

SDG8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SUMMARY

Original search string: 128,820 document results

TITLE-ABS-KEY(((economic growth} OR {economic policy} OR {economic policies} OR {inclusive growth} OR {industrial development} OR {economic development} OR {economic geography} OR {economic productivity} OR {low carbon economy} OR {low-carbon economy} OR {inclusive growth} OR {informal sector} OR {informal sectors} OR microfinanc* OR micro-financ* OR micro-credit* OR microcredit* OR {income group} OR {income groups} OR {decent job} OR {decent jobs} OR {decent work} OR {quality job} OR {quality jobs} OR {job creation} OR {full employment} OR {employment protection} OR {productive employment} OR {informal employment} OR {precarious employment} OR {unemployment} OR {precarious job} OR {precarious jobs} OR microenterprise* OR micro-enterprise* OR {small enterprise} OR {medium enterprise} OR {small enterprises} OR {medium enterprises} OR {small entrepreneur} OR {starting entrepreneur} OR {medium entrepreneur} OR {small entrepreneurs} OR {medium entrepreneurs} OR {starting entrepreneurs} OR {social entrepreneurship} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {working environment} OR {working environments} OR {labor market institution} OR {labor market institutions} OR {labour market institution} OR {labour market institutions} OR {forced labour} OR {forced labor} OR {child labour} OR {child labor} OR {labour right} OR {labor right} OR {labour rights} OR {labor rights} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {global jobs} OR taxes OR {living wage} OR {minimum wage} OR {circular economy} OR {inclusive economy} OR {unequal pay} OR {rural economy} OR {local investment} OR {local investments} OR {trade unions} OR {trade union} OR {working poor} OR NEET* OR prosperity OR {carbon offset} OR {carbon offsetting} OR {carbon offsets} OR {offset project} OR {offset projects})) AND PUBYEAR BEF 2018 AND PUBYEAR AFT 2012

Graphical summary of co-occurrence of terms from 2000 randomly selected results:

PROCESS

The first stage of this review was to compare the original search string to the targets listed under the Sustainable Development Goal (SDG).

SDG targets listed here: <https://sustainabledevelopment.un.org/sdg8>

The purpose of this stage was to understand whether the Scopus results correctly reflected the theme of the SDG. The SDGs were unanimously agreed by member states of the United Nations, with very deliberate language and scope/ exclusions, so the results of this analysis should accurately reflect the specific SDG themes.

SDG 9 promotes global **economic growth**, with a special focus on developing countries, and a growth of **economic productivity**. Development-oriented policies are promoted to support **job creation, innovation and entrepreneurship** regarding micro-, small- and medium-sized enterprises. Sustainable consumption and production are promoted through **resource efficiency** and decoupling economic growth from environmental degradation. **Full and inclusive employment or education** is promoted. **Forced labour, among which child soldiers, and modern slavery should be eradicated**. **Labour rights** for all employees are promoted, as well as **sustainable tourism development and access to financial services**.

A Scopus search was conducted using the original search string. This returned 128,820 document results.

The top 20 cited articles were reviewed. 19 of the 20 articles do not closely reflect the theme of the SDG. Specifically, these related to healthcare, chemistry or chemical engineering, energy sciences, ecology, political studies and climate change studies. These articles were retrieved by hits on 'economic growth', 'industrial development', 'income group', 'economic development', 'working environment', 'unemployment'. The first four keywords primarily relate to medical studies when describing the sample population or trends that cause health issues.

Top 20 most cited articles listed in Scopus from the original search string:

*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
Global cancer statistics, 2012	2015	CA Cancer Journal for Clinicians	14794	2-s2.0-84924271853
The global distribution and burden of dengue	2013	Nature	3212	2-s2.0-84876804736
Global estimates of diabetes prevalence for 2013 and projections for 2035	2014	Diabetes Research and Clinical Practice	1894	2-s2.0-84895832615
The global prevalence of dementia: A systematic review and metaanalysis	2013	Alzheimer's and Dementia	1816	2-s2.0-84872109456
Rechargeable lithium-sulfur batteries	2014	Chemical Reviews	1618	2-s2.0-84912542845
Plastic waste inputs from land into the ocean	2015	Science	1259	2-s2.0-84923095173
Hydroxymethylfurfural, a versatile platform chemical made from renewable resources	2013	Chemical Reviews	1216	2-s2.0-84875135946
The political economy of international relations	2016	The Political Economy of International Relations	1160	2-s2.0-85040427479

