93         6,664.95         262           2002M10         274         316.56         1,486.17         6,818.91         283           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,580.36         7,206.33         265           2003M1         277         366.86         1,580.31         8,032.81         266           2003M2         278         358.97         1,682.15         8,607.90         267           2003M3         279         340.55         1,665.69	6,950.00
2002M4         268         302,68         1,588,57         6,956,81         257           2002M5         269         314,49         1,597,02         6,771,18         258           2002M6         270         321,18         1,650,59         7,147,61         259           2002M7         271         313,29         1,588,28         7,537,70         260           2002M8         272         310,28         1,482,92         6,736,56         261           2002M9         273         319,14         1,478,93         6,664,95         262           2002M10         274         316,56         1,486,17         6,818,91         263           2002M11         275         320,44         1,581,04         7,314,81         264           2002M12         276         332,04         1,582,96         7,206,33         265           2003M1         277         366,86         1,650,31         8,032,81         266           2003M2         278         358,97         1,682,15         8,607,90         267           2003M3         279         340,55         1,665,69         8,339,62         268           2003M4         280         328,16         1,551,10	6,765.48
2002M5         269         314.49         1,597.02         6,771.18         258           2002M6         270         321.18         1,660.59         7,147.61         259           2002M7         271         313.29         1,568.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.93         6,664.95         262           2002M10         274         316.56         1,486.17         6,818.91         283           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,562.96         7,206.33         265           2003M1         277         366.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,882.15         8,607.90         267           2003M3         279         340.55         1,856.69         8,339.52         268           2003M4         280         328.16         1,567.87         7,830.53         269           2003M5         281         355.68         1,651.10	6,625.00
2002M8         270         321.18         1,650.59         7,147.61         259           2002M7         271         313.29         1,568.28         7,137.70         260           2002M8         272         310.28         1,482.92         6,736.86         261           2002M9         273         319.14         1,478.93         6,664.95         262           2002M10         274         316.56         1,486.17         6,818.91         283           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,562.96         7,206.33         265           2003M1         277         366.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,882.15         8,607.90         267           2003M3         279         340.55         1,856.69         8,339.52         268           2003M4         280         328.16         1,567.87         7,830.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,684.78
2002M7         271         313.29         1.588.28         7,137.70         260           2002M8         272         310.28         1.482.92         6,736.86         261           2002M9         273         319.14         1.478.93         6,864.95         262           2002M10         274         316.56         1.486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,592.96         7,206.33         265           2003M1         277         366.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,882.15         6,607.90         267           2003M3         279         340.55         1,656.69         8,339.62         268           2003M4         280         328.16         1,567.87         7,930.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,706.25
2002M8         272         310.28         1.482.92         6,736.86         261           2002M9         273         319.14         1.478.93         6,864.95         262           2002M10         274         316.56         1.486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,582.96         7,206.33         265           2003M1         277         366.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,882.15         6,607.90         267           2003M3         279         340.55         1,656.69         8,339.62         268           2003M4         280         328.16         1,567.87         7,930.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,788.04
2002M9         273         319.14         1,478.93         6,864.95         262           2002M10         274         316.56         1,486.17         6,818.91         263           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,582.96         7,206.33         265           2003M1         277         396.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,882.15         6,607.90         267           2003M3         279         340.55         1,656.69         8,339.62         268           2003M4         280         328.16         1,567.87         7,930.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,613.54
2002M10         274         316.56         1,486.17         6,818.91         283           2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,582.96         7,206.33         265           2003M1         277         356.86         1,650.31         8,032.81         266           2003M2         278         358.97         1,682.15         6,607.90         267           2003M3         279         340.55         1,656.69         8,339.62         268           2003M4         280         328.16         1,567.87         7,930.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,885.71
2002M11         275         320.44         1,581.04         7,314.81         264           2002M12         276         332.04         1,592.96         7,206.33         265           2003M1         277         356.86         1,650.31         8,032.81         296           2003M2         278         358.97         1,882.15         8,607.90         267           2003M3         279         340.55         1,856.69         8,339.62         268           2003M4         280         328.18         1,567.87         7,930.53         269           2003M5         281         355.68         1,651.10         8,347.73         270	6,188,04
2002M12         276         332.04         1,592.96         7,206.33 265           2003M1         277         366.86         1,650.31         8,032.81 266           2003M2         278         358.97         1,882.15         8,607.90 267           2003M3         279         340.55         1,856.68         8,339.62 268           2003M4         280         328.18         1,587.87         7,930.53 269           2003M5         281         355.68         1,651.10         8,347.73 270	6,185.71
2003M1     277     366.86     1,650.31     8,032.81     266       2003M2     278     358.97     1,682.15     8,607.90     267       2003M3     279     340.55     1,656.69     8,339.62     268       2003M4     280     328.16     1,587.87     7,930.53     269       2003M5     281     355.68     1,651.10     8,347.73     270	6,551.14
2003M2     278     358.97     1,682.15     8,607.90     267       2003M3     279     340.55     1,665.69     8,339.62     268       2003M4     280     328.16     1,587.87     7,890.53     269       2003M5     281     355.68     1,651.10     8,347.73     270	3,724.80
2003M3     279     340.55     1,856.69     8,339.62 268       2003M4     280     328.16     1,587.87     7,930.53 269       2003M5     281     355.68     1,651.10     8,347.73 270	14,426,48
2003M4         280         328.18         1,567.87         7,930.53 269           2003M5         281         355.68         1,651.10         8,347.73 270	6,688.54
2003M5 281 355.68 1,651.10 8,347.73 270	6,924.46
	7,937.89
	9,538.03
	9,581.40
	9,234.44
	8,828.78
	19,552.10
	5,581.51
	14,005.51 19,222.59

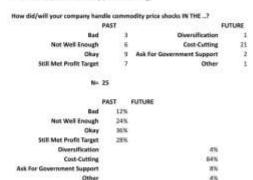
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2004M2	290	404.88	2,751,72	15,099.35 279	50,171.15
2004M3	291	406.67	3,000.28	13,786.54 280	48,601.61
2004M4	292	403.26	2,926.98	12,725.90 281	46,839.23
2004M5	293	383.78	2,728.46	11,228.61 282	46,214.59
2004M/5	294	392.37	2,689.05	13,599.36 283	45,381.65
2004M7	295	398.09	2,816.80	15,020.07 284	43,829.22
2004M8	296	400.51	2,844.20	13,639.62 285	42,959.65
2004M9	297	405,28	2,903.17	13,430.36 286	40,463.89
2004M10	298	420.46	3,009.40	14,378.48 287	31,063.64
2004M11	299	439.38	3,130.31	14,089.51 288	32,403.36
2004M12	300	442.08	3,139.79	13,764,98 289	34,645.42
2005M1	301	424.03	3,168.10	14,583.75 290	33,487.84
2005M2	302	423.35	3,247.10	15,415.60 291	30,406.81
2005M3	303	434.32	3,378.90	16,239.90 292	32,460.45
2005M4	304	429.23	3,389.81	16,138.33 293	29,070.72
2005M5	305	421.87	3,241.90	17,002.25 294	26,714.33
2005M6	306	430.66	3,529.73	16,113.18 295	25,135.32
2005M7	307	424.48	3,608.48	14,587.60 296	29,046.21
2005M8	308	437.93	3,791.91	14,962.00 297	29,206.51
2005M9	309	458.05	3,850.66	14,154.55 298	25,262.83
2005M10	310	469.90	4,056.17	12,431.12 299	25,066.68
2005M11	311	476,67	4,278.16	12,235.05 300	26,867.50
2005M12	312	510.10	4,577.03	13,490.45 301	25,742.30
2006M1	313	549.86	4,743,86	14,660.81 302	23,816.45
2006M2	314	555.00	4,974.98	14,974.50 303	25,487.89
2006M3	315	557.09	5,123.67	14,925.48 304	28,037.63
2006M4	316	610.65	6,404.44	18,028.89 305	28,344.52
2006M5	317	675.39	8,059.19	21,131.33 306	26,557.02
2006M6	318	596.15	7,222.77	20,585.91 307	26,079.91
2006M7	319	633.71	7,726.74	26,185.71 308	31,604.26
2006M8	320	632.59	7,690.25	30,468.86 309	35,804,25
2006M9	321	598.19	7,822.64	29,702.62 310	34,671.08
2006M10	322	585.78	7,497.41	32,551.14 311	36,271.36
2006M11	323	627.83	7,029.30	31,891.59 312	52,650.76
2006M12	324	629.79	6,680.97	34,400.53 313	47,896.25
2007M1	325	631,17	5,689.34	36,821.59 314	48,680.27
2007M2	326	664.75	5,718,15	41,078.25 315	55,929,12
2007M3	327	654.90	6,465.30	46,125.23 316	57,833.44
2007M4	328	679.37	7,753.34	49,958.58 317	54,685.37
2007M5	329	666.86	7,677.95	51,783.33 318	52,152.01
2007M6	330	655.49 665.30	7,514.24	41,551.67 319	49,984.32
2007M7	331	500000	7,980.93	33,400.23 320	46,381.59 52,218.59
2007M8 2007M9	332 333	665.41 712.65	7,500.20	27,649.64 321 29,548.40 322	
2007M10			7,671.35 8,020.59		54,467.58
2007M11	334 335	754.60 806.25		31,156.00 323 30,505.64 324	59,468,67 72,600.81
	336		8,957.43		83,037.81
2007M12 2008M1		803.20	6,630.74	26,053.56 325	
2008M2	337 338	889.60 922.30	7,078.91	27,774.77 326 28.064.95 327	91,011.23 96,022.92
2008M3	339	968.43	8,434.32	31,093.05 328	92,483.82
2008M4	340	909.70	8,714.18	28,776.82 329	88,923.57
2008M5	341	888.66	8,356.13	25,686.50 330	84,657.57
2008M6	342	889.49	8,292.00	22,562.57 331	74,009.38
2008M7	343	939.77	8,407.02	20,106.96 332	50,482.28
2008M8	344	839.03	7,633.80	19.111.80 333	58,288.82
2008M9	345	829.93	6,975.11	17,781.86 334	62,763.44
2008M10	346	806.62	4,894.89	12,144.87 335	41,394.17
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EGODBITT.	341	700.00	3,120.10	10,770,00 330	21,000.00

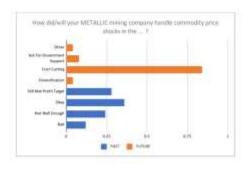
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2009M1	349	858.69	3,260.36	11,562.95	30,60	1.63
2009M2	350	943.16	3,328.41	10,410.75	39 26,49	4.92
2009M3	351	924.27	3,770.88	9,710.73	40 29,16	5.11
2009644	352	890.20	4,436.93	11,331.60	41 29,79	6.95
2009M5	353	928,64	4,591.46	12,720.08	42 27,44	7.08
2009M6	354	945.67	5,015.43	14,944.36	43 31,91	6.30
2009M7	355	934.23	5,228.41	16,017.39	44 35,06	4.37
2009M8	356	949.38	6,176.88	19,375.93	45 35,72	6.74
2009M9	357	996.59	6,195.75	17,404.64	46 32,31	2.21
2009M10	358	1,043.16	6,305.99	18,489.48	47 37,96	0.59
2009M11	359	1,127.04	5,682,44	16,911.33	48 37,85	5.05
2009M12	360	1,134.72	6,976.98	17,121.62	49,70	2.42
2010M1	361	1,117.96	7,367.38	18,405.55	50 41,50	10.8
2010M2	362	1,095.41	6,867.68	19,060.55	51 37,41	
2010M3	363	1,113.34	7,466.93	22,467.17		
2010M4	364	1,148.69	7,729.84		153 40,47	
2010M5	365	1,205.43	6,843.16	21,930.00		
2010M6	366	1,232.92	6,501.50		55 38,06	
2010M7	367	1,192.97	6,750.57	19,548.52		
2010M8	368	1,215.81	7,302.67		57 41,18	
2010M9	369	1,270.98	7,729.59	22,690.14		
2010M10	370	1,342.02	8,289.76	######################################	59 37,10	
2010M11	371	1,369.89	8,458.42	22,836.23		
2010M12	372	1,390.55	9,152.86	24,099.57		
2011M1	373	1,356.40	9,533.20		62 39,77	
2011M2	374	1,372.73	9,880.94	28,412.18		
2011M3	375	1,424.01	9,503.36		64 37,02	
2011M4	376	1,473.81	9,482.75	26,332.17		
2011M5	377	1,510,44	8,931.68		66 36,01	
2011M6	378	1,528.66	9,066.85		67 35,11	
2011M7	379	1,572,81	9,650,46	23,847,95		
2011M8 2011M9	380 381	1,755.81	8,997.99		69 34,52	
2011M9 2011M10	382	1,771.85 1,665.21	8,300.14 7,384.19	20,377.59 19,039.05	70 30,60 71 28,69	
2011M10	383	1,738.98	7,581.02	17,873.00		
2011M12	384	1,652.31	7,558.88		73 33,00	
2012M1	385	1,656.12	8.061.92	19,908.62		
2012M2	386	1,742.62	8,441.49	20,393.67	48 (511) T	
2012M3	387	1,673.77	8,470.78		76 30,79	
2012M4	388	1,650.07	8,285.53	17,892.82		
2012M5	389	1,585.50	7,896.91		78 28,83	
2012M6	390	1,596.70	7,428.29		79 28,39	
2012M7	391	1,593.91	7,584.26		80 29,05	
2012M8	392	1,626.03	7,510.43		81 29,22	
2012M9	393	1,744.45	8,087.74	17,287.96		
2012M10	394	1,747.01	8,062,03	17,168.74		
2012M11	395	1,721.14	7,711.23	16,335.36		
2012M12	396	1,688.53	7,966.49	17,448.50		
2013M1	397	1,670.95	8,053.74	17,494.07	86 25,44	1.33
2013M2	396	1,627.59	8,060,93	17,690.10		
2013M3	399	1,592.86	7,652.38	16,731.70		
2013M4	400	1,485.08	7,221.16	15,629,31	89 27,98	4.38
2013M5	401	1,413.50	7,248.71	14,948.23		7.54
2013M6	402	1,342.36	7,000.24	14,280.28		
2013M7	403	1,286.72	6,906.64	13,750.32		
2013M8	404	1,347.10	7,186.25	14,308.26		
2013M9	405	1,348.80	7,159.27	13,801,39	94 27,03	7.96
2013M10	406	1,316.18	7,203.02	14,117.65	95 26,17	2.48

