Sustainability Accounting Standards Board

Industry-Based Standards to Guide Disclosure and Action on Material Sustainability Issues

Harvard Club of San Francisco

April 30, 2013

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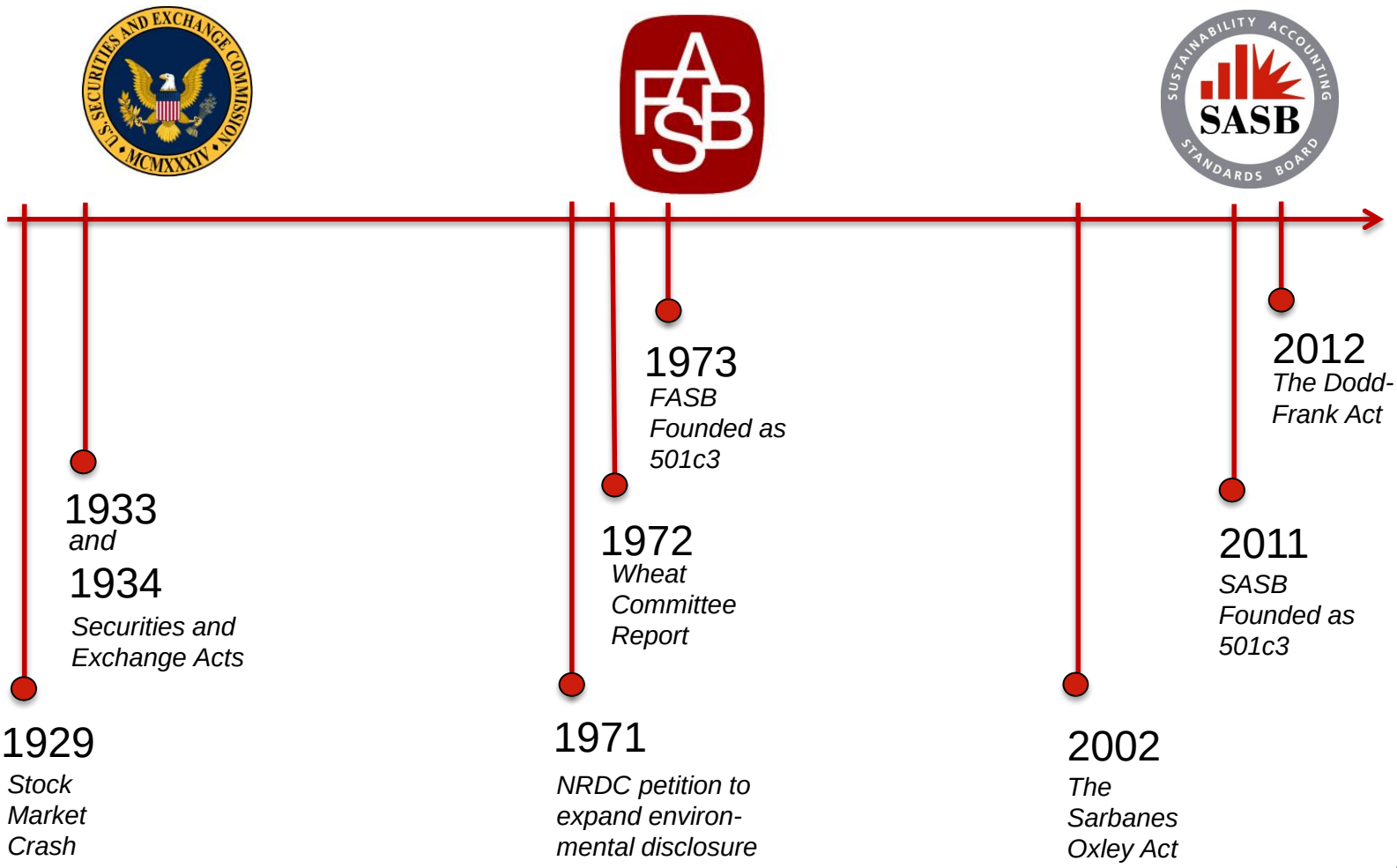
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US GAAP

> “If one were writing a history of the American capital market, it is a fair bet that the single most important innovation shaping that market was the idea of generally accepted accounting principles.”