Breastfeeding in the 21st century: Epidemiology, mechanisms, and lifelong effect	2016	The Lancet	1085	2-s2.0-84959450310
All-solid-state Z-scheme photocatalytic systems	2014	Advanced Materials	884	2-s2.0-84905580502
Conversion of biomass into chemicals over metal catalysts	2014	Chemical Reviews	762	2-s2.0-84894125479
Global distribution and prevalence of hepatitis C virus genotypes	2015	Hepatology	761	2-s2.0-84921060015
A review on empirical mode decomposition in fault diagnosis of rotating machinery	2013	Mechanical Systems and Signal Processing	720	2-s2.0-84870404381
Global Surgery 2030: Evidence and solutions for achieving health, welfare, and economic development	2015	The Lancet	680	2-s2.0-84938955749
Myth and Measurement: The New Economics of the Minimum Wage	2015	Myth and Measurement: The New Economics of the Minimum Wage	677	2-s2.0-84981212439
Climate change impacts on global food security	2013	Science	668	2-s2.0-84881061285
Financial crisis, austerity, and health in Europe	2013	The Lancet	664	2-s2.0-84876170314
Global, regional, and national levels and causes of maternal mortality during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	2014	The Lancet	647	2-s2.0-84907272570
Status and perspectives of CO ₂ conversion into fuels and chemicals by catalytic, photocatalytic and electrocatalytic processes	2013	Energy and Environmental Science	641	2-s2.0-84885988397
Profits and pandemics: Prevention of harmful effects of tobacco, alcohol, and ultra-processed food and drink industries	2013	The Lancet	620	2-s2.0-84874447727

In addition, a randomised sample of 20 articles was reviewed. 10 of the 20 articles do not closely reflect the theme of the SDG. These articles covered topics related to healthcare, water science, teaching methodologies and economic studies. The latter were not closely related to the theme of the SDG as these covered theories on currency markets, pension systems, tax systems and open market regulations of drugs.

Randomised sample of 20 articles listed in Scopus from the original search string:

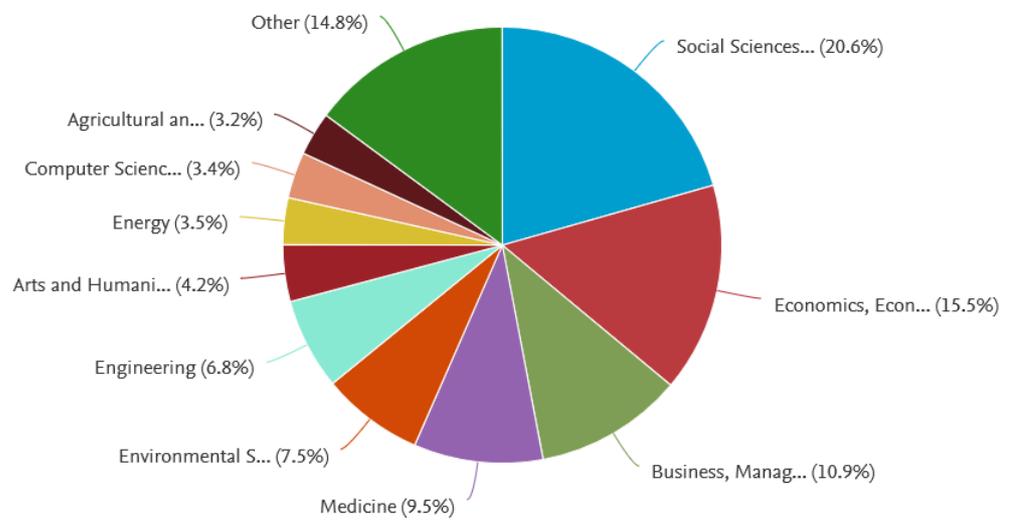
*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
Towards managing nonlinear regional development trajectories	2013	Environment and Planning C: Government and Policy	11	2-s2.0-84879293417
The research on english autonomous learning monitoring theory and application in the network environment	2014	Applied Mechanics and Materials	10	2-s2.0-84915750309
Effects of antipsychotics on insight in schizophrenia: Results from independent	2016	International Clinical Psychopharmacology	7	2-s2.0-84974555599