2013M11	407	1,275.82	7,070.65	13,684.01	396	26,587.78
2013M12	408	1,225.40	7,214.90	13,924.55	397	28,134.57
2014M1	409	1,244.80	7,291.47	14,101.25	398	31,081.85
2014M2	410	1,300.98	7,149.21	14,203.55	399	30,899.43
2014M3	411	1,336.08	5,650.04	15,678.10	400	29,771.85
2014M4	412	1,299.00	6,673.56	17,373.60	401	29,993.23
2014M5	413	1,287.53	6,891,13	19,401.08	402	30,458.60
2014M6	414	1,279.10	6,821,14	18,628.81	403	31,897.20
2014M7	415	1,310.97	7,113.38	19,117.65	404	32,341.56
2014M8	416	1,295.99	7,001.84	18,600.20	405	32,350.74
2014M9	417	1,238.82	6,872.22	18,034.80	406	31,142.42
2014M10	418	1,222.49	5,737.4B	15,812.37	407	30,752.14
2014M11	419	1,176.30	6,712.85	15,807.05	408	30,945.21
2014M12	420	1,202.29	6,446.45	15,962.05	409	30,749.48
2015M1	421	1,251.85	5,830.54	14,849.19	410	29,155.38
2015M2	422	1,227.19	5,729.28		411	27,568.78
2015M3	423	1,178,63	5,939.67		412	28,827.28
2015M4	424	1,197.91	6,042.09	12,830.93		30,066.58
2015M5	425	1,199.05	6,294,78		414	30,650.39
2015M6	426	1,181.50	5,833.01	12,825.23		31,579.87
-2015M7	427	1,130.04	5,456.75	11,413.10		29,243,95
2015M8	428	1,117.48	5,127.30	10,386.00		27,714.31
2015M9	429	1,124.53	5,217.25		418	27,499.05
2015M10	430	1,159.25	5,216.09	10,316,83		24,413.70
2015M11	431	1,085.70	4,799,90	9,244.33		23,951.18
2015M12	432	1,068.25	4,638.83	8,707.79	421	23,134.60
2016M1	433	1,097.38	4,471.79	7579HV6	422	22,275.88
2016M2	434	1,199.91	4,598.62		423	22,982.52
2016M3	435	1,246.34	4,953.80	8,717.25		23,000.50
2016M4	436	1,242.26	4,872.74	\$500000	425	23,413.63
2016M5	437	1,259.40	4,694.54		426	23,692.73
2016M6	438	1,276.40	4,641.97		427	25,085.52
2016M7 2016M8	439 440	1,337.33	4,864.90	10,262.86	428	26,296.59
2016M9	441	1,341.09	4,751.67 4,722.20		429 430	26,625.00 28,205.67
2016M10	442	1,286.57	4,731.26	10,259.74		29,258.41
2016M11	443	1,235.98	5,450.93	11,128.91	432	31,589.38
2016M12	444	1,151.40	5,660.35	10,972.28	433	34,720.38
2017M1	445	1,192.62	5,754.56		434	43,005.00
2017M2	446	1,234.36	5,940.91	10,643.30	435	52,765.22
2017M3	447	1,231,09	5,824.63		436	55,305.58
2017M4	448	1,265.63	5,683.90		437	54,941.94
2017M5	449	1,245.00	5,599.56	9,155.12		57,449.45
2017M6	450	1,260.26	5,719.76		439	58,548.90
2017M7	451	1,236.22	5,985.12		440	58,485.14
2017M8	452	1,282.32	6,485.63		441	60,128.50
2017M9	453	1,314.98	8,577.17	11,215.79		59,905.86
2017M10	454	1,279.51	6,807,60	11,335.77		62,118.05
2017M11	455	1,282.28	6,826.55	11,972.00		72,632.05
2017M12	456	1,261.26	6,833.89	11,495.11		77,293.52
2018M1	457	1,331,67	7,065.85	12,864.88	446	80,792.60
2018M2	458	1,331.53	7,006.53	13,595.88		87,614.90
2018M3	459	1.324.66	6,799.18	13,392.50		90,782.50
2018M4	460	1.334.74	6,851.51	13,938.10		90,250.00
2018M5	461	1,303.03	6,825.27	14,366.49		81,188.10
2018M6	462	1,281.57	6,965.86	15,105.65		70,647.73
2018M7	463	1,238.53	6,250.75	13,793.86		63,302.30
2018M8	464	1,201.25	8,051.05	13,411,35		62,210.33
2018M9	465	1,198.47	6,050.76	12,510.35	454	60,626.78

Compounded Monthly G	rowth Rate	0.1633%	0.0577%	0.0122%		0.1223%
Commodity	Gold	Copper	Nickel		Cobalt	
2019M12	480	1,478.04	6,077.06	13,829.43	469	32,213.02
2019M11	479	1,470.02	5,859.95	15,171.81	468	33,547.46
2019M10	478	1,494.80	5,757.30	17,046,22	467	35,510.17
2019M9	477	1,511.31	5,759.25	17,656.88	466	35,263.09
2019M8	476	1,498.80	5,709.44	15,748.64	465	35,720.43
2019M7	475	1,412.98	5,941.20	13,546.30	464	30,136.57
2019M6	474	1,359.04	5,882.23	11,943.94	463	27,340.33
2019M5	473	1,283.95	6,017.90	12,016.31	462	28,809.00
2019844	472	1,286.45	6,438.36	12,772.79	461	34,166.67
2019M3	471	1,300.90	6,439.46	13,026.27	460	23,500.00
2019M2	470	1,320.07	5,300.49	12,685.23	459	31,333.33
2019M1	469	1,291.75	5,939.10	11,523.09	458	32,100.00
2018M12	468	1,247.92	6,075.32	10,835,08	457	40,704.55
2018M11	467	1,220.95	6,195.92	11,239.72	456	55,263.16
2018M10	466	1,215.39	6,219.58	12,314.91	455	54,962.93

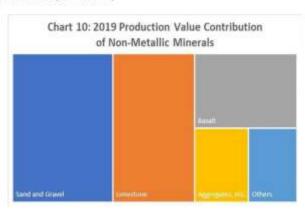
### Ex-Pandemic Qualitative Survey (Metallic Mining)





## 2019 Production Value Contribution of Non-Metallic Minerals (in million PHP)

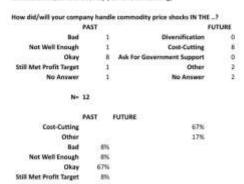
		% Share
Sand and Gravel	3,180.81	35.30%
Limestone	2,587.27	28.71%
Basalt	1,626.99	18.06%
Aggregates, etc.	852.17	9.46%
Others	763.04	8.47%
	9.010.28	

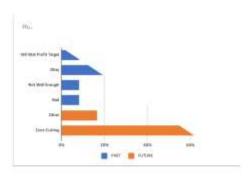


# Annual Commodity Prices of Select Non-Metallic Minerals (in USD per ton)

	SAND AND GRAVEL	LIMESTONE	SILICA (for basalt)
1991	3.96	5.15	16.81
1992	4.01	5.31	17.24
1993	4.06	5.3	17.33
1994	4.2	5.39	17.86
1995	4.3	5.36	17.82
1996	4.38	5.4	17.88
1997	4.47	5.64	17.93
1998	4.57	5.39	18.19
1999	4.73	5.35	18.64
2000	4.81	5.39	19.58
2001	5.02	5.57	20.64
2002	5.07	5.71	20.98
2003	5.16	5.93	22.14
2004	5.32	6.08	23.06
2005	5.86	7.29	24.57
2006	6.47	8.03	26.26
2007	7.06	8.58	27.64
2008	7.44	9.36	30.82
2009	7.51	9.73	34.25
2010	7.3	9.57	35.63
2011	7.49	9.6	45.74
2012	7.65	9.73	52.8
2013	7.76	9.94	55.8
2014	8.04	10.19	74.8
2015	8.28	10.49	47.3
2016	8.41	11.06	35.4
2017	8.83	11.45	52
2018	9.14	11.64	56.4
2019	9.32	11.96	47.3

### Ex-Pandemic Qualitative Survey (Non-Metallic Mining)





Commodity	Crude Oil Crude Oil (pet Price index, 2)		Natural Gas Natural Gas Pri	ce Index	Coal	
Commodity Description	simple averag spot prices; D Brent, West To Intermediate, Dubai Fateh	e of three ated exas	2016 = 100, incl European, Japa and American N Gas Price Indic	udes nese, latural		ndex, 2016 = es Australian African Coal
Data Type	Index		Index		Index	
Frequency	Monthly		Monthly		Monthly	
	N=	N:	A. 17 C-47 (17 A-51)	N=		
1990M1					1	51
1990M2				3	2	51
1990M3					3	51
1990M4						51
1990M5					5	54
1990M6					3	55
1990M7				3	7	55
1990M8					3	55
1990M9					3	55
1990M10				10	)	55
1990M11				1	1	55
1990M12				10	2	55
1991M1	1	52		1	3	55
1991M2	2	42		14	4	55
1991M3	3	43		15	5	52
1991M4	4	44		10	3	52
1991M5	5	45		-1	7	52
1991M6	6	44		18	3	52
1991M7	7	47		19	9	52
1991M8	8	47		20	)	52
1991M9	9	48		2	t	52
1991M10	10	51		2	2	52
1991M11	11	48		2.	3	52
1991M12	12	41		24	4	52
1992M1	13	40	1	55 2	5	52
1992M2	14	41	2	50 20	3	52
1992M3	15	41	3	51 2	7	52
1992M4	16	44	4	52 2	3	52
1992M5	17	46	5	55 25	3	52
1992M6	18	48	6	56 30	)	51
1992M7	19	45	7	58 3	É	49
1992M8	20	44	8	62 3	2	49
1992M9	21	45	9	64 3	3	49
1992M10	22	45 1	0	68 3		48
1992M11	23		11:	66 3	5	46
1992M12	24		12	65 38		46
1993M1	25		3	63 3		46
1993M2	26		4	60 3		43
1993M3	27	43 1		66 30		43
1993M4	28	42 1		68 40		43
1993M5	29		7	65 4		43
1993M6	30	100	100	44		7.0

