# Corporate Rating Component Scores

Latin America Q2 2023



# **Corporate Rating Component Scores**

## **Latin America**

S&P Global Ratings is publishing the rating component scores report for its public issuer credit ratings in Latin America (LatAm). This article reflects the scores defined in our "Corporate Methodology," which is the criteria we use for rating corporate industrial companies and utilities. We list the scores for the 183 public ratings in LatAm that are within the scope of our corporate methodology, accompanied by charts that show the distribution of aggregated scores. We believe that the list and charts enhance benchmarking across industries and rating levels for all market participants.

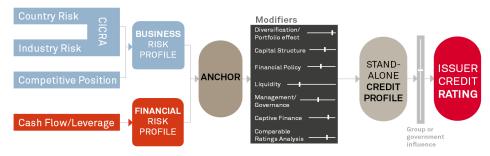
We disclose these scores in line with the information we provide in our rating research publications, such as research updates and full analyses. By releasing all scores for public corporate ratings in LatAm, S&P Global Ratings confirms its commitment to deliver greater transparency and insight into the ratings process and simplify access for all market participants. We've organized ratings alphabetically by industry.

The scores reflect the building blocks of the corporate rating framework (chart 1). Modifiers and components related to our group rating methodology or government-related entity methodology are indicated only where they have a positive or negative effect on the rating.

The report reflects corporate credit ratings and scores as of June 30, 2023. We will not update this document for future rating actions or score revisions. To keep it concise, the list only discloses scores for the main rated entity of larger corporate groups. We omit certain entities such as subsidiaries or holding companies where the ratings are linked to those on their parent companies. In this report, we highlight changes since March 31, 2023.

An Excel copy of the company scores data is embedded in this report (see attachment sidebar), and can be downloaded here.

#### Chart 1 - Component Parts Of A Corporate Credit Rating

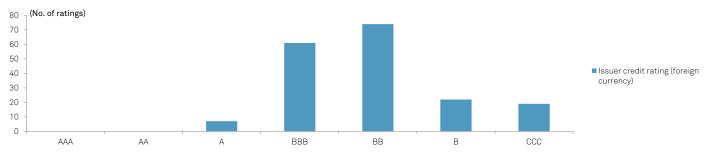


For more information on the corporate criteria framework, please refer to the

Corporate Methodology.

Source: S&P Global Ratings.

#### Chart 2 - Rating Distribution Across Rating Categories For Publically Rated LatAm Corporates



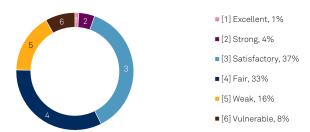
Source: S&P Global Ratings.

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# **Distribution Of Component Scores**

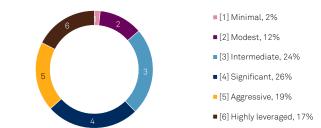
The charts below provide a detailed breakdown of component scores for all publicly rated LatAm corporate entities that fall under the scope of our corporate criteria.

#### Chart 3 - Business Risk Profile



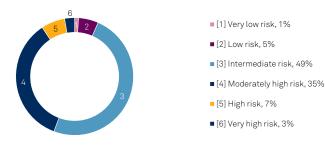
The business risk profile and financial risk profile are combined to determine the anchor. Source: S&P Global Ratings.

### Chart 4 – Financial Risk Profile



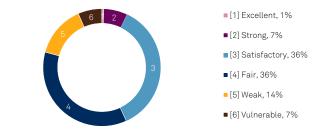
The business risk profile and financial risk profile are combined to determine the anchor. Source: S&P Global Ratings.

#### Chart 5 - CICRA



The country risk and industry risk are combined to determine the CICRA (Corporate Industry and Country Risk Assessment). Source: S&P Global Ratings.

#### Chart 6 - Competitive Position



Competitive position is a component score of the business risk profile. Source: S&P Global Ratings.

#### Chart 7 - Volatility Of Profitability



Volatility of profitability is a component score of competitive position. Source: S&P Global Ratings.

#### Chart 8 - Absolute Profitability



Absolute profitability is a component score of competitive position. Source: S&P Global Ratings.

# **Distribution Of Component Scores (II)**

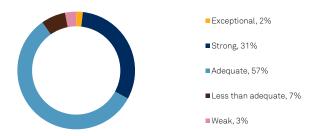
The charts below provide a detailed breakdown of component scores for all publicly rated LatAm corporate entities that fall under the scope of our corporate criteria.

#### Chart 9 - Diversification/portfolio Effect



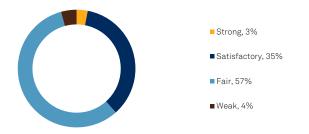
Modifiers notch the anchor to the final rating. Source: S&P Global Ratings.

#### Chart 11 - Liquidity



Modifiers notch the anchor to the final rating. Source: S&P Global Ratings.

#### Chart 13 - Management And Governance



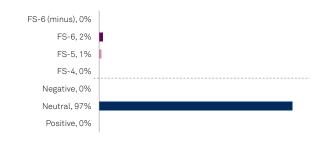
Modifiers notch the anchor to the final rating. Source: S&P Global Ratings.

Chart 10 - Capital Structure



 $\label{lem:modifiers} \mbox{Modifiers notch the anchor to the final rating. Source: $S\&P$ Global Ratings.}$ 

#### Chart 12 - Financial Policy



Modifiers notch the anchor to the final rating. FS--Financial Sponsor. Source: S&P Global Ratings.

#### Chart 14 - Comparable Ratings Analysis



Modifiers notch the anchor to the final rating. Source: S&P Global Ratings.

# **Average Component Scores By Industry**

The table shows how the average scores for the Business Risk Profile (BRP) and Financial Risk Profile (FRP) assessments have changed since March 2023 across 30¹ nonfinancial corporate industries, as defined in "Methodology: Industry Risk".