- *Deputy Secretary of the Treasury, Lawrence Summers*

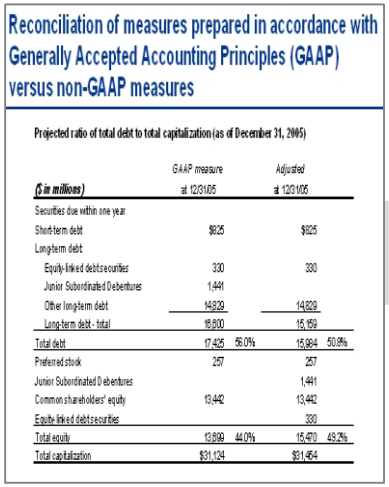
40 years since FASB



The Sustainability Accounting Standards Board



SEC, FASB and SASB

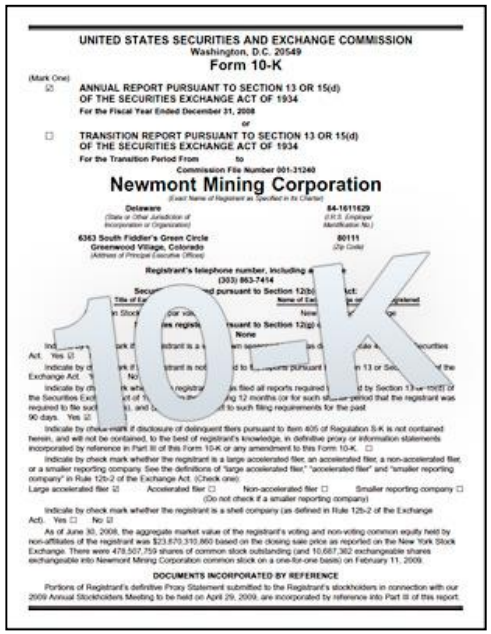


Reconciliation of measures prepared in accordance with Generally Accepted Accounting Principles (GAAP) versus non-GAAP measures

Projected ratio of total debt to total capitalization (as of December 31, 2005)

($ in millions)	GAAP measure at 12/31/05		Adjusted at 12/31/05	
Securities due within one year				
Short-term debt	$825		$825	
Long-term debt				
Equity-linked debt securities	330		330	
Junior Subordinated Debentures	1,441			
Other long-term debt	14,829		14,829	
Long-term debt - total	16,600		15,159	
Total debt	17,425	56.0%	15,984	50.8%
Preferred stock	257		257	
Junior Subordinated Debentures			1,441	
Common shareholders' equity	13,442		13,442	
Equity-linked debt securities			330	
Total equity	13,699	44.0%	15,470	49.2%
Total capitalization	$31,124		$31,454	

US GAAP



UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form 10-K

(Mark One)
☑ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934
For the Fiscal Year Ended December 31, 2008

or

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934
For the Transition Period From to
Commission File Number 001-31240

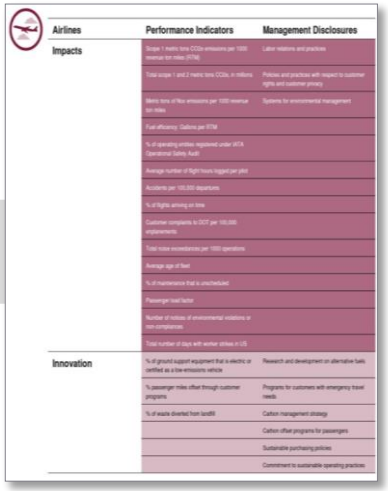
Newmont Mining Corporation

Delaware — 84-1611629
6363 South Fiddler's Green Circle, Greenwood Village, Colorado — 80111
Registrant's telephone number, including a
(303) 863-7414