1993M7	31	38 19	64	43 43
1993M8	32	38 20	67	44 43
1993M9	33	36 21	65	45 43
1993M10	34	38 22	62	46 43
1993M11	35	35 23	65	47 43
1993M12	36	31 24	62	48 43
1994M1	37	33 25	63	49 43
1994M2	38	32 26	68	50 43
1994M3	39	32 27	60	51 42
1994M4	40	35 28	58	52 42
1994M5	41	38 29	57	53 43
1994M6	42	39 30	.58	54 46
1994M7	43	40 31	59	55 46
1994M8	44	38 32	56	56 46
1994M9	45	36 33	54	57 46
1994M10	46	36 34	54	58 47
1994M11	47	38 35	54	59 47
1994M12	48	36 36	56	60 51
1995M1	49	37 37	55	61 53
1995M2	50	38 38	56	62 54
1995M3	- 51	37 39	57	63 54
1995M4	52	39 40	59	64 54
1995M5	53	38 41	59	65 55
1995M6	54	36 42	60	66 56
1995M7	55	33 43	57	67 57
1995M8	56	35 44	57	68 57
1995M9	57	37 45		57
1995M10	58	35 46	61	70 57
1995M11	59	36 47		71 56
1995M12	60	39 48		72 55
1996M1	61	39 49		73 55
1996M2	62	39 50		74 55
1996M3	63	43 51		75 53
1996M4	64	46 52		76 54
1996M5	65	43 53		77 53
1996M6	66	42 54		78 52
1996M7	67	44 55		79 52
1996M8	68	45 56		80 52
1996M9	69	50 57		81 53
1996M10	70	53 58		82 53
1996M11	71	50 59	83	
1996M12	72	53 60	93	
1997M1	73	53 61		85 52
1997M2	74	48 62		86 51
1997M3	75	46 63		87 51
1997M4	76	43 64		88 51
1997M5	77	46 65	67	
1997M6	78 79	42 66 43 67		90 50 91 49
1997M7				
1997M8	80	45 68	68	92 50

1997M9	81	45 69	74	93 50
1997M10	82	48 70	75.	94 49
1997M11	83	45 71	74	95 45
1997M12	84	41 72	66	96 44
1996M1	85	36 73	63	97 44
1998M2	86	34 74	62	98 45
1998M3	87	32 75	61	99 43
1998M4	88	32 76	63	100 43
1998M5	89	34 77	59	101 43
1996M6	90	30 78	59	102 43
1996M7	91	31 79	58	103 42
1998M8	92	31 80	53	104 39
1996M9	93	33 81	55	105 40
1998M10	94	31 82	53	106 40
1998M11	95	28 83	55	107 39
1998M12	96	24 84	49	108 39
1999M1	97	26 85	50	109 39
1999M2	98	25 86	49	110 39
1999M3	99	31 87	49	111 38
1999M4	100	38 88	53	112 38
1999M5	101	39 89	57	113 38
1999M6	102	39 90	58	114 38
1999M7	103	45 91	58	115 37
1999M8	104	48 92	66	116 37
1999M9	105	53 93	65	117 36
1999M10	106	52 94	70	118 36
1999M11	107	57 95	66	119 36
1999M12	108	59 96	67	120 35
2000M1	109	60 97	76	121 36
2000M2	110	65 98	79	122 36
2000M3	111	66 99	83	123 37
2000M4	112	57 100	88	124 37
2000M5	113	67 101	93 1	125 38
2000M6	114	72 102	105	126 39
2000M7	115	69 103	105	127 39
2000M8	116	73 104	111	128 39
2000M9	117	80 105	120	129 40
2000M10	118	79 106	124	130 41
2000M11	119	82 107	130	
2000M12	120	63 108	175	
2001M1	121	65 109	164	133 50
2001M2	122	68 110	127	
2001M3	123	63 111	123	
2001M4	124	66 112	123	
2001M5	125	71 113	111	
2001M6	126	70 114	105	
2001M7	127	64 115	93	
2001M8	128	66 116	90	
2001M9	129	63 117	79	
2001M10	130	53 118	79	142 49

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2001M11	131	48 119	74 143	45
2001M12	132	48 120	74 144	43
2002M1	133	50 121	68 145	44
2002M2	134	52 122	69 146	44
2002M3	135	61 123	78 147	43
2002M4	136	66 124	84 148	41
2002M5	137	65 125	86 149	40
2002M6 2002M7	138	61 126	83 150	38
	139	63 127	85 151	35 34
2002M8 2002M9	140	66 128 69 129	81 152	35
2002M3 2002M10	141 142	68 130	88 153 98 154	40
	143	60 131	97 155	40
2002M11 2002M12	144	67 132	106 156	40
2003M1	145	73 133	120 157	40
2003M2	146	78 134	153 158	40
2003M3	147	72 135	128 159	37
2003M4	148	61 136	121 160	36
2003M5	149	60 137	127 161	36
2003M6	150	64 138	126 162	39
2003M7	151	66 139	116 163	42
2003M8	152	69 140	116 164	43
2003M9	153	63 141	112 165	47
2003M10	154	66 142	111 166	49
2003M11	155	66 143	110 167	53
2003M12	156	66 144	132 168	56
2004M1	157	68 145	131 169	61
2004M2	158	68 146	121 170	65
2004M3	159	74 147	122 171	70
2004M4	160	75 148	128 172	77
2004M5	161	84 149	136 173	84
2004M6	162	79 150	137 174	94
2004M7	163	83 151	134 175	100
2004M8	164	93 152	128 176	95
2004M9	165	92 153	127 177	90
2004M10	166	102 154	148 178	90
2004M11	167	90 155	147 179	88
2004M12	168	82 156	151 180	82
2005M1	169	91 157	147 181	80
2005M2	170	95 158	148 182	74
2005M3	171	108 159	161 183	74
2005M4	172	109 160	170 184	75
2005M5	173	104 161	161 185	75
2005M6	174	119 162	168 186	77
2005M7	175	126 163	180 187	79
2005M8	176	137 164	207 188	73
2005M9	177	136 165	249 189	70
2005M10	178	130 166	272 190	64
2005M11	179	125 167	227 191	59
2005M12	180	128 168	260 192	61

2006M1	181	139 169	208 193	66
2006M2	182	135 170	195. 194	74
2006M3	183	137 171	186 195	80
2006M4	184	152 172	193 196	83
2006M5	185	150 173	184 197	79
2006M6	186	150 174	184 198	80
2006M7	187	159 175	185 199	81
2006M8	188	157 176	197 200	81
2006M9	189	136 177	169 201	75
2006M10	190	127 178	180 202	73
2006M11	191	127 179	199 203	72
2006M12	192	131 180	189 204	78
2007M1	193	117 181	187 205	79
2007M2	194	125 182	203 206	80
2007M3	195	130 183	192 207	82
2007M4	196	139 184	196 208	82
2007M5	197	139 185	199 209	81
2007M6	198	146 186	196 210	89
2007M7	199	156 187	180 211	97
2007M8	200	149 188	182 212	100
2007M9	201	161 189	179 213	101
2007M10	202	171 190	197 214	112
2007M11	203	187 191	203 215	134
2007M12	204	185 192	207 216	144
2008M1	205	186 193	232 217	148
2008M2	206	191 194	241 218	189
2008M3	207	202 195	252 219	186
2008M4	208	215 196	279 220	178
2008M5	209	245 197	297 221	192
2008M6	210	263 198	320 222	227
2008M7	211	265 199	321 223	269
2008M8	212	235 200	282 224	245
2008M9	213	208 201	268 225	235
2008M10	214	156 202	272 226	175
2008M11	215	118 203	253 227	144
2008M12	216	87 204	234 228	118
2009M1	217	94 205	220 229	120
2009M2	218	91 206	197 230	114
2009M3	219	102 207	169 231	92
2009M4	220	110 208	142 232	96
2009M5	221	124 209	148 233	93
2009M6	222	145 210	148 234	101
2009M7	223	135 211	133 235	102
2009M8	224	149 212	127 236	105
2009M9	225	141 213	126 237	100
2009M10	226	151 214	142 238	104
2009M11	227	157 215	137 239	110
2009M12	228	154 216	162 240	117
2010M1	229	160 217	178 241	138
2010M2	230	158 218	170 242	134

2010M3	231	168 219	157 243	136
2010M4	232	180 220	160 244	144
2010M5	233	166 221	161 245	147
2010M6	234	165 222	168 246	146
2010M7	235	161 223	168 247	144
2010M8	236	162 224	163 248	137
2010M9	237	162 225	157 249	138
2010M10	238	169 226	155 250	145
2010M11	239	176 227	161 251	161
2010M12	240	190 228	168 252	178
2011M1	241	194 229	179 253	196
2011M2	242	203 230	178 254	187
2011M3	243	223 231	178 255	191
2011M4	244	236 232	198 256	190
2011M5	245	220 233	205 257	185
2011M6	246	215 234	210 258	184
2011M7	247	220 235	218 259	182
2011M8	248	203 236	219 260	183
2011M9	249	209 237	217 261	183
2011M10	250	206 238	219 262	177
2011M11	251	218 239	216 263	169
2011M12	252	219 240	216 264	165
2012M1	253	226 241	208 265	170
2012M2	254	236 242	202 266	171
2012M3	255	248 243	207 267	162
2012M4	256	239 244	210 268	157
2012M5	257	221 245	211 269	147
2012M6	258	194 246	216 270	132
2012M7	259	208 247	212 271	133
2012M8	260	226 248	208 272	136
2012M9	261	224 249	209 273	133
2012M10	262	218 250	210 274	126
2012M11	263	215 251	212 275	129
2012M12	264	213 252	212 276	138
2013M1	265	222 253	211 277	136
2013M2	266	229 254	211 278	138
2013M3	267	222 255	220 279	133
2013M4	268	213 256	224 280	130
2013M5	269	215 257	217 281	130
2013M6	270	214 258	217 282	124
2013M7	271	227 259	209 283	115
2013M8	272	231 260	206 284	115
2013M9	273	232 261	208 285	116
2013M10	274	222 262	207 286	124
2013M11	275	218 263	207 287	128
2013M12	276	223 264	220 288	130
2014M1	277	216 265	226 289	127
2014M2 2014M3	278	221 266	243 290	119
	279	218 267	227 291	115
2014M4	280	220 268	224 292	115

2014M5	281	222 269	222 293	115
2014M6	282	228 270	220 294	113
2014M7	283	222 271	204 295	108
2014M8	284	213 272	204 296	108
2014M9	285	208 273	202 297	103
2014M10	286	188 274	198 298	100
2014M11	287	170 275	206 299	99
2014M12	288	135 276	200 300	99
2015M1	289	108 277	182 301	93
2015M2	290	126 278	175 302	99
2015M3	291	124 279	167 303	96
2015M4	292	135 280	140 304	90
2015M5	293	144 281	135 305	96
2015M6	294	142 282	132 306	92
2015M7	295	127 283	131 307	90
2015M8	296	106 284	133 308	87
2015M9	297	107 285	130 309	84
2015M10	298	108 286	123 310	80
2015M11	299	101 287	115 311	82
2015M12	300	86 288	116 312	79
2016M1	301	70 289	107 313	77
2016M2	302	72 290	99 314	79
2016M3	303	87 291	90 315	81
2016M4	304	94 292	86 316	80
2016M5	305	106 293	87 317	80
2016M6	306	110 294	97 318	85
2016M7	307	103 295	101 319	95
2016M8	308	104 296	103 320	102
2016M9	309	104 297	105 321	107
2016M10	310	116 298	106 322	134
2016M11	311	107 299	100 323	149
2016M12	312	127 300	119 324	131
2017M1	313	129 301	133 325	132
2017M2	314	130 302	116 326	126
2017M3	315	122 303	102 327	122
2017M4	316	125 304	105 328	124
2017M5	317	118 305	106 329	113
2017M6	318	108 306	102 330	122
2017M7	319	111 307	104 331	128
2017M8	320	115 308	108 332	141
2017M9	321	121 309	118 333	146
2017M10	322	126 310	123 334	144
2017M11	323	138 311	135 335	144
2017M12	324	140 312	141 336	149
2018M1	325	149 313	155 337	155
2018M2	326	142 314	143 338	153
2018M3	327	143 315	139 339	146
2018M4	328	154 316	124 340	144
2018M5	329	167 317	133 341	158
2018M6	330	165 318	144 342	168

	Correlation Coefficient		0.8633			0.7262			0.8682
		Crude Oil / Natur	al Gas		Natural Gas / Co	oal		Crude Oil / Coal	
Compounde	d Monthly Growth Rate		0.3040%			0.1405%			.2247%
Commodity		Crude Oil			Natural Gas			Coal	
2019M12	34	8	149	336		87	360		115
2019M11	34	7	143	335		96	359		110
2019M10	34	6	136	334		84	358		102
2019M9	34	5	142	333		81	357		94
2019MB	34	4	136	332		74	356		95
2019M7	34	3	144	331		79	355		106
2019M6	34	2	140	330		78	354		104
2019M5	34	1	157	329		91	353		115
2019M4	34	0	160	328		96	352		117
2019M3	33	9	149	327		103	351		129
2019M2	33	8	143	326		111	350		135
2019M1	33	7	131	325		133	349		145
2018M12	33	6	126	324		153	348		150
2018M11	33	5	146	323		162	347		148
2018M10	33	4	179	322		155	346		159
2018M9	33	3	175	321		163	345		163
2018M8	33	2	165	320		149	344		165
2018M7	33	1	168	319		140	343		173