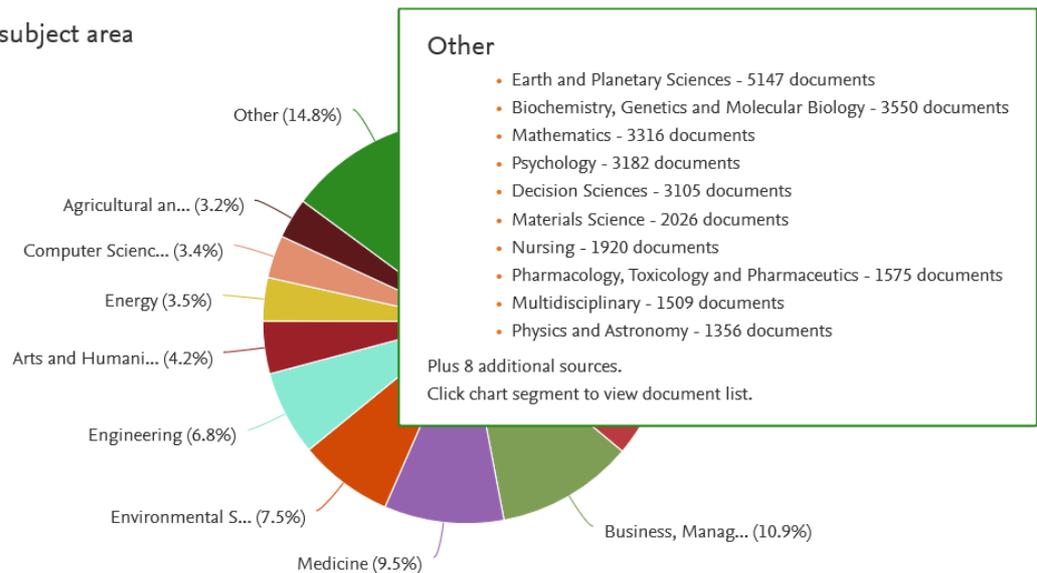
samples of first-episode and acutely relapsed patients				
Let it grow-the open market solution to marijuana control	2014	Harm Reduction Journal	7	2-s2.0-84931350224
Effect of unemployment on cardiovascular risk factors and mental health	2014	Occupational Medicine	7	2-s2.0-84906854013
Policy Implications of Dynamic Public Finance	2015	Annual Review of Economics	6	2-s2.0-84938564154
Rainfall effects on inflow and infiltration in wastewater treatment systems in a coastal plain region	2017	Water Science and Technology	3	2-s2.0-85024495695
Optimal redistribution: A life-cycle perspective	2014	Journal of Public Economics	3	2-s2.0-84893196137
Employment structural decomposition in manufacturing industries between 2000-2009 [Decomposição estrutural da variação do emprego nos setores industriais no brasil entre os anos de 2000 e 2009]	2015	Revista de Economia Contemporanea	2	2-s2.0-84949455132
The world scientific reference on entrepreneurship	2017	The World Scientific Reference on Entrepreneurship	1	2-s2.0-85019835203
Analysis of the Possibilities for Expansion of Services in Tanzanian Savings and Credits Co-Operative Societies: Learning From Economies Of Scale	2016	Annals of Public and Cooperative Economics	1	2-s2.0-84952361308
DYnamics of rural areas development in Poland - Convergence analysis	2016	Research for Rural Development	1	2-s2.0-85036611040
Searching for a 'recipe' for episodic development	2017	Deals and Development: The Political Dynamics of Growth Episodes	0	2-s2.0-85052942714
Solving RE models with discontinuous policy rules—an application to minimum wage setting in Germany	2017	Applied Economics Letters	0	2-s2.0-85001029983
A traditional society to up-to-day young. rural youth and female associationism in democratic Spain [Una sociedad tradicional para jóvenes modernas. juventud rural y asociacionismo femenino en la españa democrática]	2017	Historia Contemporanea	0	2-s2.0-85029743813
One man's campaign in the inner city news: Bruce hucker (1979 to 1990)	2015	New Zealand Sociology	0	2-s2.0-84938533036
December financial checkup for physicians	2014	The Journal of medical practice management : MPM	0	2-s2.0-84928074993
Analysis the influence factors of China's household carbon intensity	2014	Environment, Energy and Sustainable Development - Proceedings of the 2013 International Conference on Frontier of Energy and Environment Engineering, ICFEEE 2013	0	2-s2.0-84896809683

Post-Soviet transformations in the population's way of life in Stavropol krai	2013	Regional Research of Russia	0	2-s2.0-84922204347
Towards managing nonlinear regional development trajectories	2013	Environment and Planning C: Government and Policy	11	2-s2.0-84879293417

Documents by subject area



Documents by subject area



The general analysis of the overall document results confirms the findings of the analyses of the top 20 and randomised 20 articles. The search query retrieves articles from a variety of fields, including fields that are not relevant for the SDG. For example, nearly 10% of the document results are categorised in the field of 'Medicine'. 7% of the document results are retrieved from the fields 'Environmental Sciences' and 'Engineering'. Articles from all these fields were retrieved in the different analyses. Also, the co-occurrence of keywords shows that a high number of keywords are found which do not relate to the targets of the SDG. In addition, articles were retrieved from the field of 'Social Sciences' and 'Economics, Econometrics and Finance' which were not related to the theme and targets of the SDG. It is recommended to clean up the query to retrieve more relevant results.

Update 1) The search keywords were edited to remove the broader search terms, or to make them more specific by combining with other search keywords.

Original search string: 128,820 document results

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TITLE-ABS-KEY((({economic growth} OR {economic policy} OR {economic policies} OR {inclusive growth} OR {industrial development} OR {economic development} OR {economic geography} OR {economic productivity} OR {low carbon economy} OR {low-carbon economy} OR {inclusive growth} OR {informal sector} OR {informal sectors} OR microfinanc* OR micro-financ* OR micro-credit* OR microcredit* OR {income group} OR {income groups} OR {decent job} OR {decent jobs} OR {decent work} OR {quality job} OR {quality jobs} OR {job creation} OR {full employment} OR {employment protection} OR {productive employment} OR {informal employment} OR {precarious employment} OR {unemployment} OR {precarious job} OR {precarious jobs} OR microenterprise* OR micro-enterprise* OR {small enterprise} OR {medium enterprise} OR {small enterprises} OR {medium enterprises} OR {small entrepreneur} OR {starting entrepreneur} OR {medium entrepreneur} OR {small entrepreneurs} OR {medium entrepreneurs} OR {starting entrepreneurs} OR {social entrepreneurship} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {working environment} OR {working environments} OR {labor market institution} OR {labor market institutions} OR {labour market institution} OR {labour market institutions} OR {forced labour} OR {forced labor} OR {child labour} OR {child labor} OR {labour right} OR {labor right} OR {labour rights} OR {labor rights} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {global jobs} OR taxes OR {living wage} OR {minimum wage} OR {circular economy} OR {inclusive economy} OR {unequal pay} OR {rural economy} OR {local investment} OR {local investments} OR {trade unions} OR {trade union} OR {working poor} OR NEET* OR prosperity OR {carbon offset} OR {carbon offsetting} OR {carbon offsets} OR {offset project} OR {offset projects}))) AND PUBYEAR BEF 2018 AND PUBYEAR AFT 2012
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Rationale for edits to the search keywords:

<u>query term</u>	<u>decision</u>	<u>rationale</u>
{economic policy}	{economic development policy} OR {employment policy}	Too broad, leads to hits on all types of economic policies available. Narrowed down to keywords related to the targets
{economic policies}	{economic development policies} OR {employment policies}	Too broad, leads to hits on all types of economic policies available. Narrowed down to keywords related to the targets
{economic development}	Deleted	Development, as in growth, is already included in other keywords. {economic development} led to a large number of hits in the field of medicine, historical studies, etc. Deleted
{inclusive growth}	Narrowed down to {inclusive economic growth} OR {sustainable growth} + deleted duplicate	{inclusive growth} led to a variety of results unrelated to economic growth, narrowed down to either {inclusive economic growth} to specify it towards to the targets. Also added {sustainable growth} to include a query term regarding the target in relation to growth and resource efficiency, etc.
{industrial development}	Deleted	Focus of SDG 9, but it also leads to hits on articles in a variety of fields that are not relevant for this SDG

{economic geography}	Changed to {economic globalization} OR {economic globalisation}	Led to hits on geography related articles which did not relate to spatial-economic relationships / growth / advantages. Narrowed down to globalisation keywords
{low carbon economy}	Deleted	Deleted as this keyword led to hits on energy sciences and chemistry, {low-carbon economy} is sufficient
{informal sector}	Deleted	Doesn't seem to be a formal keyword used for informal employment markets as it retrieves a large variety of articles unrelated to the SDG, deleted as {informal employment} should be sufficient
{informal sectors}	Deleted	Doesn't seem to be a formal keyword used for informal employment markets as it retrieves a large variety of articles unrelated to the SDG, deleted as {informal employment} should be sufficient
{income group}	Changed to {equal income} OR {equal wages}	{income group} is a broad keyword, not necessarily related to the SDG other than the target on equal pay, and led to many results in the field of medicine. Narrowed down to more appropriate keywords
{income groups}	Deleted	See {income group}
{decent work}	Deleted	Deleted as this also leads to hits on phrases used regarding {decent work} done, does not specifically pinpoint to employment
{product employment}	Deleted	Unclear what this means, deleted
{unemployment}	Changed to {unemployment rate}	Changed as {unemployment} led to hits in IT, healthcare, etc
{working environment}	Changed to {safe working environment}	Narrowed down to retrieve articles related to the target
{working environments}	Deleted	See {working environment}
{child soldier}	Deleted duplicate	
{child soldiers}	Deleted duplicate	
{modern slavery}	Deleted duplicate	
{human trafficking}	Deleted duplicate	
taxes	Deleted	Not part of any of the targets of the SDG
{unequal pay}	Deleted	Part of updated query terms {equal income} {equal wages}
{local investment}	Changed to {Foreign Development Investment} OR {Aid for Trade}	The keyword led to articles on investments in all types of sectors, not just economy / employment related. Changed into keywords that are directly related to targets of the SDG
{local investments}	Deleted	See {local investment}
NEET*	Changed to {Not in Education, Employment, or Training}	NEET* led to results in physics, chemistry, neurosciences, etc. Narrowed down by using the full phrase
prosperity	Deleted	Not directly related to the SDG and its targets, too broad to use
AND NOT {health}	Added	Multiple core keywords also linked to healthcare and medicine, added this query term to exclude the majority of health related articles

Updated search string (first update): 71,714 document results

TITLE-ABS-KEY (({economic growth} OR {economic development policy} OR {employment policy} OR {inclusive economic growth} OR {sustainable growth} OR {economic development} OR {economic globalization} OR {economic globalisation} OR {economic productivity} OR {low-carbon economy} OR {inclusive growth} OR microfinanc* OR micro-financ* OR micro-credit* OR microcredit* OR {equal income} OR {equal wages} OR {decent job} OR {decent jobs} OR {quality job} OR {quality jobs} OR {job creation} OR {full employment} OR {employment protection} OR {informal employment} OR {precarious employment} OR {unemployment} OR {precarious job} OR {precarious jobs} OR microenterprise* OR micro-enterprise* OR {small enterprise} OR {medium enterprise} OR {small enterprises} OR {medium enterprises} OR {small entrepreneur} OR {starting entrepreneur} OR {medium entrepreneur} OR {small entrepreneurs} OR {medium entrepreneurs} OR {starting entrepreneurs} OR {social entrepreneurship} OR {safe working environment} OR {labor market institution} OR {labor market institutions} OR {labour market institution} OR {labour market institutions} OR {forced labour} OR {forced labor} OR {child labour} OR {child labor} OR {labour right} OR {labor right} OR {labour rights} OR {labor rights} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {global jobs} OR {living wage} OR {minimum wage} OR {circular economy} OR {inclusive economy} OR {rural economy} OR {Foreign Development Investment} OR {Aid for Trade} OR {trade unions} OR {trade union} OR {working poor} OR {Not in Education, Employment, or Training} OR {carbon offset} OR {carbon offsetting} OR {carbon offsets} OR {offset project} OR {offset projects}) AND NOT {health}) AND PUBYEAR < 2018 AND PUBYEAR > 2012

The results of the updated search were reviewed to check whether they aligned closely with the SDG theme.