None

10-K

Integrated Filing



Airlines	Performance Indicators	Management Disclosures
Impacts		
Innovation		

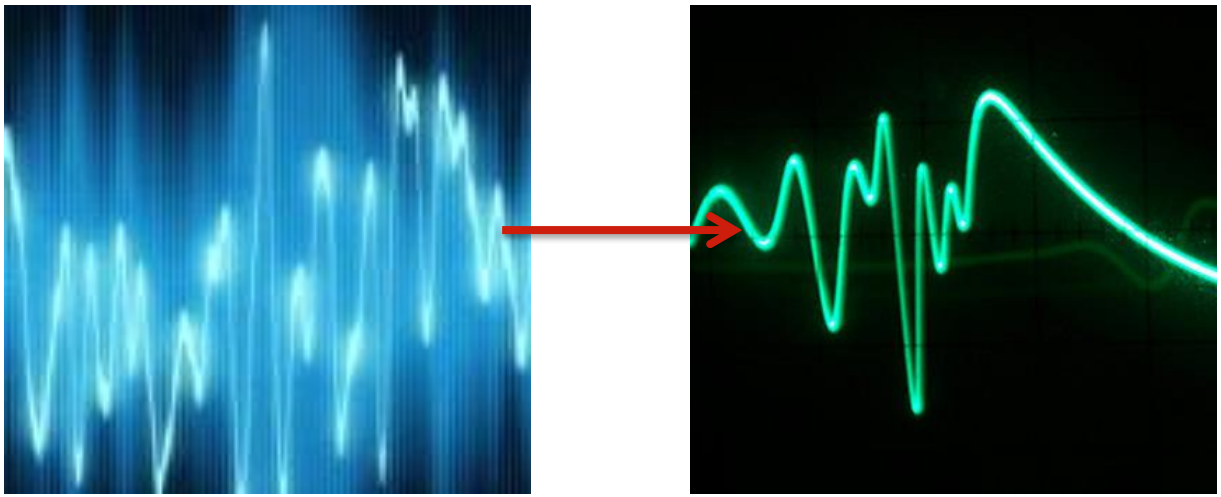
SASB KPIs

Accounting for Sustainability

Environmental, social, and governance factors

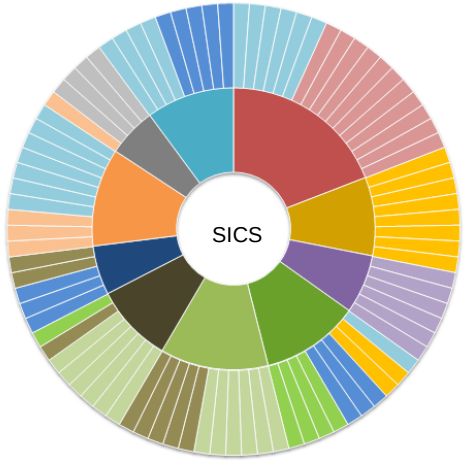
% Commercial properties with access to daycare •% Energy supplied from renewable sources •% of Ground support equipment that is electric or certified as a low-emissions vehicle •% of Manufacturer's Suggested Retail Price maintained after two years of ownership, for best selling model •% of Pulp processes that use elemental chlorine-free bleach systems •% Passenger miles offset through customer programs•% recycled water use, on average, in buildings in portfolio •% Water from non-potable (recycled) sources •Accidents per 100,000 departures •Annual reduction achieved in thousands of KWh due to energy efficiency and demand reduction programs •Average energy use of buildings in portfolio (kW-h /sq ft) •Community Reinvestment Act (CRA) Rating •Dollar value of R&D spending on carbon sequestration, renewable energy and energy efficiency •Fatalities: Number of fatal occupational injuries •Liters of water used for processing, cooling and consumption per MWh •Metric tons of NOx emissions per 1000 revenue ton miles •Metric tons of SO2 per KWh •Number of notices of environmental violations or non-compliances •Overall custmer satisfaction rating according to J.D. Power and Associates •Policies and processes to manage climate change risk •Scope 1 metric tons CO2e emissions per 1000 revenue ton miles (RTM) •Total number of days with worker strikes in US •Value of lending for projects and businesses associated with environmentally or socially beneficial focus ($billion) •Water demand in cubic meters per metric tonne of paper production •% customers participating in green power market •% investments evaluated for climate change risk •% of industrial facilities certified under ISO 14001 •% of operating revenue from fees •% of waste diverted from landfill Carbon management strategy •% properties located in areas with good transit accessibility •% renewable energy, as % of total energy consumption •% water from non-potable (recycled) sources•Amount of recyclable materials in fleet (as % of vehicle weight) •Average age of fleet •Average number of flight hours logged per pilot •Corporate Average Fuel Economy (CAFE) miles per gallon •Energy consumed per unit produced, in wh unit •Fuel efficiency: Gallons per RTM •Loans as a % of deposits within low/moderate income communities •Metric tons of mercury emissions per million GWh •Number of complaints about unfair fees and practices per 1000 customer accounts •Number of outages per million MWh supplied •Percentage of fleet that scores 80% or more on the Consumer Reports reliability ratings •R&D spending •Sq. ft. of properties with LEED or other third party certification •Total waste per unit produced (Kg/unit) •Volatile organic compounds (VOC) per unit produced, kg/unit •Water used per unit produced, in gallons/unit •% board members that are women or minorities •% energy supplied from renewable sources •% of flights arriving on time •% of maintenance that is unscheduled •% of paper products that has chain of custody certification, by weight •% of wood that is sourced from third-party certified forests, by weight •% properties located on infill or brownfield site •% top executives and property managers that are women/minorities •% water from non-potable (recycled) sources •Annual infrastructure renewal and replacement rate (as % of base assets) •Average Energy Star rating of portfolio •Average water use (gallons/day/occupant) •Distributed generation capacity within customer base (MW) •Energy consumption, BTUs per metric tonne of paper production •Industrial Emissions of CO2e in tonnes per unit produced (t/unit) •Metric tons of CO2e per KWh for scope 1 •Metric tons of NOx per KWh •Number of customer privacy and security complaints per 1000 customer accounts •Number of U.S. units recalled in millions of units •Percentage of latest model year fleet that achieves a score of 7 or more on the EPA Air standards for pollution score, weighted by sales •Residential average electricity rate $/KWh •Total CO2e emissions (scope 1 and 2) kg per metric tonne of production •Transmission and distribution losses % •Waste generated from buildings in portfolio, lb/yr/ occupant