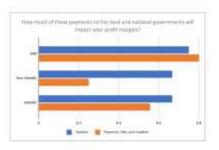
# 2019 Gross Value Added in Mining and Quarrying by Industry (at Current Prices, in million PHP)

	QI	Q2	Q3	Q4	TOTAL		% Share	
Mining of coal	4,455	6,211	4,287	2,132	17,085	Coal	10.56%	
Extraction of crude petroleum and natural gas	10,099	10,823	7,010	9,370	37,302	Oil and Gas	23.05%	
Mining of gold ores and other precious metals	7,145	7,246	6,866	5,325	26,582	Non-Metals	30.87%	
Mining of nickel ores	4,360	7,939	6,082	2,382	20,763	Metals	35.52%	
Mining of copper ores	2,670	2,572	2,366	2,532	10,140	Gold and Other Precious Metals 1		16,439
Stone guarrying, and other mining and quarrying	13,754	10,359	10,421	15,420	49,954	Nickel and Copper 1		19.109
Gross Value Added in Mining and Quarrying	42,484	45,149	37,032	37,163	161,826			

#### Ex-Pandemic Qualitative Survey (Metallic Mining, Non-Metallic, and SSM)

How much of these payments to the local and national governm
Metallic Non-Metallic SSM
Taxation 18 8 15
Playments, feet, and reyables 15 3 16

N\*= 27 12 28 \*multiple answers given



### Quarterly Indices of GVA in MAQ

	Mining of Crude Potrolissen and Natural Gas OH, AND GAS	Mining of Coul COAL	Mining of Gold Ones and Other Precious Metals GOLD, ETC.	Mining of Nickel Ores and Copper Ores OTHER METALS	Stone Quarrying and Other MAQ NON-METALS
2000031	191.9		24.9		82.3
2000QZ	49.8		28	90.4	
300003	ALI			75.35	109.7
200004	58.1		28.6 27.8		
2001Q1 2001Q2	57.4		20.4		79.6 13
200103	56.2		90.6		
200104	52.9		29.2	81.6	
3003Q1	64		30.4		
2002/02	60.5		82.2	91.4	
200203	72		35.5		
2003Q4	80.5	43.8	35.2	106.7	96.3
200301	99.6		29.6		
2003Q2	58.4		38.4		
3003Q3	66.3		37.8		943
2603Q4	81.1		43.7		
2004G1	90.4		44,8		
3004Q2	56.9		40.3	150.5	
2004Q3	115		44.1		
2004Q4	31		45.8		
2005Q1	88.2				82.5
2005Q2	63.3		48.1	264.6	
200503	143.2		40.3	205.9	
2005Q4 2006Q1	11A7 109.8		45.6		
300603	72.6		57.3		
200603	145.0		52.6		
200604	112		52.6		
200701	98.8		63.1	342.15	
200703	63.7		61.8		100.4
2007Q3	124.7		GALE		
200704	109.2				
2008Q1	101.6		71.2		
200603	78.3		72	341.55	
200003	163.4		79.5		
2006Q4	109.1				
200901	206		76.8		
3000Q2	55.4		82.6		
200903	159.6		98.9		
2000Q4	132.8	36.5	99.7	154.15	81.0
201001	147.9	50.4	95.2	95.3	76.6
2010Q2	91.1	56.9	105.9	169.25	78.9
201003	151.0	133.4	120.6	128.06	101.2
201004	130.3	50.7	119.7	191.15	70.3
201101	151.5		127	95.65	96.2
501105	72		129.4	187.1	97.5
201103	163.4		149.5		
201104	125.8		120.9		61
201201	135.7		127.4		
5003/02	62.9		122.3		81.8
301308	160.8		134.8		
301304	137.3				
201301	135.7		118.8		75.0
101103	57.4		97.1	147.5	
2013Q8 2013Q4	160.2		109.3	E04.5 173.1	937
201401	156		99.9		75.1
201402	56.7		94.1		70.0
201403	154.8		102.5		
201404	122.1			170.5	
201501	105.8		92.1		75.0
201502	41		87.9		70.8
201503	124.4		93.7		
2015Q4	101.1		85.4		
201601	96.3	40.9	93.6	56.25	76.2
201602	39.4		97	106.5	
201603	110.7	136.9	116.8	93.45	114.5
2016Q8	99.7		95.1		
201701	121.5	612	06.1	69.75	87.1
201702	67.5		300		
201703	135.4	181.9	114	113 65	133.9
201704	123.1	53.8			78.5
2018Q1	129.3				
201802	55.4				
201803	160.9				
201804	133.4		982	153.95	
201901	129.9				
20190/2	53.9				
201903	145.5		129.1		
2019/34	129.5	37.8	114.8	172.15	89.7

Commodity Price Indices (2016=100; except for Non-Metals, 1982=100)

	METALS*	NON-METALS**	OIL AND GAS***	COAL
2000Q1	91.40	137.40	71.58	36.23
2000Q2	69.60	138.27	80.50	38.32
2000Q3	59.37	138.40	93.11	39.59
2000Q4	87.83	138.90	108.84	43.27
2001Q1	86.50	141.10	101.81	50.14
2001Q2	76.53	142.20	90.99	51.24
2001Q3	54.07	142.50	75.80	50.20
2001Q4	64.13	142.63	62.35	45.78
2002Q1	79.30	143.03		43.56
2002Q2	71.67	143.33	74.17	39.92
2002Q3	57.50	143.67	75.25	34.79
2002Q4	82.87	144.07	82.79	39.71
2003Q1	93.13	144.97	103.89	39.29
2003Q2	90.40	145.67	93.20	37.19
2003Q3	78.67	146.57	90.20	43.74
2003Q4	124.83	147.20	91.89	52.93
2004Q1	121.93	148.67	97.37	65.33
2004Q2	113.83	149.27	106.27	85.13
2004Q3	109.13	149.83	109.59	94.81
2004Q4	158.80		120.10	86.41
2005Q1	151.47	154.77	125.04	76.29
2005Q2	190.77	155.73	138.31	75.67
2005Q3	153.67		172.56	74.21
2005Q4	161.20	160.37	190.30	61.51
2006Q1	118.47	166.00	166.67	73.70
2006Q2	189.90	167.27	168.77	80,54
2006Q3	183.37	170.70	167.22	79.03
2006Q4	226.23	171.50	158.83	74.26
2007Q1	182.47	174.60	159.05	80.34
2007Q2	252.37	175.43	169.32	83.81
2007Q3	171.60	176.00	167.67	99.22
2007Q4	208.20	176.80	191.48	130.12
2008Q1	139.27	181.27	217.37	174.29
2008Q2	185.03	184.20	270.02	199.15
2008Q3	140.50	186.57	263.19	249.70
2008Q4	107.13	189.00	186.55	145.63
2009Q1	69.27	198.03	145.54	108.67
2009Q2	110.00	199.50	136.00	96.44
2009Q3	108.67	198.97	135.16	102.57
2009Q4	136.13	199.47	150.51	110.10
2010Q1	95.27	200.73	165.02	136.16
2010Q2	147.93	202.37	166.43	146.10
2010Q3	125.57	203.40	162.08	139.67
2010Q4	167.33	203.97	169.82	161.15

2011Q1	106.10	206.63	192.47	191.48
2011Q2	167.87	209.00	213.96	186.15
2011Q3	145.97	209.67	214.12	182.56
2011Q4	160.57	211.10	215.73	170.36
2012Q1	105.00	218.50	221.30	167.57
2012Q2	156.47	218.80	215.21	145.44
2012Q3	127.13	219.30	214.66	134.01
2012Q4	154.13	219.83	213,43	130.99
2013Q1	88.83	223.77	219.13	135.80
2013Q2	130.90	225.27	216.79	128.03
2013Q3	114.17	225.67	218.77	115.59
2013Q4	147.60	226.37	216.12	127.20
2014Q1	78.87	231.17	225.24	120.43
2014Q2	131.53	234.27	222.58	114.15
2014Q3	123.13	235.03	208.70	106.64
2014Q4	143.33	237.30	182.93	99,37
2015Q1	73.93	238.93	147.08	96.08
2015Q2	114.87	240.20	138.07	92.73
2015Q3	95.73	240.33	122.23	87.19
2015Q4	112.77	240.27	108.18	80.17
2016Q1	67.70	240.43	87.52	79.20
2016Q2	103.33	242.93	96.54	81.87
2016Q3	101.07	243.97	103.42	101.19
2016Q4	124.10	244.33	112.52	137.75
2017Q1	78.53	244.70	122.08	126.73
2017Q2	116.57	245.37	110.73	119.81
2017Q3	113.77	246.13	112.72	138.40
2017Q4	144.83	246.77	133.82	146.00
2018Q1	91.83	247.80	145.20	151.37
2018Q2	127.97	248.77	147.87	156.57
2018Q3	113.23	248.77	160.02	166.97
2018Q4	133.70	249.13	153.60	152.26
2019Q1	85.60	251.37	128.30	136.36
2019Q2	124.07	252.57	120.53	112.00
2019Q3	127.27	251.77	109.45	98.61
2019Q4	153.03	251.27	115.74	108.86

<sup>\*</sup>Average index of gold, nickel, and copper.

<sup>\*\*</sup>IMF data unavailable, so US Federal Reserve PPI used instead.

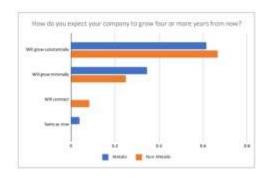
<sup>\*\*\*</sup>Average index of oil and gas.

# GDP Breakdown (in million PHP, 2018=100)

	REST OF GDP	REST OF INDUSTRY	N=	MAQ	% Change	TOTAL GDP	% Change
2000	4,752,051	2,178,911	1	56,452		6,985,383	
2001	4,935,171	2,182,088	2	54,421	-3.60%	7,198,384	3.05%
2002	5,119,511	2,254,704	3	81,125	49.07%	7,465,894	3.72%
2003	5,382,806	2,375,938	4	91,679	13.01%	7,845,677	5.09%
2004	5,789,672	2,472,063	5	86,933	-5.18%	8,361,078	6.57%
2005	6,073,040	2,605,742	6	99,343	14.28%	8,774,325	4.94%
2006	6,438,705	2,693,053	7	95,543	-3.83%	9,240,804	5.32%
2007	6,902,564	2,833,391	8	109,046	14.13%	9,843,239	6.52%
2008	7,169,304	2,979,453	9	107,284	-1.62%	10,270,878	4.34%
2009	7,361,981	2,924,253	10	122,121	13.83%	10,419,633	1.45%
2010	7,825,838	3,224,635	11	133,399	9.24%	11,183,861	7.33%
2011	8,203,551	3,283,798	12	133,388	-0.01%	11,615,360	3.86%
2012	8,742,356	3,543,200	13	128,011	-4.03%	12,416,466	6.90%
2013	9,330,125	3,775,008	14	130,910	2.26%	13,254,644	6.75%
2014	9,877,175	4,070,283	15	149,511	14.21%	14,096,047	6.35%
2015	10,497,517	4,336,583	16	148,589	-0.62%	14,990,907	6.35%
2016	11,201,334	4,701,277	17	156,807	5.53%	16,062,676	7.15%
2017	11,973,396	5,039,260	18	160,065	2.08%	17,175,978	6.93%
2018	12,682,665	5,413,668	19	163,322	2.03%	18,265,190	6.34%
2019	13,494,882	5,750,929	20	168,857	3.39%	19,382,751	6.12%
				MAQ		GDP	
			AAGR	6.54%		5.53%	
			CAGR	5.63%		5.24%	

### Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

How do you expect your	company t	to grow 4 or more years from now?
	Metallic	Non-Metallic
Same as now	1	0
Will contract	0	1
Will grow minimally	. 9	3
Will grow substantially	16	8
N-	26	12
	Metallic	Non-Metallic
Same as now	4%	0%
Will contract	0%	8%
Will grow minimally	35%	25%
partition of the same of the s	6386	6766