The updated search returned 71,714 document results, compared to 128,820 document results for the original search.

The top 20 most cited articles were reviewed. Eight of the 20 articles do not closely match the theme of the SDG. These articles relate to topics in the field of chemistry, ecology, environmental sciences and historical studies. The articles were retrieved due to hits on the keywords ‘economic growth’ and ‘economic development’.

Top 20 most cited articles listed in Scopus from search string version 1:

*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
Rechargeable lithium-sulfur batteries	2014	Chemical Reviews	1618	2-s2.0-84912542845
Plastic waste inputs from land into the ocean	2015	Science	1259	2-s2.0-84923095173
Hydroxymethylfurfural, a versatile platform chemical made from renewable resources	2013	Chemical Reviews	1216	2-s2.0-84875135946
Myth and Measurement: The New Economics of the Minimum Wage	2015	Myth and Measurement: The New Economics of the Minimum Wage	677	2-s2.0-84981212439
Current trends in smart city initiatives: Some stylised facts	2014	Cities	589	2-s2.0-84892634029
The free-market innovation machine: Analyzing the growth miracle of capitalism	2014	The Free-Market Innovation Machine: Analyzing the	569	2-s2.0-84924530392

		Growth Miracle of Capitalism		
Sustainable intensification in agriculture: Premises and policies	2013	Science	559	2-s2.0-84879764232
A review on circular economy: The expected transition to a balanced interplay of environmental and economic systems	2016	Journal of Cleaner Production	553	2-s2.0-84945954752
The China syndrome: Local labor market effects of import competition in the United States	2013	American Economic Review	528	2-s2.0-84885783128
A new scenario framework for climate change research: The concept of shared socioeconomic pathways	2014	Climatic Change	520	2-s2.0-84897102713
Tidal wetland stability in the face of human impacts and sea-level rise	2013	Nature	447	2-s2.0-84889592676
Removal of hazardous organics from water using metal-organic frameworks (MOFs): Plausible mechanisms for selective adsorptions	2015	Journal of Hazardous Materials	444	2-s2.0-84907998449
Trade and civilisation in the Indian Ocean: An economic history from the rise of Islam to 1750	2014	Trade and Civilisation in the Indian Ocean: An Economic History from the Rise of Islam to 1750	443	2-s2.0-84953287605
An uncertain glory: India and its contradictions	2013	An Uncertain Glory: India and its Contradictions	416	2-s2.0-84924513656
The material footprint of nations	2015	Proceedings of the National Academy of Sciences of the United States of America	415	2-s2.0-84929409455
Product services for a resource-efficient and circular economy - A review	2015	Journal of Cleaner Production	411	2-s2.0-84928770369
Emissions of air pollutants and greenhouse gases over Asian regions during 2000-2008: Regional Emission inventory in ASia (REAS) version 2	2013	Atmospheric Chemistry and Physics	409	2-s2.0-84884137412
A global boom in hydropower dam construction	2014	Aquatic Sciences	405	2-s2.0-84922074906
The Circular Economy – A new sustainability paradigm?	2017	Journal of Cleaner Production	373	2-s2.0-85008162813
Aid and power: the World Bank and policy-based lending. Volume 1	2017	Aid and power: the World Bank and policy-based lending. Volume 1	360	2-s2.0-85040891783

In addition, a randomised sample of 20 articles was reviewed. Five out of 20 articles do not closely reflect the theme of the SDG. These five articles relate to a variety of fields: healthcare, conflict studies, land use, demographics and engineering. The articles were retrieved by hits on 'economic development', 'economic growth' and 'unemployment'.

Randomised sample of 20 articles listed in Scopus from search string version 1:

*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
A review of the circular economy in China: Moving from rhetoric to implementation	2013	Journal of Cleaner Production	260	2-s2.0-84873282680
Effects of urbanisation on energy consumption in China	2014	Energy Policy	106	2-s2.0-84890312523
Perverse incentives risk undermining biodiversity offset policies	2015	Journal of Applied Ecology	65	2-s2.0-84924540362
Economic performance of industrial development on collective land in the urbanization process in China: Empirical evidence from Shenzhen	2013	Habitat International	37	2-s2.0-84878898781
Drug use patterns in young adulthood and post-college employment	2013	Drug and Alcohol Dependence	32	2-s2.0-84870926697
Job search requirements for older unemployed: Transitions to employment, early retirement and disability benefits	2013	European Economic Review	28	2-s2.0-84871754785
Trade union revitalisation: Where are we now? Where to next?	2017	Journal of Industrial Relations	25	2-s2.0-85018792782
The mesh of civilizations in the global network of digital communication	2015	PLoS ONE	19	2-s2.0-84935010309
Regional disparities and carbon "outsourcing": The political economy of China's energy policy	2014	Energy	19	2-s2.0-84896394302
Spatiotemporal patterns of urbanization over the past three decades: a comparison between two large cities in Southwest China	2014	Urban Ecosystems	15	2-s2.0-84896059105
Cattle-based livelihoods, changes in the taskscape, and human-bear conflict in the Ecuadorian Andes	2016	Geoforum	9	2-s2.0-84953322686
Combining participatory approaches and an agent-based model for better planning shrimp aquaculture	2015	Agricultural Systems	9	2-s2.0-84945531026
Valorisation to biogas of macroalgal waste streams: A circular approach to bioproducts and bioenergy in Ireland	2017	Chemical Papers	7	2-s2.0-85006379809
Bring-Your-Own-Device (BYOD) practices in SMEs in developing countries - The case of Tanzania	2014	Proceedings of the 25th Australasian Conference on Information Systems, ACIS 2014	7	2-s2.0-84959525285
Baby busts and baby booms: The fertility response to shocks in dynastic models	2016	Review of Economic Dynamics	6	2-s2.0-84979649809
Migration and Development in Asia and a Role for Australia	2013	Journal of Intercultural Studies	5	2-s2.0-84877800206
Development and contemporary characteristics of agricultural cooperatives in the area of Croatia [Razvoj i suvremena obilježja poljoprivrednoga zadrugarstva na prostoru Hrvatske]	2016	Hrvatski Geografski Glasnik	2	2-s2.0-85010366679
Application of imitated ecosystems in urban waterlogging prevention	2014	Applied Mechanics and Materials	1	2-s2.0-84905055186
The Swedish model: An alternative to macroeconomic policy	2016	Revista de Economia Politica	0	2-s2.0-84974806657

Global estimates of diabetes prevalence for 2013 and projections for 2035	2014	Diabetes Research and Clinical Practice	1894	2-s2.0-84895832615
The global prevalence of dementia: A systematic review and metaanalysis	2013	Alzheimer's and Dementia	1816	2-s2.0-84872109456
The political economy of international relations	2016	The Political Economy of International Relations	1160	2-s2.0-85040427479
Breastfeeding in the 21st century: Epidemiology, mechanisms, and lifelong effect	2016	The Lancet	1085	2-s2.0-84959450310
All-solid-state Z-scheme photocatalytic systems	2014	Advanced Materials	884	2-s2.0-84905580502
Conversion of biomass into chemicals over metal catalysts	2014	Chemical Reviews	762	2-s2.0-84894125479
Global distribution and prevalence of hepatitis C virus genotypes	2015	Hepatology	761	2-s2.0-84921060015
A review on empirical mode decomposition in fault diagnosis of rotating machinery	2013	Mechanical Systems and Signal Processing	720	2-s2.0-84870404381
Global Surgery 2030: Evidence and solutions for achieving health, welfare, and economic development	2015	The Lancet	680	2-s2.0-84938955749
Climate change impacts on global food security	2013	Science	668	2-s2.0-84881061285
Financial crisis, austerity, and health in Europe	2013	The Lancet	664	2-s2.0-84876170314
Global, regional, and national levels and causes of maternal mortality during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	2014	The Lancet	647	2-s2.0-84907272570
Status and perspectives of CO ₂ conversion into fuels and chemicals by catalytic, photocatalytic and electrocatalytic processes	2013	Energy and Environmental Science	641	2-s2.0-84885988397
Profits and pandemics: Prevention of harmful effects of tobacco, alcohol, and ultra-processed food and drink industries	2013	The Lancet	620	2-s2.0-84874447727
Global patterns and trends in colorectal cancer incidence and mortality	2017	Gut	599	2-s2.0-84962150091
Measuring economic policy uncertainty	2016	Quarterly Journal of Economics	581	2-s2.0-84997832043
Silicon-Based nanomaterials for lithium-ion batteries: A review	2014	Advanced Energy Materials	551	2-s2.0-84891883895
Global health 2035: A world converging within a generation	2013	The Lancet	542	2-s2.0-84889255185

The analyses show that the first update has been successful in excluding irrelevant fields such as healthcare and engineering. The analyses show that there is no specific field that primarily delivers article results that are not closely related to the theme of the SDG. The co-occurrence of keywords shows that, compared to the original query, document results are better aligned with the targets of the SDG. However, the analyses do also show that several keywords are too broad and should be narrowed down to minimise hits on articles that are not relevant for this SDG. Additionally, some targets are missing or not fully covered, keywords should be added to address this issue.