Table 1 | Average Business Risk Profile And Financial Risk Profile Scores By Industry

Industry	No. of corporates	Busi	ness risk	ess risk profile <sup>2</sup> Financial risk p Mar-23 Change Jun-23 Mar-23 (				
	/industry	Jun-23	Mar-23	Change	Jun-23	Mar-23	Change	
Aerospace & Defense	1	4.0	4.0	No change	3.0	3.0	No change	
Agribusiness & Commodity Foods	11	3.8	3.8	No change	3.8	3.8	No change	
Auto Suppliers	4	4.0	4.3	Stronger	3.0	3.3	Stronger	
Branded Nondurables	16	3.4	3.4	No change	3.2	3.2	No change	
Building Materials	4	3.5	3.5	No change	3.0	3.3	Stronger	
Business & Consumer Services	1	5.0	5.0	No change	6.0	6.0	No change	
Commodity Chemicals	8	3.9	3.9	No change	4.4	4.3	Weaker	
Consumer Durables	1	3.0	3.0	No change	2.0	2.0	No change	
Engineering & Construction	1	6.0	6.0	No change	6.0	6.0	No change	
Forest & Paper Products	5	3.0	3.0	No change	3.6	3.8	Stronger	
Healthcare Services	2	4.0	4.0	No change	5.0	5.0	No change	
Homebuilders & Developers	1	4.0	4.0	No change	4.0	4.0	No change	
Leisure & Sports	2	5.0	5.0	No change	6.0	6.0	No change	
Media & Entertainment	1	4.0	4.0	No change	1.0	1.0	No change	
Metals & Mining Downstream	4	4.0	4.0	No change	3.5	3.3	Weaker	
Metals & Mining Upstream	13	3.7	3.7	No change	3.1	3.1	No change	
Midstream Energy	7	3.6	3.4	Weaker	3.3	3.4	Stronger	
Oil & Gas Integrated, Exploration & Production	12	5.0	5.0	No change	4.4	4.4	No change	
Oil & Gas Refining & Marketing	4	4.0	4.3	Stronger	5.3	5.3	No change	
<u>Pharmaceuticals</u>	2	4.0	4.0	No change	2.0	1.5	Weaker	
Railroads & Package Express	6	4.0	4.0	No change	4.7	4.7	No change	
Real Estate Investment Companies	5	3.6	4.2	Stronger	3.6	3.8	Stronger	
Regulated Utilities	14	4.0	4.0	No change	4.7	4.7	No change	
Retail & Restaurants	8	3.3	3.3	No change	3.1	3.1	No change	
Specialty Chemicals	1	3.0	3.0	No change	2.0	2.0	No change	
Technology - Software & Services	2	4.0	4.0	No change	4.0	4.0	No change	
Telecom & Cable	16	3.8	3.8	No change	4.6	4.6	No change	
Transportation Cyclical	5	5.0	5.0	No change	6.0	6.0	No change	
Transportation Infrastructure	5	3.6	3.6	No change	4.6	4.6	No change	
Unregulated Power & Gas	17	3.5	3.5	No change	4.4	4.5	Stronger	

# Component Scores Breakdown by Industry Breakdown of corporate ratings component scores for LatAm Corporate Ratings, as of June 30, 2023. Click on a company's name to navigate to its page on Capital IO RatingsDirect. An Excel copy of the data is embedded in this report (see attachment sidebar), and can be dowloaded here. For Group/Gov Impact, changes since June 30, 2022 are not specified. Business Risk Profile Financial risk p

			Business Risk Profile		Financial risk profile	_			
	Company	CICRA1	Competitive position	Business risk	Cash flow/leverage	Anchor	Modifiers (active)	Liquidity	Gov&Group Impact2 FC LT3 Rating
Ī	AEROSPACE & DEFENSE								
	Embraer S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Strong	BB+
	Average scores for Aerospace & Defense	3.0	4.0	4.0	3.0				

AGRIBUSINESS & COMMODITY FOODS									
3 Adecoagro S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		BB
Camil Alimentos S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate	Yes (-1 notch)	BB-
Frigorifico Concepcion S.A.	[4] Moderately high risk	[6] Vulnerable	[6] Vulnerable	[5] Aggressive	b		Less than adequat	e	В
Gruma S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Negative (-1 notch)	Strong		BBB
Jalles Machado S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		BB
JBS S.A.	[3] Intermediate risk	[2] Strong	[2] Strong	[4] Significant	bbb	Comparable ratings analysis: Negative (-1 notch)	Strong		BBB-
Marfrig Global Foods S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb	Comparable ratings analysis: Positive (+1 notch)	Strong		BB+
Minerva S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Strong		BB
Raizen S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong	Yes (-1 notch)	BBB-
S.A. Usins Coruripe Acucar e Alcool	[3] Intermediate risk	[5] Weak	[5] Weak	[5] Aggressive	b+	Liquidity: Weak (-2 notches)	Weak		B-
3 Sao Martinho S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
Average scores for Agribusiness & Commodity Foods	3.1	3.8	3.8	3.8					

AUTO SUPPLIERS								
lochpe-Maxion S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Adequate	BB-
Metalsa S.A. de C.V.	[4] Moderately high risk	[4] Fair	[4] Fair	[2] Modest	bbb-	Comparable ratings analysis: Negative (-1 notch)	Strong	BB+
Nemak S.A.B. de C.V.	[4] Moderately high risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Strong	BB+
Tupy S.A.	[4] Moderately high risk	[4] Fair (was [5])	[4] Fair (was [5])	[2] Modest (was [3])	bbb- (was bb)	Comparable ratings analysis: Negative (-1 notch, was Neutral)	Strong	BB+ (was BB)
Average scores for Auto Suppliers	4.0	4.0	4.0	3.0				

BRANDED NONDURABLES									
3 Alfa S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Strong	•	BBB-
, Amber S.A.	[3] Intermediate risk	[2] Strong	[2] Strong	[1] Minimal	aa-	Comparable ratings analysis: Negative (-1 notch)	Strong	Yes (-4 notches)	BBB
3 Arca Continental Lindley S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate	Yes (+2 notches)	BBB+
3 Avon Products Inc.	[2] Low risk	[5] Weak	[5] Weak	[6] Highly leveraged	b- (was b)		Adequate	Yes (+3 notches)	BB-
3 Becie S.A.B. de C.V.	[2] Low risk	[4] Fair	[4] Fair	[2] Modest	bbb-	Comparable ratings analysis: Positive (+1 notch)	Strong		BBB
BRF S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Strong		BB-
Coca-Cola Femsa S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Positive (+1 notch)	Strong		A-
Compania Cervecerias Unidas S.A. (CCU)	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Adequate		BBB
Embotelladora Andina S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Adequate		BBB
grupo Bimbo S.A.B. de C.V.	[2] Low risk	[2] Strong	[2] Strong	[3] Intermediate	bbb+		Strong		BBB+
grupo Embotellador Alic S.A.	[3] Intermediate risk	[5] Weak	[5] Weak	[3] Intermediate	bb	Management & governance: Weak (-1 notch)	Adequate		BB-
3 Grupo KUO S.A.B. de C.V.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		ВВ
Kimberly-Clark de Mexico S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Positive (+1 notch)	Strong		A-
Natura & Co Holding S.A	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		ВВ
Natura Cosmeticos S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		ВВ
Sigma Alimentos S.A. de C.V.	[2] Low risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong	Yes (-1 notch)	BBB-
Average scores for Branded Nondurables	2.8	3.4	3.4	3.2					