#### Exports of Commodities (FOB, in '000 USD)

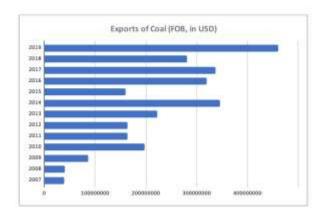
	N-	COPPER CONCENTRATES	GOLD	PETROLEUM PRODUCTS	N-	IRON ORE AGGLOMERATES	CHROMIUM ORE	OTHER MINERAL PRODUCTS	N-	NICKEL
2000	- 1	28,401.66	184,926.01	372,757.22		armanan menantun derinte	3,108.92	122,899.47		-
2001	2	10,338.07	94,491.38	200,939.84			2,393.96	112,116.83		-
2002	3	12,791.72	101,841.49	316,226,71			1,791.12	120,865.30		
2003	4	12,319.40	117,428.78	536,140.08	1	63,321.72	(2)	100		
2004	5	14,260.72	48,661.16	380,441.58	2	82,748.00	1.0			200
2005	-6	36,901.68	49,858.21	585,747.84	3	110,033.17	19			-
2006	7	84,176.97	227,408.11	918,292.66	. 4	153,073.80				8.5
2007	8	137,077.77	266,937.10	1,108,682.59	- 5	171,820.83	12	100		20
2008	9	133,690.58	437,854.81	1,240,162.24	- 6	113,660.04	1.7	1.0		10.0
2009	10	149,516.49	250,122.89	292,954.26	7	91,691.14	19			83
2010	-11	260,781.17	187,432.25	371,162.45	. 8	109,725.73				93
2011	12	337,469.09	436,001.31	647,749.09	9	62,684.04	8,319.91	783,816.50		
2012	13	244,187.57	504,912.69	465,D46.72	10	86,034.09	N.302.99	988,748.08	1	1.49
2013	14	443,473.36	332,818.15	843,158.52	11	113,497.58	15,209.49	1,865,263.02	2	68.29
2014	15	568,696.42	238,592.26	445,716,91	12	118,747.20	5,552.70	2,644,627.32	3	
2015	16	598,941.42	355,248.75	313,835,89	13	116,811.94	4,315.21	1,397,323.32	4	1
2016	17	526,527.76	535,207.98	282,111.64	14	106,743.69	6,419.35	1,049,761.51	5	
2017	18	370,250.77	1,227,472.65	395,621.06	15	61,245.32	6,948.41	1,349,349.94	6	64.93
2018	19	616,067.00	1,087,901.54	494,018.33	15	64,631.38	7,997.45	1,130,301.23	7	
2019	20	552,577.44	1,367,980.99	225,567.86	17	14,264.63	7,673.97	1,468,405.06	8	97.10
		COPPER CONCENTRATES	GOLD	PETROLEUM PRODUCTS		IRON ORE AGGLOMERATES	CHROMIUM ORE	OTHER MINERAL PRODUCTS		NICKEL
Avera	ge*	256,922.35	402,654.92	521,816,67		96,513.78	6,502.79	1,086,124.80		57.95
C	4GB	16.00%	10.52%	-2,48%		-8.39%	4.62%	13.20%		68.63%
		*per available year								

## Exports of Coal (FOB in USD)

		% Change	Nπ	
2007	38,599,185		1	
2008	40,330,957	4.49%	2	
2009	86,056,872	113.38%	3	
2010	197,301,898	129.27%	4	
2011	163,853,554	-16.95%	5	
2012	163,781,276	-0.04%	6	
2013	222,768,289	36.02%	7	
2014	345,654,375	55.16%	8	
2015	159,808,567	-53.77%	9	
2016	319,648,302	100.02%	10	
2017	337,382,250	5.55%	11	
2018	281,013,208	-16.71%	12	
2019	460,551,700	63.89%	13	
	AAGR	35.02%		

CAGR

21.01%



# 2019 Exports Destinations of MAQ Commodities (FOB in USD)

Hong Kong	1,007,218,945
People's Republic of China	882,572,423
Japan	821,108,884
Switzerland	336,118,909
Canada	113,700,958
Singapore	107,944,389
India	102,941,239
Malaysia	92,838,009
Republic of Korea	70,672,046
Australia	27,445,327
Taiwan	23,614,177
Vietnam	14,880,544
Indonesia	10,591,462
Bangladesh	9,067,183
Thailand, etc.	15,852,548

25,002,010	
Thailand	6,408,239
Pakistan, Islamic Rep. of	5,549,237
Belgium	2,280,427
United States of America	738,377
Cambodia	283,166
United Kingdom	109,029
Sri Lanka (Ceylon)	93,567
Saudi Arabia	79,836
Germany	60,993
Papua New Guinea	49,788
Italy	41,314
United Arab Emirates, N.E.S.	31,112
France	27,875
Lao People's Democratic Republic (Laos)	27,021
Spain	19,824
Brunei Darussalam	14,722
Afghanistan	11,939
Mexico	11,165
New Zealand	5,000
Poland	4,408
Syrian Arab Republic	3,200
Turkey	2,204
Netherlands	105

# Quarterly Indices on MAQ Employment (2016=100)

				DIFFEREN	CES		
		N=		With Q1	With Q3	Q3 with Q4	With Q4
2000Q1	108.2	1					
2000Q2	338.73	2		213.06%			
2000Q3	93.3	3			-72.46%		
2000Q4	124.31	4				33.33%	-63.30%
2001Q1	101.14	5	Q2 Chang	e			
2001Q2	312.97	6	-7.60%	209.44%			
2001Q3	87.24	7			-72.13%		
2001Q4	118.56	8				14.29%	-62.12%
2002Q1	95.52	9					
2002Q2	281.02	10	-10.21%	194.20%			
	127.22	11			-54.73%		THE STATE OF THE S
2002Q4	122.07	12				9.09%	-56.56%
2003Q1	92.36	13	10.0288	50275200			
2003Q2	288.69	14	2.73%	212.57%			
2003Q3	141.58	15			-50.96%	e em.	50.2204
2003Q4	117.74	16				6.67%	-59.22%
2004Q1	89.41	17					
2004Q2	236.78	18	-17.98%	164.82%	1001000		
2004Q3	144.72	19			-38.88%		
2004Q4	93.7	20				5.26%	-60.43%
2005Q1	93.58	21	7272322				
2005Q2	235.87	22	-0.38%	152.05%			
2005Q3	129.3	23			-45.18%		
2005Q4	96.07	24				4.35%	-59.27%
2006Q1	96.04	25					
2006Q2	271.52	26	15.11%	182.72%			
2006Q3	148.38	27			-45.35%		
2006Q4	103.09	28				3.70%	-62.03%
2007Q1	100.56	29					
2007Q2	293.03	30	7.92%	191.40%			
2007Q3	151.42	31			-48.33%		
2007Q4	97	32				3.23%	-66.90%
2008Q1	91.43	33					
2008Q2	270.46	34	-7.70%	195.81%			
2008Q3	129.43	35			-52.14%		
2008Q4	68.3	36				2,86%	-74.75%
2009Q1	90.22	37					
2009Q2	208.8	38	-22.80%	131.43%			
2009Q3	105.92	39			-49.27%		
2009Q4	55.99	40				2.56%	-73.18%
2010Q1	93.42	41					
2010Q2	156.18	42	-25.20%	67.18%			
2010Q3	91.97	43			-41.11%		

201001		134				2 220/	55 DEN/
2010Q4	51.77	44				2.33%	-66.85%
2011Q1	85.38	45		PER TENT			
2011Q2	137.01	46	-12.27%	60.47%	022/22/2010		
2011Q3	72.87	47			-46.81%		
2011Q4	50.52	48				2.13%	-63.13%
2012Q1	85.92	49	4 8 8 8 8 8 8 8				
2012Q2	157.69	50	15.09%	83.53%	122 222		
2012Q3	83.84	51			-46.83%	0.00000	
2012Q4	52.38	52				1.96%	-66.78%
2013Q1	96.19	53	2 4224	50.050/			
2013Q2	162.61	54	3.12%	69.05%	10.000		
2013Q3	81.43	55			-49.92%	* 020/	CC 430/
2013Q4	54.6	56				1.82%	-66.42%
2014Q1	85.11	57	2.4.4407	110 F00/			
2014Q2	186.04	58	14.41%	118.59%	FF 300/		
2014Q3	83.35	59			-55.20%	* 600	CO 000/
2014Q4	57.53	60				1.69%	-69.08%
2015Q1	87.97	61 62	2.120/	115 050/			
2015Q2	189.98	10,75	2.12%	115.96%	FE 100/		
2015Q3	85.3 54.31	63 64			-55.10%	1 500	74 450/
2015Q4 2016Q1	82.19	65				1.59%	-71.41%
2016Q1 2016Q2	182.07	66	-4.16%	121.52%			
2016Q2 2016Q3	82.99	67	-4.10%	121.3276	-54.42%		
2016Q3 2016Q4	52.75	68			-34.4276	1 4000	-71.03%
2017Q1	77.57	69				1,4376	-71.03%
2017Q1 2017Q2	179.7	70	-1.30%	131.66%			
2017Q3	86.45	71	1.50%	131.00%	-51.89%		
2017Q4	53.19	72			31.0370	1 41%	-70.40%
2018Q1	73.61	73				1,4170	70.4070
2018Q2	167.56	74	-6.76%	127.63%			
2018Q3	83.92	75	0.70.0	227.0070	-49.92%		
2018Q4	50.85	76				1.33%	-69.65%
2019Q1	74.59	77				2.00	
2019Q2	169.67	78	1.26%	127.47%			
2019Q3	80.65	79			-52.47%		
2019Q4	50.75					1.27%	-70.09%
2020Q1	70.36	81					
2020Q2	150.52	82	-11.29%				
100	2019Q4	-0.94%					
	2020Q2						
	335						

Q1 to Q2 average growth

143.53%

Q2 to Q3 average growth

-51.65%

Q3 to Q4 average growth

102.35%

Q2 vs. Q4 -66.13%

## Ex-Pandemic Qualitative Survey (SSM)

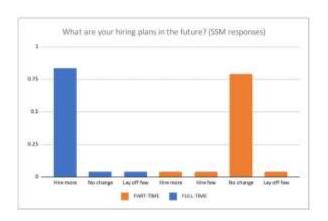
# What are your hiring plans in the future?

	<b>FULL-TIME</b>	PART-TIME
Hire more	20	
No change	1	
Lay off few	1	
Hire more		1
Hire few		1
No change		19
Lay off few		1

#### No Response= 2 N= 24

E1111	TIBAL	DA

	LOFT-LIMIE	SAMI-TIME
Hire more	83%	
No change	4%	
Lay off few	4%	
Hire more		4%
Hire few		4%
No change		79%
Lay off few		4%



	-		% Change	NON-METALLIC	% Change	Off. (also for gas)	% Change	OTHER NON-METALLIC (for town)	% Change		MAQ	% Chur
000	2000Q1	15.18	400	10.07	0.122410	0.07		98.63				2000
	200003	23.2	47.96%	11.53	-29,25%	0.36	126.57%	8.36			18.55	
	3000013	34.35	49,06%	14.62	45.66%	1.94	1112.50%	2.83	-66.07%	1		
001	2000Q4 2001Q1	42.87 14.09	24.80% -65.03%	1488	52,44% 86,00%	4.75	90.41% 87.75%	2.58 70.83	15.90%		25.36 14.95	-68.1
001	200103	29.76	98.53%	12.22	17.88%	5.84	23.37%	449	94.30%		22.77	52.7
	200103	35.16	18.88%	13.88	11.85%	7.28	24.23%	1.36	-69,71%	7		17.3
	200104	34.83	-1.55%	7.78	41.11%	1.65	-77.34%	7.66	05.10%	i		-10.0
102	2002Q5	20.38	-41.49%	68.22	726.86%	86.72	\$276.97%	86.81	3167.29%			
_	200202	29.89	46.47%	34.86	48,50%	40.47	-53.93%	9.29	-89.32%			49.5
	200203	44.55	50.52%	33.09	-3.06%	48.53	38.69%	2.43	-75.84%			76.7
	2002Q4	44.71	-0.40%	13.46	-59.32%	9.79	-79.82%	2.9	19.14%			
08	200301	24.67	-44 15%	42.17	213.30%	39.27	101.12%	72.67				-4.
	200902	33.68	42.89%	42.15	-2.42%	53.41	36.01%	11.59	-83.57%			
	2003Q3	57.63	61.52%	67.06	63.03%	101.86	240.50%	2.4	-79.98%	15	61.4	62
	2003Q4	66.36	15.15%	35.53	-47.09%	66.97	-63.17%	2.35	-248%	16	54.67	-11
14	200401	27.88	-57.55%	58.81	89.52%	64.26	4,05%	97.29	4040.00%	17	40.23	-25
	200402	33.44	19.94%	45.72	-23.26%	67.86	5.60%	8.56	-91.30%	18	38.94	- 4
	200403	62.55	87.05%	09.73	52.52%	158.27	133.23%	5.11	-37,97%	10	65.40	70
	200404	75.24	13.89%	29.24	-58.07%	47.24	-79,15%	4.39	17.33%	20	55.49	-16
6	200501	27.07	62.00%	66.78	128.39%	70.35	48.92%	119.58	2623.92%	21	42.9	-21
	200502	90.47	100.44%	63.65	-4.60%	93.8	11.32%	1253	495,53%	22	55.72	20
	2005Q1	76.77	52.11%	98.6	54.93%	283.38	202.09%	4	-68.05%	23	85.48	53
	200504	70.21	8.55%	48.69	-50.62%	87.26	-69-21%	7.00			11.68	27
6	2006Q1	35.55	-48.82N	75.33	54.71%	81.59	4.21%	128.38				-16
	200602	68.56	90.82%	09.23	-8.10%	101.59	23,53%	13.14	-89.14%			- 33
	200603	87.47	27.58%	106.51	53.85%	303.06	394,22%	3.50	74.25%			36
	200901	92.32	5.54%	34.96	-67.18%	61.42	-#0.13%	3.37	6.13%			
7	200701	57.93	-37.25%	83.64	139.24%	95.24	35,00%	121.33				
0	200702	112.91	94.51%	79.57	4.35%	105.26	11.05%	21.92	-81.12%			
	200703	115.9	2.65%	96.41	20.56%	265.21	150,77%	4.25	-80.62%			
	2007Q4	102.57	-11.50%	40.6	-57.88%	74.05	72,00%	434	-0.24%			
	200001	36.57	44.00%	84.07	107.10%	943	27.62%	158.02	3626.83%			
	200903	75.7	33.62%	86.59	3.00%	123.08	30.19%	21.25	-86.55%			11
	2008Q2	106.6	60.82N	130.91	SL18%	373.95	201.95%	5.49	-74.18%			- 60
	200904	93.19	-12.38%	50.21	-57.06%	103.67	-72.28%	5.49	0.00%			
2												
	2009Q1	53.85	42.36%	88.58	57,56%	95,69	-17,34%	254.36	4533,15%			-13
	2009Q2	67.85	26.23%	82.55	-6.31%	116.04	35,42%	20.72	-91.85% -72.06%			
	2009Q3	154.74	127.73%	522.58	47.70%	552.77	186.77%	5.79				
1	200904	106.88	7,83%	66.47	45.77%	119.51	64.09%	5.05			126.85	
0	201001	65.42	-60.79%	90.94	96.63%	85.41	-28.53%	233	3751,34%			
	201002	134.07	106.33%	97.63	7.68%	123.07	44.09%	31.51	95.48%			54
	201003	177.36	31.41%	196.00	39.50%	1155.27	174.80%	8.58	-72.37%			
	201004	271.18	24.71N	64.36	52,68%	110.69	67.30%	835	4.08%			
1	201101	102.7	-53.57%	129.1	100.58%	115.41	4.68%	438.79				
	2011/02	177.68	73.20%	117.93	-0.65%	143.27	23.71%	41.01	-89.90%			
	2011/03	139.77	-21,42%	199.03	34.82%	365.69	167.95%	11.39	-74.00%			
	2011/04	133.42	-4.54%	649	-59.18%	106.46	-72.27%	9.79	-14.05%			
2	201201	66.38	-50.40%	120.56	86.41%	110.13	3.4%	346.72				-1
	201202	133.18	101.24%	111.71	-6,01%	127.71	15.97%	45.65	-86,84%	50	125,42	4
	201,703	324.65	6.40%	121.87	7.26%	300.58	135.36%	6.09	-96,79%	51	123.58	1
	2012Q4	100.61	-19.28%	67.5	-64,66%	110.12	-61.30%	8.06	33,67%	52	97.41	-21
3	201301	38.54	41.67%	108.01	90.01%	110.73	0.55%	134.3	1318.13%	53	78.26	11
	201302	119.03	103.33%	99.09	-0.26%	108.00	-2.39%	39.66	65.28%	54	111/08	4
	201303	129.9	0.13%	134.39	35 62%	804.79	182,00%	8.77	-77,90%			
	201304	120.56	-7.19%	61.29	-54,10%	83.34	71,66%	11.53	31,34%			-28
i	201401	65.42	-44.91N	140.53	129.29%	124.3	49.15%	575.30				- 4
	201402	147.52	122,30%	111.00	21.00%	124.73	0.55%	43.09	-88.53%			
	201403	345.74	12.35%	113.12	3.87%	227.49	62.39%	136	-79.44%			
	201404	219.46	-27.93%	84.66	4333%	99.2	-56.30%	4.15	-53.38%			-30
5	201901	65.06	45.55%	503.35	59.90%	67.73	-33,70%	323.36			80.35	-1
7	2015Q2	119.15	93.16%	74.34	-28.10%	75.51	13.45%	27.94			101.28	
	201503	126.61	6.26%	102.2	37.46%	191.78	153.98%	7.39			116.68	
	201504	101.77	-19.62%	64.62	39,77%	83.25	10.62%	11.05			85.76	2
6	201601	65.55	35.59%	111.04	71.84%	81,67	-1.83%	337.29			8149	
	201903	107.68	64.27%	75.7	-31.83%	81.33	-0.42%	24.64	-92.68%			1
	201603	121.31	12.86%	142.88	88.68%	162.95	100.86N	71.11	-13.52%			
	201604	105.46	-13.07%	70.43	-90.66%	74.06	-54.55%	16.00	-20.51%			
7	201701		-39.37%		71.79%		-1.71%	274.70	2716.90%			
	201702		67.97%		-6.15%		10.16%		-87,40%			
	201703		17.60%		65.26%		140.43%		52,42%			
	201704	123.71	-2.37%		-55,34%		-57.00%		-61.31%			
1	201901		47.92%		87.77%	105.96	1.28%		3557.52%			
	201802	114.35			-16.65%	111.64	3.36%		-88.89%			
	201903	144.26	36.13%		33.09%	255.11	128.51%		69.75%			
	201004		-22.07%		-04.12%	308	-97,67%		9,34%			
9	201901	69.00			61.46%	109.5	1.39%		2303.04%			
	<b>301903</b>	119.3	72,77%	135.67	(14.86%	118.83	8.52%	69.81	-87,50%	76	125.9	-19
	2019Q3	147.73	23.83%	149.45	9.98%	210.04	77.53%	15.36	-76.22%	75	148.41	1
	2019Q4	113.39	-23.36%	90.76	-19.26%	92.38	-56,21%	15.04	-8.07%	80	104.20	- 25
o .	01		-53.86%		=0.16%	68.92	-25.40N		2206.58%			
	0.22200	94.03	87 88%	77.25	-39.64%	56.36	-18.22%		45.16h			
	02											

CAGR are auddenic	2.50%		2,19%		9.40%		-2.33%		2,38%	
CAGR peri-puederoic	2.28%		£ 99%		8.50%		-0.29%		3,54%	
AAGR until 2029		11.98%		23.48%		111.04%		780.12%		6.83%
GZ 2019 vs. QZ 2020		-17.83%		43.14%		-52.57%		25.36%		28.72%
	MAQ		Metallic Mining	Non-Metallic Mining	Oil (and Gas)	Coal (other non-metallic)				
CAGE pre-panderesc	2.38%		2,50%	2.19%	9.47%	2.55%				
CAGR peri-pandemic	2.54%		2,26%	1.99%	8,50%	-0.79%				
AAGR until 2009	0.88%		13.58%	23.48%	111.04%	780.12%				
G2 2019 vs. G2 2020	-28,72%		-17,83%	41.14%	52.57%	-25.18%				

# Cumulative Number of COVID-19 Positive Cases (1 January 2020 - 30 June 2020)

10,457,929
2,409,237
3,099,966
9,477
2,228,423
388,152
2,058,031
264,643

# Cumulative Number of COVID-19 Positive Cases (Philippines, 30 January 2020 - 30 June 2020)

date	total_cases
2020-01-30	1
2020-01-31	1
2020-02-01	1
2020-02-02	2
2020-02-03	2
2020-02-04	2
2020-02-05	2
2020-02-06	2
2020-02-07	3
2020-02-08	3
2020-02-09	3
2020-02-10	3
2020-02-11	3
2020-02-12	3
2020-02-13	3
2020-02-14	3
2020-02-15	3
2020-02-16	3
2020-02-17	3
2020-02-18	3
2020-02-19	3
2020-02-20	3
2020-02-21	3
2020-02-22	3
2020-02-23	3
2020-02-24	3
2020-02-25	3
2020-02-26	3
2020-02-27	3
2020-02-28	3
2020-02-29	3
2020-03-01	3
2020-03-02	3
2020-03-02	3
2020-03-04	3
2020-03-04	3
	- 37
2020 05 00	5
2020-03-07	6
2020-03-08	10
2020-03-09	20
2020-03-10	33
2020-03-11	49
2020-03-12	52
2020-03-13	64

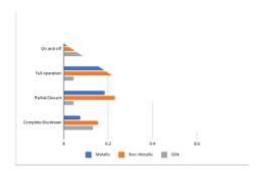
2020-03-14	111
2020-03-15	140
2020-03-16	142
2020-03-17	187
2020-03-18	202
2020-03-19	217
2020-03-20	230
2020-03-21	307
2020-03-22	380
2020-03-23	462
2020-03-24	552
2020-03-25	636
2020-03-26	707
2020-03-27	803
2020-03-28	1075
2020-03-29	1418
2020-03-30	1546
2020-03-31	2084
2020-04-01	2311
2020-04-02	2633
2020-04-03	3018
2020-04-04	3094
2020-04-05	3246
2020-04-06	3660
2020-04-07	3764
2020-04-08	3870
2020-04-09	4076
2020-04-10	4195
2020-04-11	4428
2020-04-12	4648
2020-04-13	4932
2020-04-14	5223
2020-04-15	5453
2020-04-16	5660
2020-04-17	5878
2020-04-18	6087
2020-04-19	6259
2020-04-20	6459
2020-04-21	6599
2020-04-22	6710
2020-04-23	6981
2020-04-24	7192
2020-04-25	7294
2020-04-26	7579
2020-04-27	7777
2020-04-28	7958

2020-04-29	8212
2020-04-30	8488
2020-05-01	8772
2020-05-02	8928
2020-05-03	9223
2020-05-04	9485
2020-05-05	9684
2020-05-06	10004
2020-05-07	10343
2020-05-08	10463
2020-05-09	10610
2020-05-10	10794
2020-05-11	11086
2020-05-12	11350
2020-05-13	11618
2020-05-14	11876
2020-05-15	12091
2020-05-16	12305
2020-05-17	12513
2020-05-18	12718
2020-05-19	12942
2020-05-20	13221
2020-05-21	13434
2020-05-22	13597
2020-05-23	13777
2020-05-24	14035
2020-05-25	14319
2020-05-26	14669
2020-05-27	15049
2020-05-28	15588
2020-05-29	16634
2020-05-30	17224
2020-05-31	18086
2020-06-01	18638
2020-06-02	18997
2020-06-03	19748
2020-06-04	20382
2020-06-05	20626
2020-06-06	21340
2020-06-07	21895
2020-06-08	22474
2020-06-09	22992
2020-06-10	23732
2020-06-11	24175
2020-06-12	24787
2020-06-13	25392

2020-06-14	25930
2020-06-15	26420
2020-06-16	26781
2020-06-17	27238
2020-06-18	27799
2020-06-19	28459
2020-06-20	29400
2020-06-21	30052
2020-06-22	30682
2020-06-23	31825
2020-06-24	32295
2020-06-25	33069
2020-06-26	34073
2020-06-27	34803
2020-06-28	35455
2020-06-29	36438
2020-06-30	37514

### Peri-Pandemic Qualitative Survey (Metallic Mining, Non-Metallic, and SSM)

How did the communi	ty quaran	tine affect you	r operations?
	Metallic	Non-Metallic	SSM
Complete Shutdown	2	2	3
Partial Closure	5		1
<b>Full operation</b>	15	4	1
On and off	5	4	18
N-	27	13	23*
			*1 had no respons
	Metallic	Non-Metallic	SSM
Complete Shutdown	7%	15%	13%
Partial Closure	19%	23%	4%
<b>Full operation</b>	56%	31%	4%
On and off	19%	31%	78%



#### GDP by Industry (at Current Prices, in million PHP)

	2018Q1	2018Q2	201803	2018Q4	2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2
Agriculture, Forestry, and Fishing	429,666	406,441	396,871	529,639	421,152	395,969	391,684	513,406	447,835	424,212
Industry	1,275,598	1,381,005	1,283,471	1,642,451	1,373,465	1,427,878	1,336,001	1,749,956	1,309,357	1,134,753
DAM	40,944	43,339	40,310	38,530	42,484	45,149	37,032	37,161	33,503	31,869
Services	2,395,875	2,782,346	2,769,870	2,972,958	2,628,334	3,033,414	3,001,344	3,243,814	2,697,101	2,571,588
GROSS DOMESTIC PRODUCT	A 101 139	4 649 365	4 865 519	E 146 049	4 422 002	A 467 343	4 776 650	6 669 499	4 840 993	4 130 553