Noise to Signal Ratio



Supporting Investors

Sustainable Industry Classification System



Asset Allocation

Materiality Map

EXAMPLE MATERIALITY MAP

MATERIAL SUSTAINABILITY ISSUES	AUTOMOBILES	AIRLINES	PAPER	ELECTRICITY REIT'S	DIVERSIFIED	BANKING
Biodiversity	0	0	5	4	4	0
Business Model	0	0	2	6	5	10
Child and Forced Labor	0	0	2	0	0	0
Climate Change Management	12	13	10	15	14	15
Competitive And Ethical Behavior	6	7	2	5	0	7
Corporate Citizenship/ Philanthropy	0	4	3	0	5	6
Customer Privacy	0	6	0	0	0	10
Customer Satisfaction	13	12	3	12	10	7
Diversity And Equal Opportunity	0	3	0	1	6	7
Energy	9	14	10	13	12	6
Environmental Management	9	9	12	9	8	3
Executive Compensation Policies	5	0	0	0	0	5
External Communication / Stakeholder Engagement	1	4	7	5	5	8
Impacts On Communities	8	12	9	10	9	15
Labor Rights And Compensation	8	7	5	0	0	1
Lobbying & Political Contributions	6	5	2	7	3	7
Marketing And Communications	0	2	4	10	5	12
Materials And Waste	9	6	14	6	12	6
Occupational Health & Safety	5	4	9	7	3	0
Political Risk and Conflict	0	0	2	0	0	7
Pollutants And Emissions	9	12	14	14	4	7
Product And Operational Efficiency	14	10	4	8	12	0
Product Environmental Impact	15	8	5	14	14	12
Product Impacts On Health	6	4	0	3	13	0
Product Quality And Innovation	13	0	12	12	10	9
Product Safety	15	13	0	6	7	0
Recruitment And Succession Planning	3	1	0	2	2	2
Research And Development	10	5	6	10	3	0
Sourcing Practices	8	7	14	4	5	5
Staff Engagement	5	4	3	4	1	3
Standards And Codes Of Conduct	6	6	0	3	10	0
Supply Chain Impacts	4	0	6	4	4	0
Training And Development	3	3	5	1	1	2
Transport	1	0	2	0	9	3
Water	9	5	14	11	8	3

13 - Top 10 Issues For Each Sector Are Shaded, Based On The Strength Of The Materiality Score, Indicated In The Center Of The Box.