BUILDING MATERIALS									
Cemex S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-	Comparable ratings analysis: Negative (-1 notch)	Strong		BB+
3 GCC S.A.B. de C.V.	[3] Intermediate risk	[4] Fair	[4] Fair	[2] Modest	bbb-		Strong		BBB-
3 UNACEM Corp. S.A.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[3] Intermediate (was [4])	bb+ (was bb)	Comparable ratings analysis: Negative (-1 notch, was Neutral)	Adequate		ВВ
3 Votorantim S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong	Yes (-1 notch)	BBB-
Average scores for Building Materials	3.0	3.5	3.5	3.0					

SINESS & CONSUMER SERVICES

C	CICDA	0	Duniana 11	Cook flower	A	Madifican (aution)	Limitation 0.000 v. C.	FOLTER
Company  LifeMiles Ltd.	CICRA¹ [3] Intermediate risk	Competitive position [5] Weak	Business risk [5] Weak	Cash flow/leverage [6] Highly leveraged	Anchor b-	Modifiers (active)  Comparable ratings analysis: Positive (+1 notch)	Adequate Yes (-1 notch)	B-
Average scores for Business & Consumer Services	3.0	5.0	5.0	6.0				
COMMODITY CHEMICALS								
Alpek S.A.B. de C.V.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Strong	BBB-
Braskem Idesa S.A.P.I.	[4] Moderately high risk	[4] Fair	[4] Fair	[6] Highly leveraged	b	Liquidity: Strong (+1 notch)	Strong	B+
Braskem S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Strong	BBB-
Consolidated Energy Ltd.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb	Comparable ratings analysis: Negative (-1 notch)	Adequate	BB-
Cydsa S.A.B. de C.V.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate	BB
Grupo Idesa S.A. de C.V.	[4] Moderately high risk	[5] Weak	[5] Weak	[6] Highly leveraged	b- (was N/A)		Weak	B- (was CC)
Orbis Advance Corp. S.A.B. de C.V.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Strong	BBB-
Unigel Participacoes S.A.	[4] Moderately high risk	[5] Weak	[5] Weak	[5] Aggressive (was [4])	N/A (was bb-)			CCC+ (was BB-)
Average scores for Commodity Chemicals	3.9	3.9	3.9	4.4	TOA (Mas os )			0001 (Mas 22)
Average scores for Commodity Chemicals	3.5	3.8	5.0	4.4				
CONSUMER DURABLES								
	folia	(010 (	f010 v: f	[0] 14				200
Controladora Mabe S.A. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Negative (-1 notch)	Adequate	BBB
Average scores for Consumer Durables	3.0	3.0	3.0	2.0				
ENGINEERING & CONSTRUCTION								
CLISA-Compania Latinoamericana de Infraestructura & Servícios S.A.	[6] Very high risk	[5] Weak	[6] Vulnerable	[6] Highly leveraged	N/A			CCC-
Average scores for Engineering & Construction	6.0	5.0	6.0	6.0				
FOREST & PAPER PRODUCTS								
Celulosa Arauco y Constitucion S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Strong	BBB-
Empresas CMPC S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate (was [4])	bbb (was bbb-)		Strong	BBB (was BBB-)
Empresas Copec S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Adequate	BBB
Klabin S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-	Comparable ratings analysis: Negative (-1 notch)	Strong	BB+
Suzano S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Exceptional	BBB-
Average scores for Forest & Paper Products	4.0	3.0	3.0	3.6				
HEALTHCARE SERVICES								
Auna S.A.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[6] Highly leveraged	b (was N/A)		Less than adequate	B (was CCC+)
Rede D'Or Sao Luiz S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Strong	BB
Average scores for Healthcare Services	3.0	4.0	4.0	5.0				
HOMEBUILDERS & DEVELOPERS								
Vinte Viviendas Integrales S.A.B. de C.V.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb	Comparable ratings analysis: Negative (-1 notch)	Adequate	BB-
Average scores for Homebuilders & Developers	4.0	4.0	4.0	4.0				
LEISURE & SPORTS								
Enjoy S.A.	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged	N/A			CCC- (was CCC-
Grupo Posadas S.A.B. de C.V.	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged	b-		Less than adequate	B-
Average scores for Leisure & Sports	3.0	5.0	5.0	6.0				
MEDIA & ENTERTAINMENT								
Globo Comunicacao e Participacoes S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[1] Minimal	bbb-	Comparable ratings analysis: Negative (-1 notch)	Exceptional	BB+
Average scores for Media & Entertainment	3.0	4.0	4.0	1.0				
METALS & MINING DOWNSTREAM								
	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb		Strong	BB
Companhia Siderurgica Nacional	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb bbb-		Strong	BB BBB-
Companhia Siderurgica Nacional Gerdau S.A.	[4] Moderately high risk	[2] Strong	[3] Satisfactory	[3] Intermediate	bbb-	Comparable ratings analysis: Positive / 41 noteth was Noteton	Strong	BBB-
METALS & MINING DOWNSTREAM  Companhia Siderurgica Nacional  Gerdau S.A.  Molibdence y Metales S.A.  Usinas Siderurgicas de Mines Gerás S.A.						Comparable ratings analysis: Positive (+1 notch, was Neutral) Comparable ratings analysis: Positive (+1 notch)	Strong	