#### Commodity Price Indices (2016-100)

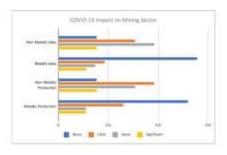
Commodity	Crude Oil (petroleum), Price			Bose Metals Base Metals Price Index, 2016	Precious Metals	
Commodity Description	index, 2916 = 103, simple average of three spot prices: Dated Brant, West Taxas Intermediate, and the Dubai Faton	Netural Ges Price Index, 2016 = 180, includes European, Japanese, and American Netural Ges Price Indices	Coal Price Index, 2915 = 199, Includes Australian and South African Coal	6656 Metals Price Index, 2016  = 100, Includes Aluminum, Cobalt, Copper, Iron One, Load, Molybdenum, Nickel, Tin, Uranium and Zinc Price Indices	Precious Metals Price Index, 2016 = 100, includes Gold, Silver, Palledium and Platinum Price Indices	
Data Type	Index	tiidex	Index	Index	Index	
2018M1	149.22	155.09	155,44	136.01	107.0	
2016MZ	141.81	142.65	152.57	137.62	107.4	
2018M2	143.34	130.09	146.08	152.47	100.6	
2018M4	153.80	124.49	144.06	133,69	107.1	
2016M5	167.08	132:94	157.78	134.35	104.8	
2018866	185.24	143,58	167,88	138.11	103.3	
2018M7	167.92	140.46	172.74	126.91	99.3	
2018M8	165.28	149.00	164.00	125.10	96.5	
2018M9	174,60	162.72	163:46	124.62	96.5	
2018M10	179.06	154.85	158.98	127.68	96.2	
2018M11	146.29	161.98	147.78	125.88	06.3	
20186612	136.04	153.36	150/03	123.09	101.0	
2010M1	131.42	133.18	145.34	124.92	104.8	
301940	142:53	111,27	135.11	134,63	107.4	
2012663	348.86	102:54	128.62	138.34	106.3	
2010644	160.45	96.21	116,65	120.58	104.6	
2016MS	187.13	91,08	114.94	130.63	104.0	
2010660	139.92	78.39	104.39	141.34	100.0	
2010427	144.45	78.89	106.29	147.53	114.4	
DOYDMA	138.17	73.99	95.41	133.30	120,6	
00104/9	142.33	80,85	94.13	134.73	122.4	
30196410	135.65	83.54	101.83	152.00	121.8	
3019M11	142.60	96.16	109.96	126.09	120.1	
30194412	149-22	87.37	114.81	131,25	121.1	
9920M1	145.14	76.92	119.18	130.35	129.0	
3020M2	126.53	81.64	114,74	126.00	132.7	
2020M3	76.22		101.16	120.11		
202084	50.45	46.70	47.55	115.19	117.55	
202045	72.25	43.83	80.47	121.64		
202046	92.89	43.38	81.57	132.11		

### Gross Value Added in Mining and Quarrying by Industry, Implicit Price Index

	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019QZ	2019Q3	2019Q4	2020Q1	2020Q2
Mining of coal	76,4	113	234.5	57.3	67.2	75.8	127	37.3	47.9	49.1
Extraction of crude petroleum and natural gas	129.3	55.4	360.9	133,4	129.9	53.9	145.5	123.5	88.8	29.6
Mining of gold ores and other precious metals	102.3	100	104.3	93.2	100.2	101.6	129.1	114.8	141,6	160.5
Mining of nickel ares	129.9	89.1	98.8	183.7	115.5	83.2	111.9	134.9	122.4	88.9
Mining of copper ores	43.3	194.8	136.6	284.2	41.1	187,4	140,8	209.4	34	155.1
Stone quarrying, and other mining and quarrying	92,6	106.2	134.3	85.5	101.2	98.7	125.8	89.7	109.4	109
Gross Value Added in Mining and Quarrying	93.2	87.5	134.5	97.1	93.6	79.5	128.1	97.5	93.4	72.6

#### Peri-Fundemic Qualitative Survey (Metallic and Non-Metallic Mining)

What kind	of effect did the pands	mic have on you production	Tenles been	
	Metallic Production	Non-Metalic Production	Metallic Sales	Non-Metallic Sales
Nane	14	2	15	2
Little	7.		5	4
Some	3	4		5
Significant				3
	N(metalic)+	27		
	N(non-metuffic)=	13		
	Metallic Production	Non-Metallic Production	Metallic Sales	Non-Motallic Sales
None	52%	15%	56%	15%
Little	26%	38%	19%	31%
Some	11%	31%	15%	18%
Significant	11%	15%	11%	15%



# Exports of Goods (2018=100, in million PHP)

		% Change		N=	
2000	1,451,002			1	
2001	1,308,672	-9.81%		2	
2002	1,309,836	0.09%		3	
2003	1,421,459	8.52%		4	
2004	1,461,013	2.78%		5	
2005	1,482,008	1.44%		6	
2006	1,613,205	8.85%		7	
2007	1,652,055	2.41%		8	
2008	1,647,293	-0.29%		9	
2009	1,481,405	-10.07%		10	
2010	1,769,189	19.43%		11	
2011	1,697,601	-4.05%		12	
2012	1,901,720	12.02%		13	
2013	1,817,413	-4.43%		14	
2014	2,058,273	13.25%		15	
2015	2,132,561	3.61%		16	
2016	2,307,014	8.18%		17	
2017	2,725,527	18.14%		18	
2018	3,081,897	13.08%		19	
2019	3,116,492	1.12%		20	
2020	2,849,277	-8.57%	-9.70%	21	

AAGR till 2019	4.44%
CAGR till 2019	3.90%
CAGR till 2020	3.27%

# Exports of Goods (FOB in million USD)

		% Change
Jan-Mar 2018	16,906,391,406	
Jan-Mar 2019	16,575,519,078	-1.96%
Jan-Mar 2020	15,732,240,646	-5.09%
Apr-May 2018	17,490,354,081	
Apr-May 2019	18,001,746,366	2.92%
Apr-May 2020	12,748,891,537	-29.18%

Top 20 Export Destinations (FOB in '000 USD) and 2020 COVID-19 Statistics

Export				No. of Cumulative
Rank		2019	2020	<b>COVID-19 Positive Cases</b>
1	Japan	10,674,916.70	9,897,221.05	217,312
2	USA	11,566,730.41	9,707,281.12	18,648,989
3	China	9,814,427.52	9,593,520.57	96,324
4	Hong Kong	9,624,897.42	9,092,588.24	96,324
5	Singapore	3,831,791.66	3,757,420.27	58,519
6	Thailand	2,972,480.23	2,881,970.99	6,020
7	South Korea	3,240,829.68	2,525,504.52	56,872
8	Germany	2,723,243.71	2,366,952.58	1,640,858
9	Taiwan	2,253,461.47	2,055,625.03	96,324
10	Netherlands	2,266,052.62	1,892,671.32	754,171
11	Malaysia	1,825,274.25	1,742,801.31	103,900
12	Vietnam	1,269,635.64	1,272,467.54	1,440
13	India	545,445.46	547,982.78	10,187,850
14	Mexico	672,266.38	545,240.90	1,372,243
15	France	801,573.88	472,117.93	2,507,532
16	Indonesia	829,016.23	453,439.80	706,837
17	Switzerland	417,289.15	450,295.52	426,199
18	UK	506,037.44	404,575.66	2,256,009
19	Canada	621,071.60	390,125.46	539,298
20	Australia	398,099.78	356,937.18	28,296
	TOTAL	66,854,541.22	60,406,739.75	
		% Change	-9.64%	

# MAQ Exports (FOB in million USD)

	2019	2020	% Change
Copper Concentrates	552,577.44	159,175.98	-71.19%
Copper Metal	1,252,814.61	1,434,415.47	14.50%
Gold	900,620.83	874,418.51	-2.91%
Iron Ore Agglomerates	14,264.63	153,714.21	977.59%
<b>Chromium Ore</b>	7,673.97	6,678.75	-12.97%
Other Mineral Products	1,947,034.67	2,353,943.38	20.90%
<b>Petroleum Products</b>	225,567.86	177,501.24	-21.31%
Nickel	97.00	n.a.	
TOTAL	4,900,650.99	5,159,847.53	5.29%

# Quarterly Indices on Compensation per Employee at Constant Prices (2016=100)

	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2
Total MAQ	87.20	61.05	133.07	204,06	90.10	62.27	137,59	209.36	86.18	58.56
Total Metallic	63.73	109.86	93.95	159.32	63,87	114.85	97.32	172.14	62.18	102.49
Total Non-Metallic (including coal)	214.71	39.98	581.79	343.79	226.62	40.15	579.19	334.74	229.24	37.85
Crude Oil (for oil and gas)	122.48	120.83	52.78	83.25	143.62	126.66	50.71	76.05	128.24	119.45

# Peri-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

# How has the pandemic negatively affected your activities?

	Metallic	Non-Metallic
Lesser transparency/reporting	4	1
Delay in exploration/development plans	13	6
Cancelled exploration/development plans	1	1
One or more projects got suspended	4	7
One or more projects got shelved	4	1
Fewer benefits for workers	4	2
Decrease in exports	6	1
N=	27	13

	Metallic	Non-Metallic
Lesser transparency/reporting	15%	8%
Delay in exploration/development plans	48%	46%
Cancelled exploration/development plans	496	8%
One or more projects got suspended	15%	54%
One or more projects got shelved	15%	8%
Fewer benefits for workers	15%	15%
Decrease in exports	22%	8%

## Qualitative Survey on Transparency and Reporting (PH-EITI)

## Number of Entities that Reported ... the Deadline

	Oil and Gas Companies	Metallic Mining Projects	Non-Metallic Mining Projects	Government Departments/Agencies
Before	2	27	11	2
On	1	1	7	6
Past	0	11	7	0:
Did Not Report	2	11	3	1
N=	5	50	28	9

# Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

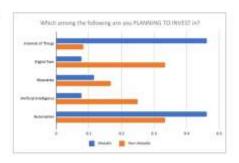
In terms of modern technology, which among the following have you ALREADY INVESTED in?

	Metallic	Non-Metallic
Automation	6	4
Artificial Intelligence	1	4
Wearables	3	2
Digital Twin	3	4
Internet of Things	11	5
N=	26	12

	Metallic	Non-Metallic
Automation	23%	33%
Artificial Intelligence	4%	33%
Wearables	12%	17%
Digital Twin	12%	33%
Internet of Things	42%	42%

#### Ex-Pandemic Qualitative Survey (Metallic and Non-Metallic Mining)

in terms of modern ted	thrology, v	which among th	e following are you PLANNING TO INVEST in?
	Metallic	Non-Metallic	
Automation	12	4	
Artificial Intelligence	2	1	
Wearables	3	2	
Digital Twin	2	4	
Internet of Things	12	. 1	
No	26	12	
	Metallic	Non-Metallic	
Automation	46%	33%	
Artificial Intelligence	8%	25%	
Wearables	12%	17%	
Digital Twin	8%	33%	
Internet of Things	AdN	.5%	



# Share of Renewable Energy\* in the Power Mix vis-à-vis Other Sources

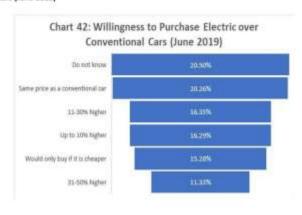
```
2000 44.31%
2001 38.65%
2002 36.98%
2003 34.76%
2004 35.02%
2005 33.63%
2006 37.35%
2007 32.85%
2008 35.21%
2009 33.85%
2010 27.44%
2011 29.87%
2012 29.64%
2013 27.56%
2014 26.75%
2015 26.54%
2016 25.29%
2017 25.66%
2018 23.98%
2019 21.34%
```

<sup>\*</sup>includes solar, wind, and other renewables

### Willingness to Purchase Electric over Conventional Cars (June 2019)

Do not know 20.50% Same price as a conventional car 20.26% 11-30% higher 16.35% Up to 10% higher 16.29%

Would only buy if it is cheaper 15.28% 31-50% higher 11.33%



# 2019 Total Energy Primary Supply Mix (in MTOE)

Net Imported Biofuels	24.04
Net Imported Coal	1021.7
Net Imported Oil	1875.12
Oil	54.09
Coal	727.21
Natural Gas	360.6
Geothermal	919.53
Hydro	198.33
Biomass	775.29
Biofuels	36.06
Wind/Solar	18.03

#### Sources of Electricity

	Cost	Gas	Hydra	Solar	Wind	Oli	Other Renewables	No
2000	18%	22%	18%	0%	0%	15%	27%	1
2001	23%	28%	16%	0%	096	16%	23%	2
2002	25%	22%	15%	014	DNG	16%	22%	
2003	26%	23%	15%	0%	0%	16%	19%	
2004	26%	23%	16%	0%	D16	16%	19%	5
2005	31%	21%	15%	01%	D%	15%	18%	
2006	29%	19%	18%	0%	0%	14%	19%	7
2007	32%	20%	15%	- 0%	0%	14%	18%	8
2008	34%	18%	17%	0%	0%	13%	18%	. 9
2009	35%	18%	16%	0%	0%	13%	17%	10
2010	38%	20%	12%	0%	0%	1.4%	15%	- 11
2011	37%	35%	15%	0%	D96	14%	15%	12
2012	17%	19%	15%	0%	0%	14%	19%	13
2013	38%	20%	14%	.0%	0%	14%	14%	14
2014	41%	19%	12%	0%	016	13%	14%	15
2015	41%	19%	11%	DNL	1%	3.4%	19%	10
2016	41%	20%	9%	1%	196	14%	14%	17
2017	43%	39%	11%	1%	1%	12%	13%	18
2018	46%	19%	10%	1%	1%	11%	12%	19
2019	48%	19%	8%	1%	1%	11%	11%	20
	34,55%					13.92%	16,92%	
CAGR	4.93%	-0.72%	-3.94%			-1.49%	-4,26%	



# Projected Energy Demand by 2040 (in MTOE) and 23-Year AAGR

	Transport	Household	Industry	Services	Agriculture
Oil Products	34,48	3.35	8.13	4.75	0.79
Electricity	0.3	10	9.69	8.58	0.97
Oil Products (AAGR)	5%	5%	8%	4%	6%
Electricity (AAGR)	17%	7%	7%	7%	7%

#### Cx-Pandemic Qualitative Survey (Metalik, Non-Metalific Mining, and SSM)

Which aspect/s of NEW/ADDETIONAL government intersection/regulation will adversely affect your bottom line?