Portfolio Risk

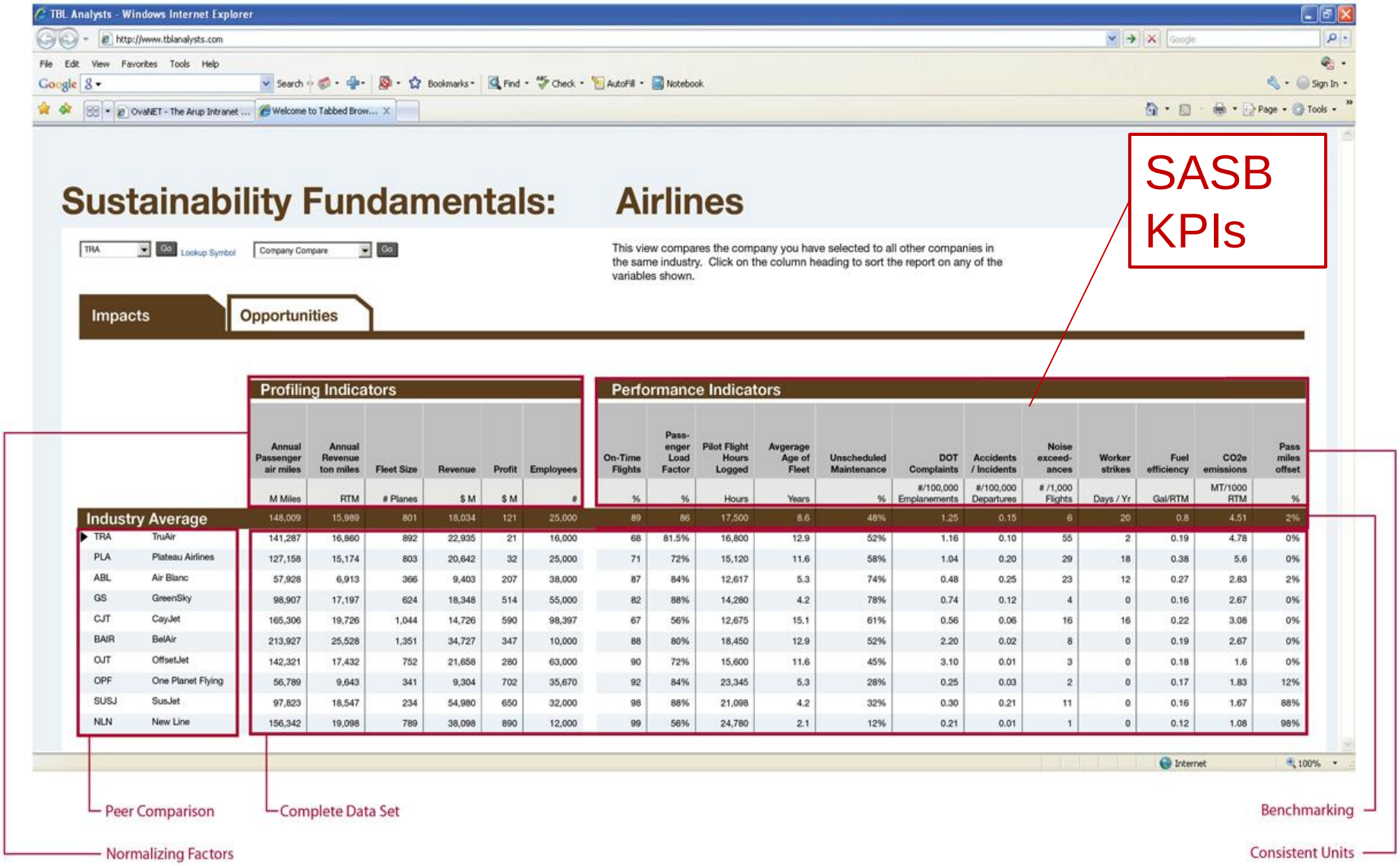
Key Performance Indicators

AIRLINES

	PERFORMANCE INDICATORS	MANAGEMENT DISCLOSURES
IMPACTS	Scope 1 metric tons CO2e emissions per 1000 revenue ton miles (RTM)	Labor relations and practices
	Total scope 1 and 2 metric tons CO2e, in millions	Policies and practices with respect to customer rights and customer privacy
	Metric tons of Nox emissions per 1000 revenue ton miles	Systems for environmental management
	Fuel efficiency: Gallons per RTM	
	% of operating entities registered under IATA Operational Safety Audit	
	Average number of flight hours logged per pilot	
	Accidents per 100,000 departures	
	% of flights arriving on time	
	Customer complaints to DOT per 100,000 enplanements	
	Total noise exceedances per 1000 operations	
	Average age of fleet	
	% of maintenance that is unscheduled	
	Passenger load factor	
	Number of notices of environmental violations or non-compliances	
	Total number of days with worker strikes in US	
INNOVATION	% of ground support equipment that is electric or certified as a low-emissions vehicle	Research and development on alternative fuels
	% passenger miles offset through customer programs	Programs for customers with emergency travel needs
	% of waste diverted from landfill	Carbon management strategy
		Carbon offset programs for passengers
		Sustainable purchasing policies
		Commitment to sustainable operating practices

Benchmarking Performance

Comparing Fundamentals



10 sectors in 10 quarters

Time Frame	Sector	# of Industries
Q4, 2012	Health Care Services	6
Q1, 2013	Financials	7
Q2, 2013	Technology & Communication	5
Q3, 2013	Non-Renewable Resources	11
Q4, 2013	Transportation	9
Q1, 2014	Services	10
Q2, 2014	Resource Transformation	5
Q3, 2014	Consumption	17
Q4, 2014	Renewable Resources & Alt. Energy	8
Q1, 2015	Infrastructure	10

Changing the rules of the game

> “Accountants will save the world….If we are to bring business solutions to the scale that the world needs, we must get all business involved or said differently we must change the (accounting) rules of the game”

—Peter Bakker, WBCSD


SUSTAINABILITY ACCOUNTING
SASB
STANDARDS BOARD