Update 2) A second update was made to the search string to cover topics such as sustainable tourism and resource efficiency

The targets of SDG 8 are summarised in the table below. This table was used to identify targets that are not fully covered or could be improved by adding keywords. The following keywords were identified and added to the search string:

Target	Keyword to be added
Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries	Included
Achieve higher levels of economic productivity through diversification , technological upgrading and innovation , including through a focus on high-value added and labour-intensive sectors	{economic diversification}
Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation , and encourage the formalization and growth of micro-, small- and medium-sized enterprises , including through access to financial services	Included
Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead	{material footprint} {resource efficiency} {(cradle to cradle) AND (economy)} {economic decoupling}
By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	Included
By 2020, substantially reduce the proportion of youth not in employment, education or training	Included
Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour , including recruitment and use of child soldiers, and by 2025 end child labour in all its forms	Included
Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment	{labour market disparities}

By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	{sustainable tourism} {ecotourism} {community-based tourism} {tourism employment} {sustainable tourism policy}
Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all	{financial access} {financial inclusion} {access to banking}
Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries	Included
By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization	Included

Second update search: 76,682 document results

TITLE-ABS-KEY (({economic growth} OR {economic development policy} OR {employment policy} OR {inclusive economic growth} OR {sustainable growth} OR {economic development} OR {economic globalization} OR {economic globalisation} OR {economic productivity} OR {low-carbon economy} OR {inclusive growth} OR microfinanc* OR micro-financ* OR micro-credit* OR microcredit* OR {equal income} OR {equal wages} OR {decent job} OR {decent jobs} OR {quality job} OR {quality jobs} OR {job creation} OR {full employment} OR {employment protection} OR {informal employment} OR {precarious employment} OR {unemployment} OR {precarious job} OR {precarious jobs} OR microenterprise* OR micro-enterprise* OR {small enterprise} OR {medium enterprise} OR {small enterprises} OR {medium enterprises} OR {small entrepreneur} OR {starting entrepreneur} OR {medium entrepreneur} OR {small entrepreneurs} OR {medium entrepreneurs} OR {starting entrepreneurs} OR {social entrepreneurship} OR {safe working environment} OR {labor market institution} OR {labor market institutions} OR {labour market institution} OR {labour market institutions} OR {forced labour} OR {forced labor} OR {child labour} OR {child labor} OR {labour right} OR {labor right} OR {labour rights} OR {labor rights} OR {modern slavery} OR {human trafficking} OR {child soldier} OR {child soldiers} OR {global jobs} OR {living wage} OR {minimum wage} OR {circular economy} OR {inclusive economy} OR {rural economy} OR {Foreign Development Investment} OR {Aid for Trade} OR {trade unions} OR {trade union} OR {working poor} OR {Not in Education, Employment, or Training} OR {carbon offset} OR {carbon offsetting} OR {carbon offsets} OR {offset project} OR {offset projects} OR {economic diversification} OR {material footprint} OR {resource efficiency} OR ({cradle to cradle} AND {economy}) OR {economic decoupling} OR {labour market disparities} OR {sustainable tourism} OR {ecotourism} OR {community-based tourism} OR {tourism employment} OR {sustainable tourism policy} OR {financial access} OR {financial inclusion} OR {access to banking}) AND NOT {health}) AND PUBYEAR < 2018 AND PUBYEAR > 2012

The results of the updated search were reviewed to check whether they aligned closely with the SDG theme.

The updated search returned 76,682 document results, compared to 71,714 document results for the original search. The top 20 most cited articles were reviewed. Similar to update 1, eight the 20 articles do not closely match the theme of the SDG. These are the same articles and these relate to topics in the field of chemistry, ecology, environmental sciences and historical studies. The articles were retrieved due to hits on the keywords 'economic growth' and 'economic development'. No new articles were added to the top 20 most cited.

Top 20 most cited articles listed in Scopus from search string version 2:

*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
Rechargeable lithium-sulfur batteries	2014	Chemical Reviews	1618	2-s2.0-84912542845
Plastic waste inputs from land into the ocean	2015	Science	1259	2-s2.0-84923095173
Hydroxymethylfurfural, a versatile platform chemical made from renewable resources	2013	Chemical Reviews	1216	2-s2.0-84875135946
Myth and Measurement: The New Economics of the Minimum Wage	2015	Myth and Measurement: The New Economics of the Minimum Wage	677	2-s2.0-84981212439
Current trends in smart city initiatives: Some stylised facts	2014	Cities	589	2-s2.0-84892634029
The free-market innovation machine: Analyzing the growth miracle of capitalism	2014	The Free-Market Innovation Machine: Analyzing the Growth Miracle of Capitalism	569	2-s2.0-84924530392
Sustainable intensification in agriculture: Premises and policies	2013	Science	559	2-s2.0-84879764232
A review on circular economy: The expected transition to a balanced interplay of environmental and economic systems	2016	Journal of Cleaner Production	553	2-s2.0-84945954752
The China syndrome: Local labor market effects of import competition in the United States	2013	American Economic Review	528	2-s2.0-84885783128
A new scenario framework for climate change research: The concept of shared socioeconomic pathways	2014	Climatic Change	520	2-s2.0-84897102713
Tidal wetland stability in the face of human impacts and sea-level rise	2013	Nature	447	2-s2.0-84889592676
Removal of hazardous organics from water using metal-organic frameworks (MOFs): Plausible mechanisms for selective adsorptions	2015	Journal of Hazardous Materials	444	2-s2.0-84907998449
Trade and civilisation in the Indian Ocean: An economic history from the rise of Islam to 1750	2014	Trade and Civilisation in the Indian Ocean: An Economic History from the Rise of Islam to 1750	443	2-s2.0-84953287605
An uncertain glory: India and its contradictions	2013	An Uncertain Glory: India and its Contradictions	416	2-s2.0-84924513656
The material footprint of nations	2015	Proceedings of the National Academy of Sciences of the United States of America	415	2-s2.0-84929409455