Company	CICRA¹	Competitive position	Business risk	Cash flow/leverage	Anchor	Modifiers (active)	Liquidity	Gov&Group Impact2	FC LT <sup>3</sup> Rating
METALS & MINING UPSTREAM									
Antofagasta PLC	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Negative (-1 notch)	Adequate		BBB
Aris Mining Corp.	[4] Moderately high risk	[5] Weak	[5] Weak	[5] Aggressive	b+		Adequate		B+
Aura Minerals Inc.	[4] Moderately high risk	[5] Weak	[5] Weak	[4] Significant	bb-	Comparable ratings analysis: Negative (-1 notch)	Adequate		B+
CAP S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Adequate		BB+
Corporacion Nacional del Cobre de Chile	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb	Comparable ratings analysis: Negative (-1 notch, was Neutral)	Adequate	Yes (+7 notches)	Α
Fresnillo PLC	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Strong	Yes (-1 notch)	BBB
Grupo Mexico S.A.B. de C.V.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Adequate		BBB+
Industrias Penoles S.A.B. de C.V.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong		BBB
Minera Escondida Ltda.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Adequate		BBB+
Minsur S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Adequate		BB+
Nexa Resources S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb		Strong	Yes (+1 notch)	BB+
Vale Indonesia Tbk. PT	[4] Moderately high risk	[5] Weak	[5] Weak	[2] Modest	bb+	Comparable ratings analysis: Negative (-1 notch)	Adequate		BB
Vale S.A.	[4] Moderately high risk	[2] Strong	[3] Satisfactory	[3] Intermediate	bbb	Management & governance: Weak (-2 notches) Comparable ratings analysis: Positive (+1 notch)	Strong		BBB-
Average scores for Metals & Mining Upstream	4.0	3.6	3.7	3.1					
MIDSTREAM ENERGY									
SNL Quintero S.A.	[3] Intermediate risk	[3] Satisfactory (was [2	]) [3] Satisfactory (was [2]	[2] Modest (was [3])	bbb+		Strong		BBB+ (was
Infraestructura Energetica Nova S.A.P.J de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Adequate	Yes (+1 notch)	BBB
National Gas Co. of Trinidad & Tobago Ltd. (The)	[3] Intermediate risk	[4] Fair	[4] Fair	[2] Modest	bbb-		Strong		BBB-
Oleoducto Central, S.A. (OCENSA)	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Adequate	Yes (-3 notches)	BB+
P.M.I. Trading DAC	[3] Intermediate risk	[4] Fair	[4] Fair	[6] Highly leveraged	b	Capital structure: Negative (-1 notch) Management & governance: Weak (-1 notch)	Weak	Yes (+7 notches)	BBB
Fransportadora de Gas del Peru S.A.	[3] Intermediate risk	[2] Strong	[2] Strong	[2] Modest	a	Management & governance: Fair (-1 notch) Comparable ratings analysis: Negative (-1 notch)	Strong	Yes (-1 notch)	BBB
Transportadora de Gas del Sur S.A. (TGS)	[5] High risk	[6] Vulnerable	[6] Vulnerable	[5] Aggressive	N/A				CCC-
Average scores for Midstream Energy	3.3	3.6	3.6						
			0.0	3.3					
				3.3					
OIL 8 GAS INTEGRATED, EXPLORATION 8 PRODUCTION	[4] Moderately high risk	[4] Fair	[4] Fair	3.3 [4] Significant	bb	Comparable ratings analysis: Negative (-1 notch)	Adequate		BB-
OIL & GAS INTEGRATED, EXPLORATION & PRODUCTION  Canadol Energy Ltd.					bb N/A	Comparable ratings analysis: Negative (-1 notch)	Adequate		BB-
OIL & GAS INTEGRAȚED, EXPLORATION & PRODUCTION Canacol Energy Ltd. Compania General de Combustibles S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant		Comparable ratings analysis: Negative (-1 notch)	Adequate  Adequate	Yes (-1 notch)	
OIL & GAS INTEGRATED, EXPLORATION & PRODUCTION Canacol Energy Ltd. Compania General de Combustibles S.A. Ecopetrol S.A.	[4] Moderately high risk (6) Very high risk	[4] Fair	[4] Fair [6] Vulnerable	[4] Significant	N/A	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)		Yes (-1 notch)	CCC-
OIL & GAS INTEGRATED, EXPLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Cops.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk	[4] Fair [8] Vulnerable [3] Satisfactory	[4] Fair [6] Vulnerable [3] Satisfactory	[4] Significant [5] Aggressive [3] Intermediate	N/A bbb-		Adequate	Yes (-1 notch)	CCC- BB+
OIL & GAS INTEGRATED, EXPLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopériol S.A.  Frontera Energy Corp.  GeoPark Ltd.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk (4) Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak	[4] Significant [5] Aggressive [3] Intermediate [4] Significant	N/A bbb- bb-		Adequate Adequate	Yes (-1 notch)	CCC- BB+ B+
CIL & GAS INTEGRATED, EXPLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  GeoPark Ltd.  Gran Tierra Energy Inc.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk (4) Moderately high risk (4) Moderately high risk	(4) Fair (6) Vulnerable (3) Satisfactory (5) Weak (6) Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant	N/A bbb- bb- b+	Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate	Yes (-1 notch)  Yes (+4 notches)	CCC- BB+ B+ B+
OL & GAS INTEGRAZED, ESPLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Frontera Energy Corp.  GeoPark Ltd.  Gran Tierra Energy Inc.  Heritage Petroleum Company	(4) Moderately high risk (6) Very high risk (4) Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable	(4) Fair (6) Vulnerable (3) Satisfactory (5) Weak (6) Vulnerable (6) Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive	N/A bbb- bb- b+	Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate	Yes (-1 notch)  Yes (+4 notches)	CCC- BB+ B+ B+ B
CIL & GAS INTEGRATED, EXPLORATION & PRODUCTION  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  GeoPark Ltd.  Gran Tierra Energy Inc.  Heritaga Pétroleum Company  Petro Rio S.A.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk (4) Moderately high risk (4) Moderately high risk (4) Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable	(4) Significant  [5] Aggressive  [3] Intermediate  [4) Significant  [4) Significant	N/A bbb- bb- b+ b+	Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate	Yes (-1 notch)  Yes (+4 notches)  Yes (-2 notches)	BB+ B+ B+ B+ B
Conscol Energy Ltd. Compania General de Combustibles S.A. Ecopterol S.A. Frontera Energy Corp.  GenPark Ltd. Gran Tierra Energy Inc. Heritage Petroleum Company Petro Rio S.A Petrobras	(4) Moderately high risk (5) Very high risk (4) Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak	(4) Significant (5) Aggressive (3) Intermediate (4) Significant (4) Significant (4) Significant (5) Aggressive (4) Significant	N/A bbb- bb- b+ b- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Adequate	Yes (+4 notches)	BB+ B+ B+ B+ BB
Consci Energy Ltd.  Companis General do Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  Grea Tierrs Energy Inc.  Heritage Pétroleum Company  Petro Rio S.A.  Petroleo Brasileiro S.A Pétrobras  Petroleo Brasileiro S.A Pétrobras	[4] Moderately high risk [6] Very high risk [4] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Weak [9] Vulnerable [9] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly Leveraged	N/A bbb- bb- b+ b bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)	BB+ BB- BB-
COL & GAS INTEGRAZED, ESPLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  GeoPark Ltd.  Gran Tierra Energy Inc.  Heritage Petroleum Company  Petro Ro S.A.  Petroleos Brasileiro S.A Petrobras  Petroleos Masicanos  Trinidad Petroleum Holdings Ltd.	[4] Moderately high risk [6] Very high risk [4] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [4] Significant [6] Highly leveraged [6] Highly leveraged	N/A bbb- b+ b+ b bb- bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Adequate Strong	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)	BB+ BB- BBB BB
OL & GAS INTEGRATED, ESCLORATION & PRODUCTION  Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Frontera Energy Corp.  GeoPark Ltd.  Gran Tierra Energy Inc.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly Leveraged	N/A bbb- bb- b bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)	BB+ BB- BBB
Cutacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Cop.  GeoPark Ltd.  Gran Tierra Energy Inc.  Heritage Pétroleum Company  Petro Rio S.A.  Pétroleo Brasileo S.A Pétrobras  Petroleos Brasileo S.A Pétrobras  Pétroleos Masicanos  Trinidad Pétroleum Holdings Ltd.	[6] Word high risk [6] Very high risk [4] Moderately high risk [6] Woderately high risk [6] Woderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable [6] Vulnerable	(4) Significant (5) Aggressive (3) Intermediate (4) Significant (4) Significant (4) Significant (5) Aggressive (4) Significant (6) Highly leveraged (6) Highly leveraged (6) Highly leveraged (4) Significant	N/A bbb- b+ b+ b bb- bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)	BB+ BB- BBB BB
Cutacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Cop.  GeoPark Ltd.  Gran Tierra Energy Inc.  Heritage Pétroleum Company  Petro Rio S.A.  Pétroleo Brasileo S.A Pétrobras  Petroleos Brasileo S.A Pétrobras  Pétroleos Masicanos  Trinidad Pétroleum Holdings Ltd.	[6] Word high risk [6] Very high risk [4] Moderately high risk [6] Woderately high risk [6] Woderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable [6] Vulnerable	(4) Significant (5) Aggressive (3) Intermediate (4) Significant (4) Significant (4) Significant (5) Aggressive (4) Significant (6) Highly leveraged (6) Highly leveraged (6) Highly leveraged (4) Significant	N/A bbb- b+ b+ b bb- bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)	BB+ BB- BBB BB
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  Geo-Park Ltd.  Gran Tierra Energy Inc.  Heritage Petroleum Company  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Triodad Petroleum Holdings Ltd.  YPF S.A.  Average scores for Oil & Clas Integrated, Exploration & Production  Oil & GAS RESINNO & MARKETINO	[6] Word high risk [6] Very high risk [4] Moderately high risk [6] Woderately high risk [6] Woderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable [6] Vulnerable	(4) Significant (5) Aggressive (3) Intermediate (4) Significant (4) Significant (4) Significant (5) Aggressive (4) Significant (6) Highly leveraged (6) Highly leveraged (6) Highly leveraged (4) Significant	N/A bbb- b+ b+ b bb- bb- bb- bb-	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)	BB+ B+ B+ BB BB- BB- BBB- BB-
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  Geo-Park Ltd.  Gran Tierra Energy Inc.  Heritage Petroleum Company  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Trindad Petroleum Holdings Ltd.  YPF S.A.  Average scores for Oli & Gas Integrated, Exploration & Production  Oli & GAS REFINIO & MADKETINO  Administracion Nacional de Combustibles Alcohol y Portland	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [4] Woderately high risk [4] Woderately high risk [4] Woderately high risk [4] Woderately high risk [5] Very high risk [6] Very high ris	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Weak [2] Strong [4] Fair [8] Vulnerable [4] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Highly leveraged [6] Significant	N/A bbb- b+ b bb- bb- bb- b b- N/A	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)	BB+ BB- BBB BB- BBB- BBB- BB- BB- BB- BB
Congania General de Combustibles S.A.  Compania General de Combustibles S.A.  Ecopérol S.A.  Frontera Energy Corp.  Genêral Ltd.  Gran Tierra Energy Doc.  Heritage Pétroleum Company  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Trinidad Petroleum Holdings Ltd.  179F S.A.  Average scores for Oil 8 Gas Integrated, Exploration 8 Production  Oil 8 GAS RESPINIO 8 MARIXETING  Administracion Nacional de Combustibles Alcohol y Pertand  Doce Park Refining L.P.	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [4] Woderately high risk [5] Very high risk 4.3	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable [4] Fair 4.8	[4] Fair  (6) Vulnerable  (3) Satisfactory  (5) Weak  (6) Vulnerable  (6) Vulnerable  (6) Vulnerable  (5) Weak  (3) Satisfactory  (4) Fair  (6) Vulnerable  (6) Vulnerable  (6) Vulnerable  (6) Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Highly leveraged [4] Significant 4.4	N/A bbb- b+ b bb- bb- bb- N/A	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate  Weak Less than adequate  Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ BB- BBB- (was l
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopérol S.A.  Frontera Energy Corp.  Gerêar's Ltd.  Gran Tierra Energy No.  Heritage Petroleum Company  Petro Rio S.A.  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  One S.A.  Neverage scores for Oil & Gas Integrated, Exploration & Production  Oil & GAS REFENING & MARKETINO  Administracion Nacional de Combustibles Alcohol y Portland  Deer Park Refining L.P.  Empresa Nacional del Petroleo	[4] Moderately high risk [5] Very high risk [4] Moderately high risk [6] Very high risk 4.3  [6] Moderately high risk 4.3  [6] Moderately high risk [7] Moderately high risk [8] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable [4] Fair [6] Vulnerable [4] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Highly leveraged [4] Significant 4.4 [5] Aggressive [4] Significant	N/A bbb- b+ b bb- bb- bb- bb- bb- bb- bb- b	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ BB- BB- CCC-
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Ecopetrol S.A.  Ecopetrol S.A.  Gran Tierra Energy Corp.  Gerbark Ltd.  Heritage Petroleum Company  Petro Rio S.A.  Petroleo Brasilero S.A Petrobras  Petroleo Brasilero S.A Petrobras  Petroleo Brasilero S.A Petrobras  Trinidad Petroleum Hoddings Ltd.  YPF S.A.  Average scores for Oli & Gas Integrated, Exploration & Production	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [5] Very high risk [6] Woderately high risk [6] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable [4] Fair [6] Vulnerable [4] Fair [6] Vulnerable [4] Fair [6] Vulnerable [4] Fair	[4] Fair  (6) Vulnerable  (3) Satisfactory  (5) Weak  (6) Vulnerable  (6) Vulnerable  (6) Vulnerable  (5) Weak  (3) Satisfactory  (4) Fair  (6) Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Significant 4.4 [5] Aggressive [6] Significant	N/A bbb- b+ b bb- bb- bb- b- N/A	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ BB- BBB- BBB- BBB- BBB- BBB- BBB- B
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  Geo-Park Ltd.  Gran Tierrs Energy Inc.  Heritage Petroleum Company  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Petroleo Brasileiro S.A Petrobras  Trindida Petroleum Hoddings Ltd.  YPF S.A.  Average scores for OII & Gas Integrated, Exploration & Production  OIL & GAS RESINNO & MARKETINO  Administracion Nacional de Combustibles Alcohol y Portland  Deer Park Refining L.P.  Empresa Nacional del Petroleo  Petroleos del Peru Petroperu S.A.  Average scores for OII & Gas Refining & Marketing	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [5] Very high risk [6] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Strong [8] Vulnerable [9] Fair [9] Vulnerable [4] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [3] Satisfactory [4] Fair [6] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [4] Significant 4.4 [5] Aggressive [4] Significant	N/A bbb- b+ b bb- bb- bb- b- N/A	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ BB- BBB- BBB- BBB- BBB- BBB- BBB- B
Cut & GAS INTEGRATED EXPLORATION & PRODUCTION  Canada Energy Ltd.  Compania General de Combustibles S.A.  Ecopériol S.A.  Frontera Energy Corp.  GeoPark Ltd.  Ciran Tierra Energy Inc.  Ciran Tierra Energy Inc.  Petroleo Brasilero S.A Petrobras  Petroleo Brasilero S.A Petrobras  Petroleo Brasilero S.A Petrobras  Trinidad Petroleoum Hoddings Ltd.  YPF S.A.  Average scores for Oil & Gas Integrated, Exploration & Production  Oil. & GAS REFINING & MARKETINO  Administracion Nacional de Combustibles Alcohol y Portland  Deer Park Refining L.P.  Empress Nacional del Petroleo  Petroleos del Peru Petroperu S.A.  Average scores for Oil & Gas Refining & Marketing  OPERATING LEASING	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [6] Very high risk [6] Very high risk [6] Woderately high risk [6] Moderately high risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [5] Weak [2] Strong [4] Fair [6] Vulnerable [4] Fair [6] Fair (was [5]) [6] Fair (was [5]) [7] Fair (was [5]) [8] Fair	[4] Fair  (6) Vulnerable  (3) Satisfactory (5) Weak  (6) Vulnerable (6) Vulnerable (6) Vulnerable (7) Weak  (3) Satisfactory (4) Fair (6) Vulnerable (5) Vulnerable (6) Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [4] Significant 4.4 [5] Aggressive [4] Significant [6] Highly leveraged [6] Significant [6] Highly leveraged [6] Highly leveraged [6] Highly leveraged [6] Highly leveraged	N/A bbb- b+ b bb- bb- bb- bb- b- bb- bb- bb	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Less than adequate Weak	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+3 notches)  Yes (+3 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ BB- BB- CCC- BBB- Was BBB- BBB- BBB- BBB- BBB- BBB- BBB- BB
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopériol S.A.  Frontera Energy Corp.  GerPurk Ltd.  Gran Tierra Energy No.  Heritage Petroleum Company  Petro Rio S.A.  Petroleo Brasileiro S.A Petrobras  Onl. & GAS RESINNO & Marketing  Monterage scores for Oil & Gas Integrated, Exploration & Production  Oil. & GAS RESINNO & MARKETINO  Administracion Nacional de Combustibles Alcohol y Portland  Deer Park Refining L.P.  Empress Nacional del Petroleo  Petroleos del Peru Petroperu S.A.  Noverage scores for Oil & Gas Refining & Marketing  OPERATINO LEASING  Localiza Rest & Cur S.A.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk (5) Intermediate risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Strong [8] Vulnerable [9] Vulnerable [10] Fair [10] Vulnerable [11] Fair [12] Strong [14] Fair [15] Vulnerable [16] Fair [17] Vulnerable [18] Fair [19] Vulnerable [19] Fair [19] Vulnerable [10] Fair [10] Fair [11] Fair [12] Fair [13] Fair [14] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Weak [8] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [10] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Significant [6] Highly leveraged	N/A bbb- b+ b bb- bb- bb- bb- bb- bb- bb- b	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Adequate  Less than adequate  Strong Weak Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+4 notches)	BB+ (was BB+ BB+ BB+ BB+ BB+ BB+ BB+ BB+ BB+ BB
Canacol Energy Ltd.  Compania General de Combustibles S.A.  Ecopetrol S.A.  Fronters Energy Corp.  Geo-Park Ltd.  Grean Tiers Energy Inc.  Heritage Petroleum Company  Petro Rio S.A.  Petroleum Brasileiro S.A Petrobras  Petroleum Modings Ltd.  YPF S.A.  Average scores for Oil & Gas Integrated, Exploration & Productions  Oil & GAS REFINING & MARKETING  Administracion Nacional de Combustibles Alcohol y Pertland  Deer Park Refining L.P.  Empresa Nacional del Petroleu  OPERATING LEASING  OPERATING LEASING  OPERATING LEASING  OPERATING LEASING  Localiza Rent a Car S.A.  Movida Petroleuces S.A.	[4] Moderately high risk [6] Very high risk [4] Moderately high risk [5] Very high risk [6] Moderately high risk [8] Intermediate risk [8] Intermediate risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Strong [8] Vulnerable [9] Fair [9] Vulnerable [4] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Weak [8] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [14] Fair [14] Fair [14] Fair [15] Fair [16] Fair [16] Fair	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged	N/A bbb- bb- bb- bb- bb- bb- bb- bb- bb- b	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+3 notches)  Yes (+3 notches)  Yes (+4 notches)  Yes (+4 notches)	BBB- (was BBB- BBB- BBB- BBB- BBB- BBB- BBB- BB
Canacol Energy Ltd.  Comparis General de Combustibles S.A.  Cooperol S.A.  Frontera Energy Corp.  SeePark Ltd.  Class Tierar Energy No.  Heritage Petroloum Company  Petro Rio S.A.  Petrolou Brasileiro S.A Petrobras  Petrolou Brasileiro S.A Petrobras  Petrolous Maxicanos  Frindad Petroleum Hoddings Ltd.  FFF S.A.  Neverage scores for Oil & Gas Integrated, Exploration & Production  Dil. & GAS RESINING & MAXVETING  Administracion Nacional de Combustibles Alcohol y Portland  Deer Park Refining L.P.  Empress Nacional del Petrolou  Petrolous del Petro Petroporu S.A.  Neverage scores for Oil & Gas Refining & Marketing  DEERATINO LEASING  Cocalias Rest a Car S.A.	(4) Moderately high risk (6) Very high risk (4) Moderately high risk (5) Intermediate risk	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Strong [8] Vulnerable [9] Vulnerable [10] Fair [10] Vulnerable [11] Fair [12] Strong [14] Fair [15] Vulnerable [16] Fair [17] Vulnerable [18] Fair [19] Vulnerable [19] Fair [19] Vulnerable [10] Fair [10] Fair [11] Fair [12] Fair [13] Fair [14] Fair	[4] Fair [6] Vulnerable [3] Satisfactory [5] Weak [6] Vulnerable [6] Vulnerable [6] Vulnerable [6] Vulnerable [7] Weak [8] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [9] Vulnerable [10] Vulnerable	[4] Significant [5] Aggressive [3] Intermediate [4] Significant [4] Significant [4] Significant [5] Aggressive [4] Significant [6] Highly leveraged [6] Highly leveraged [6] Significant [6] Highly leveraged	N/A bbb- b+ b bb- bb- bb- bb- bb- bb- bb- b	Comparable ratings analysis: Negative (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Less than adequate (-1 notch)  Comparable ratings analysis: Negative (-1 notch)  Liquidity: Weak (-1 notch)  Management & governance: Weak (-1 notch)	Adequate Adequate Adequate Adequate Adequate Adequate Strong Weak Less than adequate Adequate Adequate  Less than adequate  Strong Weak Less than adequate	Yes (+4 notches)  Yes (-2 notches)  Yes (+8 notches)  Yes (+4 notches)  Yes (+4 notches)  Yes (+3 notches)  Yes (+3 notches)  Yes (+4 notches)  Yes (+4 notches)	BBB- (was I BBB- BBB- BBB- BBB- BBB- BBB- BBB- B

Company	CICRA¹	Competitive position	Business risk	Cash flow/leverage	Anchor	Modifiers (active)	Liquidity	Gov&Group Impact2	FC LT <sup>3</sup> Rating
everage scores for Operating Leasing	3.0	3.8	3.8	4.0					
PHARMACEUTICALS									
Ache Laboratorios Farmaceuticos S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[1] Minimal	bbb-		Adequate	Yes (-1 notch)	BB+
typera S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[3] Intermediate (was [2])	bb+ (was bbb-)		Adequate		BB+
Average scores for Pharmaceuticals	3.0	4.0	4.0	2.0					
ALLROADS & PACKAGE EXPRESS									
Cosan S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb		Adequate	Yes (-1 notch)	BB-
ISL S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Adequate		BB-
ARS Logistica S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bb+		Adequate	Yes (-2 notches)	BB-
Navios South American Logistics Inc.	[3] Intermediate risk (was [4]	) [5] Weak	[5] Weak	[6] Highly leveraged	b		Adequate		В
Panama Canal Railway Co.	[3] Intermediate risk	[5] Weak	[5] Weak	[4] Significant	bb-		Adequate		BB-
	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate	Yes (-1 notch)	BB-
Rumo S.A.					00		Adequate	res (- i notch)	DD-
Average scores for Railroads & Package Express	3.0	4.0	4.0	4.7					
EAL ESTATE INVESTMENT COMPANIES									
Corporacion Inmobiliaria Vesta S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
IBRA Prologis	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Adequate		BBB+
IBRA Terrafina	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-	Comparable ratings analysis: Positive (+1 notch)	Strong		BBB
Grupo Gicsa S.A.B. de C.V.	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged	N/A				CCC+
nRetail Shopping Malls	[3] Intermediate risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Adequate		BB+
Average scores for Real Estate Investment Companies	3.0	3.6	3.6	3.6					
REGULATED UTILITIES									
NES Argentina Generación S.A.	[5] High risk	[6] Vulnerable	[6] Vulnerable	[6] Highly leveraged	N/A				CCC-
guas Andinas S.A.	[1] Very low risk	[3] Satisfactory	[2] Strong	[3] Intermediate	a-		Adequate		A-
APEX S.A.	[6] Very high risk	[6] Vulnerable	[6] Vulnerable	[5] Aggressive	N/A				CCC-
Comision Federal de Electricidad	[2] Low risk	[3] Satisfactory	[3] Satisfactory	[6] Highly leveraged	b+	Conital structure Named of Ametab	Adequate	Yes (+6 notches)	BBB
						Capital structure: Negative (-1 notch)			
Companhia de Saneamento Basico do Estado de Sao Paulo	[2] Low risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bb+		Adequate	Yes (-2 notches)	BB-
Companhia Energetica de Minas Gerais - CEMIG	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb	Comparable ratings analysis: Negative (-1 notch)	Adequate		BB-
Empresa Distribuidora Y Comercializadora Norte S.A.	[5] High risk	[6] Vulnerable	[6] Vulnerable	[6] Highly leveraged	N/A				CCC-
Enel Americas S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+	Comparable ratings analysis: Negative (-1 notch)	Adequate	Yes (-1 notch)	BBB-
Energisa S.A.	[2] Low risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bb+		Adequate	Yes (-2 notches)	BB-
Integrated Utility Holding N.V. (Aqualectra)	[2] Low risk	[5] Weak	[5] Weak	[5] Aggressive	b+		Adequate	Yes (+4 notches)	BBB-
decenergia S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb		Adequate	Yes (-1 notch)	BB-
Pampa Energia S.A.	[5] High risk	[6] Vulnerable	[6] Vulnerable	[5] Aggressive	N/A				CCC-
Franselec S.A.	[1] Very low risk	[2] Strong	[1] Excellent	[5] Aggressive	bbb		Adequate		BBB
PF Energia Electrica S.A.	[5] High risk	[6] Vulnerable	[6] Vulnerable	[5] Aggressive	N/A				CCC-
Average scores for Regulated Utilities	3.2	4.1	4.0	4.7					
RETAIL & RESTAURANTS									
OPEC S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
	[3] Intermediate risk							Yes (-1 notch)	BBB
Puerto de Liverpool S.A.B. de C.V.		[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Strong	res (- i noton)	
alabella S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Adequate		BBB-
omento Economico Mexicano S.A.B. de C.V.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Strong		BBB+
irupo Unicomer Corp.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb	Liquidity: Less than adequate (-1 notch, was Adequate)	Less than adequate		B+ (was BB
nRetail Consumer	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate	Yes (-1 notch)	BB+
nRetail Pharma S.A.	[3] Intermediate risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Adequate		BB+
Jitrapar Participacoes S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Adequate	Yes (-1 notch)	BB+
Average scores for Retail & Restaurants	3.1	3.3	3.3	3.1					
PECIALTY CHEMICALS									
	[2] Low risk	[3] Satisfactory	[3] Satisfactory	[2] Modest	bbb+		Strong		BBB+
ociedad Quimica y Minera de Chile S.A.	(E) CON HON	(a) outstactory	,o, outline and y	LI MOGUEL	0007		occong		DUDT

Company	CICRA¹	Competitive position		Cash flow/leverage	Anchor	Modifiers (active)	Liquidity	Gov&Group Impact2	FC LT <sup>3</sup> Rating
Average scores for Specialty Chemicals	2.0	3.0	3.0	2.0					
TECHNOLOGY - SOFTWARE & SERVICES									
MercadoLibre Inc.	[4] Moderately high risk	[4] Fair	[4] Fair	[3] Intermediate	bb+		Adequate		BB+
Sixsigma Networks Mexico S.A. de C.V. (KIO Networks)	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-	Comparable ratings analysis: Negative (-1 notch)	Adequate		B+
Average scores for Technology - Software & Services	3.5	4.0	4.0	4.0					
TELECOM & CABLE		(1)	(1)				_		
America Movil S.A.B. de C.V.	[3] Intermediate risk	[2] Strong	[2] Strong	[3] Intermediate	a-		Strong		A-
Andean Tower Partners	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[6] Highly leveraged	b+	Comparable ratings analysis: Positive (+1 notch)	Adequate		BB-
Axtel S.A.B. de C.V.	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Adequate		BB-
Cable & Wireless Communications Ltd.	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Strong		BB-
Colombia Telecomunicaciones S.A. E.S.P.	[3] Intermediate risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate		BB
Empresa Nacional de Telecomunicaciones S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Adequate		BBB-
Grupo Televisa S.A.B.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb	Capital structure: Positive (+1 notch)	Exceptional		BBB+
Liberty Costa Rica	[3] Intermediate risk	[5] Weak	[5] Weak	[5] Aggressive	b+		Adequate		B+
Operadora de Sites Mexicanos S.A.B. de C.V.	[3] Intermediate risk	[2] Strong	[2] Strong	[5] Aggressive	bb+		Adequate		BB+
Patagonia Holdco LLC	[3] Intermediate risk	[4] Fair	[4] Fair	[5] Aggressive	bb-	Comparable ratings analysis: Negative (-1 notch)	Adequate		B+
Sitios Latinoamerica, S.A.B. de C.V.	[3] Intermediate risk	[2] Strong	[2] Strong	[5] Aggressive	bb+		Adequate		BB+
Telecom Argentina S.A.	[6] Very high risk	[3] Satisfactory	[6] Vulnerable	[3] Intermediate	N/A				CCC-
Telecommunications Services of Trinidad and Tobago Ltd.	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged	b		Adequate	Yes (+1 notch)	B+
Telefonica Moviles Chile S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
VTR Finance NV	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged	N/A (was b-)				CCC (was B)
Wom S.A.	[3] Intermediate risk	[5] Weak	[5] Weak	[6] Highly leveraged (was [5])	b (was b+)		Adequate		B (was B+)
TRANSPORTATION CYCLICAL									
Avianca Group International	(5) High risk	[5] Weak	[5] Weak	[6] Highly leveraged	b-		Less than adequate		B-
Azul S.A.	(5) High risk	[4] Fair	[5] Weak	[6] Highly leveraged	N/A			Yes (-1 notch)	CC (was CC)
Gol Linhas Aereas Inteligentes S.A.	(5) High risk	[5] Weak	[5] Weak	[6] Highly leveraged	N/A				CCC+
Grupo Aeromexico S.A.B. de C.V.	(5) High risk	[4] Fair	[5] Weak	[6] Highly leveraged	b-		Adequate		B-
Latam Airlines Group S.A.	(5) High risk	[4] Fair	[5] Weak	[6] Highly leveraged	b-		Less than adequate		B-
Average scores for Transportation Cyclical	5.0	4.4	5.0	6.0					
TRANSPORTATION INFRASTRUCTURE									
Aeropuertos Argentina 2000 S.A.	[5] High risk	[4] Fair	[5] Weak	[5] Aggressive	N/A				CCC-
Aeropuertos Dominicanos Siglo XXI S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb		Strong		BB
Autoridad del Canal de Panama	[3] Intermediate risk	[1] Excellent	[1] Excellent	[2] Modest	aa		Strong	Yes (-4 notches)	A-
Empresa de los Ferrocarriles del Estado	[2] Low risk	[4] Fair	[4] Fair	[6] Highly leveraged	b	Capital structure: Negative (-1 notch)	Less than adequate	Yes (+10 notches)	A
Investimentos e Participacoes em Infraestrutura S.A Invepar	[3] Intermediate risk	[4] Fair	[4] Fair	[6] Highly leveraged	N/A				CCC- (was C
Average scores for Transportation Infrastructure	3.4	3.4	3.6	4.6					
UNREGULATED POWER & GAS									
AES Andes S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
CESP-Companhia Energetica de Sao Paulo	[4] Moderately high risk	[4] Fair	[4] Fair	[4] Significant	bb		Adequate	Yes (-1 notch)	BB-
Colbun S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong		BBB
Eletrobras-Centrais Eletricas Brasileiras S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[6] Highly leveraged	b+	Comparable ratings analysis: Positive (+1 notch)	Adequate		BB-
Enel Chile S.A.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-	Comparable ratings analysis: Positive (+1 notch)	Adequate		BBB
Enel Colombia S.A E.S.P.	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Adequate	Yes (-1 notch)	BBB-
Engie Energia Chile S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb	Liquidity: Less than adequate (-1 notch) Comparable ratings analysis: Positive (+1 notch)	Less than adequate	Yes (+3 notches)	BBB
Fenix Power Peru S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[5] Aggressive (was [6])	bb- (was b)	Comparable ratings analysis: Negative (-1 notch, was Neutral)	Adequate	Yes (+4 notches)	BBB-
Guacolda Energia S.A.	[4] Moderately high risk	[5] Weak	[5] Weak	[6] Highly leveraged	N/A				CCC+ (was
Investment Energy Resources Ltd.	[5] High risk	[4] Fair	[5] Weak	[5] Aggressive	b+	Comparable ratings analysis: Positive (+1 notch)	Adequate		BB-
Isagen S.A. E.S.P.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[4] Significant	bbb-		Adequate	Yes (-1 notch)	BB+

Company	CICRA1	Competitive position	Business risk	Cash flow/leverage	Anchor	Modifiers (active)	Liquidity	Gov&Group Impact2	FC LT <sup>3</sup> Rating
Mercury Chile Holdco LLC	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb-		Adequate		BBB-
Minera Valparaiso S.A.	[4] Moderately high risk	[3] Satisfactory	[3] Satisfactory	[3] Intermediate	bbb		Strong		BBB
Nautilus Inkia Holdings SCS	[3] Intermediate risk	[3] Satisfactory	[3] Satisfactory	[5] Aggressive	bb		Adequate		ВВ
Orazul Energy Peru S.A.	[4] Moderately high risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Adequate		BB-
Termocandelaria Power S.A. and subsidiaries	[4] Moderately high risk	[4] Fair	[4] Fair	[5] Aggressive	bb-		Adequate		BB-
Trinidad Generation UnLtd.	[4] Moderately high risk	[2] Strong	[3] Satisfactory	[6] Highly leveraged	b+	Liquidity: Strong (+1 notch)	Strong	Yes (+2 notches)	BB+
Average scores for Unregulated Power & Gas	3.8	3.4	3.5	4.4					

# Related Criteria and Research

#### **Related Criteria:**

- Corporate Methodology, Nov. 19, 2013
- Methodology: Industry Risk, Nov. 19, 2013

#### Related Research:

- Corporate Rating Component Scores: Asia-Pacific Q2 2022
- Corporate Rating Component Scores: Europe, the Middle East, and Africa Q2 2022
- Corporate Rating Component Scores: Latin America Q2 2022
- Corporate Rating Component Scores: North America Q2 2022

This report does not constitute a rating action.

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