Metallic	Non-Metallic	33M	
	1	19	
	1	18	
	1	10	
- 3	1	18	
13	1	14	
1	0	. 0	
0	1	. 6	
26	12	24	
	Metalii: 9 8 2 3 13 11 0 28	Metalik Non-Metalik  3 3 8 3 2 1 3 1 10 9 11 0 12 1 36 12	Metalii: Non-Metalii: 83M 3 23 8 1 18 2 1 19 5 1 18 10 0 1 0 1 0 2 2 2 34 1 0 0 1 0 0 2 1 0

6×	36	12	24
	Metallic	Man-Metalik	SSM
Environmental Cancorns	35%	25%	79%
Indigenous People's Rights	22%	2%	25%
Workers' health and safety	254	2%	72%
Employment terms and compensation	196	2%	75%
Licensing and contract negotiations	426	35%	58%
Foreign ownership	4%	this contract the	4%
Continued teriffs on imports	0%	850	0%

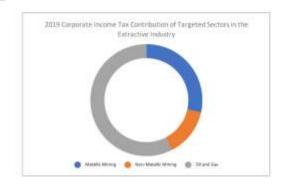


### Impact of EO 130 on Mining Statistics

	2020 Figures		Output per each of the	existing 309 mining permits/companies
Production	132.69	billion PHP	0.4294 billion PHP	
Export	5.20	billion USD	0.0168 billion USD	
GVA	102.30	billion PHP	0.3311 billion PHP	
Taxes and Fees Paid	25.52	billian PHP	0.0826 billion PHP	
Employment	184	thousand	0.5955 thousand	
	Output from	the initial 35/100 projects to be approved	Output with the remai	ning 65 projects in the pipeline
Production	15.03	billion PHP	42.94 billion PHP	
Export	0.59	billion USD	1.68 billion USD	
GVA	11.59	billion PHP	33.11 billion PHP	
Taxes and Fees Paid	2.89	billion PHP	8.26 billion PHP	
Employment	20.84	thousand	59.55 thousand	
	2020 Figures		Short-Term Growth	Long-Run Projection
Production	132.69	billion PHP	147.72 billion PHP	175.63 billion PHP
Export	5.20	billion USD	5.79 billion USD	6.88 billion USD
GVA	102.30	billion PHP	113.89 billion PHP	135.41 billion PHP
Taxes and Fees Paid	25.52	billion PHP	28.41 billion PHP	33.78 billion PHP
Employment	184	thousand	204.84 thousand	243.55 thousand

### Corporate Income Tax Contributions of Targeted Companies\* in 2019

		Target Number
Metallic Mining	3,270,800,906	52
Non-Metallic Mining	1,590,317,466	23
Oil and Gas	6,601,214,931	5
Extractive Industry	11,462,333,303	
*1	hat reported	



ISE Price	el Gold per Dus	4			85P Non-Mile	tetery Gold E	sports (in mili	lan LESSE		2000 Data		
		N Change					% Change			Total Non-Attynopers Cald Exports-	1.2	Miles (SI)
3000	414.90		1		2009	10.55				Price of Guld per Dunor MSSI-	1,775.73	
1000	604.34	81,80%			2000	treas	286%	2 8				moves of gold expected.
1007	479.41	15,165	1		2007	206.70	-76					\$2.15 menes
2000	WILLIAM	21,369	3 4		2006	60.80	Artic					Mins of gard exported
2009	979.66	31,619	1 12		2009	216.13	-679				-	To the property of
2000	1,326,66	25,58%			2010	387.41	35%			Number of Metalic Mossifi-	- 52	
3613	1,573.16	38,25%			2003	456.00	210%	7		Number of Gold Miner ? v		
2013	1,000,00	6.08%			2003	471.67	250					Share of Gold Mines in Total Mystellic Wines
2011	1.409.51	25.54%			2011	112.37	349					
1014	1,710,00	60.18%	- 10		2014	251.00	:00	90			1,000.00	Miss of gold coperted per wine
3015	1,330.00	16,67%			2003	345.18	100	- 11		2.4		names of gold reported per mine
2016	1,251,02	8,00%	12		2006	198.25	1129	12			1000	
2017	1,866.39	0.68%			2017	689.05	12%	18		Bumper of tribal Misses to be Approved **	45	
3618	1,296.93	0.68%	14		200.0	1,150.13	679	34		*how MGB		of these intital miles are decreed to be gold
1919	1,700.34	0.80%	15		2018	1,394,34	179	n				blips of additional exports
2000	1,779.75	FT:30%	16		2000		-12%	34				the or an arrangement of the contract of the c
	68 (1905-2000)	10.70%				0005-2600	39,31%	0	No.	mining Number of Mines in the Rosslow*v	63	
	ER (1905-2000)	9,609				DOOR SELECT	23.36%			modulation a security statement		of these remaking mines are derived to be go
	the Interactional	4,444			5594	Trine series	10,100					Min of additional reports
pere	through the Address 21,250-27	\$5,000,07	(s AAGR)	(» CASH)	(+ CREA) configure	Shart fore Smooth 21,552.77	happeline ELMS77	Short-Yere Grewith 197,921.45	Projection 992,021,45			
3683	30,025.75	15,707,71	TUDAN			41,700,48	01,442.46	LH8219.75	1,110,000,19			
2010	41,419.60	34,867.05	JUES H.	15,740.18		63,646-60	055034	THERED	1,550;34106			
2023	98,374.09	88,189,88	80,433.60	22,404.18		\$6,675.49	10,234.39	F,850,569.F0	1.904.969.07			
2000		44,000 DE			94,237.68		96,75219		EXPLEMENTS.			
268		19794010			64,830,71		117,467.58		3,778,555.19			
2026		62,942.58			77,457,45		140,440.00		4,515,046,13			
HERT		15351.00			99,463.12		167,905.29		5,790,155-14			
					-000	brance.						
-	Price of Beld (s	Heart-Tures	2000		Forecassed &		See.					
		Scouts.	Comp.thus Projection		THE PERSON CO.	than-less	1000					
	Beadwark	(x AARRS)	\$ CAGN		Charin	Growth	Projection					
	1,775.78				2000		1,039.06					
inte		1,965.51	1,993.66		2001	1,686.01	2.576.00					
2003		2,473.71	2,100.40		2003	4,446.33	3,354,58					
2003 2003					2003	E-861-61	4.377.66					
2023 2023 3023		2,486.37	2,196.79									
2023 2023 3023 2024		2,486,37	2,586,38 2,586,38		2004		2,916.74					
2023 2023 2023 2024 2024		2,480,10	2,586.38 2,782.87		2004 2025		2,816.74 (0,319.38					
2023 2023 3023 2024		2,496,37	2,586.38		2004							

#### Ferenagied Export Value of Michel with EV Market Grawth and EO 103

	Mishel				Export Value of		
	Production Values (MT)	Production Value (PHF)	Peso-Daller E/R	Production Value (USO)	Nickel (USO)	% Share	
2213	528,265	90,751,748,589	42,4462	724/016/530125	14,116,898	1.99%	Ø,
3014	-409;133	59,769,317,981	44.3952	1,346,301,356.48	336,108,012	23,78%	
2015	422,244	34,206,246,327	45.3028	753,057,977.25	326,101,715	43.70%	
3016	347,835	23,717,259,173	47,4925	499, 990, 412 65	295,373,873	51.34%	
3017	896,617	24,648,501,008	56.4667	489,021,659.38	444,307,448	90.88%	
3010	354,969	29,879,995,398	52,5618	548,409,183.92	374,948,887	68.37%	
2019	373,325	31,791,589,469	52,7956	613,767,014.55	.353,720,469	63.58%	
2020		88,859,100,189	49.8241	781,068;116.40	448,121,775	60	
				30	464 (2014-2009)»	56.97%	

\*or nickel matter, nickel ceide sinters, and other intermediate products of nickel metallurgy (USC

district	the West Arts		44.00	S stone !	-	and the last	regligible
- Williams	ALC: UNKNOWN	reason.			2011		THE REAL

	Export Value of				3020 Outs		
	Hickel Matters, etc.* (USD)	N Change	500		Total Nickel® Exports=	440.11	million USD
3014	120,000,012			1.			
3016	329,103,715	2.9	1/hi	- 3	Number of Metallic billioecffo	50	
3016	355,371,079	-22.4	ins.	1.6	Mamber of Niskel Miles***-	29	i
3317	444,307,648	73.9	966	4	**Store MGB		
2018	374,948,607	-15.6	1%	5		589	Share of Gold Mines in Total Metallis Mines
2019	392,720,469	47	4%	0.0			
2020	440,121,775	15.6	006	*			million USD worth of
	AAGR (2014-2010)= 0.52%	6					exports per nickel mine
	CAGR (2014-2020) - 4,065	6					
					Management to the Advanced by the Advanced to the Advanced to Management and the Company of the		

30 of these initial relies are deemed to be nickel 807.67 relies used of additional experts

58 of these remaining raines are deemed to be gain

Panecasted Nickel Export Production (in USD million)

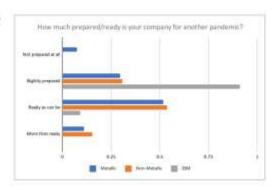
Cetorie	Fartbus		Additional Exports w	HS 60 136			
	Short-Term	Long-Hun	+20 Nichel Mines		-31	Total Nickel D	sports
	Growth	Projection	Short-Tenn	tong-flun	Long-Run	Short-Yerm	Long-Run
	(s AAGR)	(x chGR)	(s AAGA)	D-CAGR)	(a CAGR)	Grewth	Projection
2020	646.12	446.12				496.12	446.13
2021	488.15	467.29	307.67	307.62		756.25	775.40
2007	595.38	490.50	596.98	322.60		872.06	815.1
2025	588,04	504.32	569.04	388.28		955.08	852.6
2024		599.90			191.28		1,478.5
3025		565.48			584.83		1,550.3
2026		592.95			1,092,72		1,625.9
3027		921.74			1,892.87		1,794.6

# Global EV Market Value and Philippine Nickel Exports Forecasts

		Share of Phil	lippine	
	Global EV Market Value	Nickel Exports		
	Value (in USD billion)	Short-Term	Long-Term	
2020	231.57	0.1927%	0.1927%	
2021	276.58	0.2935%	0.2859%	
2022	330.33	0.2691%	0.2510%	
2023	394.53	0.2468%	0.2204%	
2024	471.21		0.3143%	
2025	562.79		0.2759%	
2026	672.17		0.2422%	
2027	802.81		0.2127%	

### Peri-Pandemic Qualitative Survey

	Metallic	Non-Metallic	SSM
More than ready	1196	15%	0%
Ready as can be	52%	54%	9%
Slightly prepared	30%	31%	91%
Not prepared at all	7%	0%	0%



### Ex-Pandemic Qualitative Survey (Metallic and Non-Metalling Mining)

What are your budgetary plans for SOMP in the coming years?

	Metallic	Non-Metallic	
Higher	22	6	
Same	2	2	
Lower	2	4	
N=	26	12	

	Metallic	Non-Metallic
Higher	85%	50%
Same	8%	17%
Lower	8%	33%