Product services for a resource-efficient and circular economy - A review	2015	Journal of Cleaner Production	411	2-s2.0-84928770369
Emissions of air pollutants and greenhouse gases over Asian regions during 2000-2008: Regional Emission inventory in ASia (REAS) version 2	2013	Atmospheric Chemistry and Physics	409	2-s2.0-84884137412
A global boom in hydropower dam construction	2014	Aquatic Sciences	405	2-s2.0-84922074906
The Circular Economy – A new sustainability paradigm?	2017	Journal of Cleaner Production	373	2-s2.0-85008162813
Aid and power: the World Bank and policy-based lending. Volume 1	2017	Aid and power: the World Bank and policy-based lending. Volume 1	360	2-s2.0-85040891783

In addition, a randomised sample of 20 articles were reviewed taking the same approach. Five out of 20 articles do not closely reflect the theme of the SDG. These five articles relate to a variety of fields: IT, environmental sciences, psychology, conflict studies and biology. The articles were retrieved by hits on 'economic development', 'resource efficiency' and 'unemployment'.

Randomised sample of 20 articles listed in Scopus from search string version 2:

*red text shows articles which do not closely match the theme of the SDG

Title	Year	Source title	Cited by	EID
Flexible availability-aware differentiated protection in software-defined elastic optical networks	2015	Journal of Lightwave Technology	43	2-s2.0-84941631169
Heavy metals in atmospheric particulate matter: A comprehensive understanding is needed for monitoring and risk mitigation	2013	Environmental Science and Technology	24	2-s2.0-84889816922
Mindfulness Meditation Training and Executive Control Network Resting State Functional Connectivity: A Randomized Controlled Trial	2017	Psychosomatic Medicine	16	2-s2.0-85015717332
Connecting African urban areas: Airline networks and intra-Sub-Saharan trade	2015	Journal of Transport Geography	10	2-s2.0-84919935438
Trade Unions, 'Free Trade', and the Problem of Transnational Solidarity: An Introduction	2014	Globalizations	9	2-s2.0-84896958093
'Putting the GREAT back into Britain': National identity, public-private collaboration & Transfers of brand equity in 2012's global promotional campaign	2015	British Journal of Politics and International Relations	8	2-s2.0-84926154032
The Privatization of Public Safety in Urban Neighborhoods: Do Business Improvement Districts Reduce Violent Crime Among Adolescents?	2013	Law and Society Review	8	2-s2.0-84880683061
An investigation into the factors affecting e-commerce adoption decisions by SMEs: A study in Saudi Arabia	2015	Strategic E-Commerce Systems and Tools for Competing in the Digital Marketplace	6	2-s2.0-84944877560
Austerity and growth in Central and Eastern Europe: understanding the link through contrasting crisis management in Hungary and Latvia	2015	Post-Communist Economies	5	2-s2.0-84929739757

Yearning to labor: Youth, unemployment, and social destiny in urban France	2017	Yearning to Labor: Youth, Unemployment, and Social Destiny in Urban France	3	2-s2.0-85029784323
The temporary employed in Poland: Beneficiaries or victims of the liberal labour market?	2017	Economic and Industrial Democracy	1	2-s2.0-85025160675
Challenges of statutory social workers in linking foster care services with socio-economic development programmes	2017	Social Work (South Africa)	1	2-s2.0-85024378371
Global Metal Reuse, and Formal and Informal Recycling from Electronic and Other High-Tech Wastes	2016	Metal Sustainability: Global Challenges, Consequences, and Prospects	1	2-s2.0-85017427163
Determinants of economic growth in Saudi Arabia: An economic analysis using Vector Error Correction (VEC) model	2017	International Journal of Economic Research	0	2-s2.0-85039051930
Trade and national security: A test for best-known hypothesis	2017	Iranian Economic Review	0	2-s2.0-85021718607
Synthetic Biology in Asia: New Kids on the Block	2016	ACS Synthetic Biology	0	2-s2.0-85017514475
Model of evaluation of the level of social and economic development of the territory	2016	Journal of Internet Banking and Commerce	0	2-s2.0-85006910997
Microfinancing and the performance of Small and Medium Enterprises in Ghana	2015	Proceedings of the European Conference on Innovation and Entrepreneurship, ECIE	0	2-s2.0-84994091725
A comparative study of property rating in Malaysia and Nigeria: An overview	2015	Proceedings of the 26th International Business Information Management Association Conference - Innovation Management and Sustainable Economic Competitive Advantage: From Regional Development to Global Growth, IBIMA 2015	0	2-s2.0-84976417451
Public finance in Brazil: A policy-oriented approach [Finanças públicas no Brasil: Uma abordagem orientada para políticas públicas]	2013	Revista de Administracao Publica	0	2-s2.0-84889653222

Graphical summary of co-occurrence of terms from 2000 randomly selected results:

