



STATISTICS BOTSWANA

**Botswana International Standard
Classification of Education
Rev. 2011**

**Botswana International Standard Classification of Education
ISCED Rev 2011**

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PREFACE

This publication provides Botswana International Standard Classification of Education 2011 (ISCED 2011). The ISCED classification was adopted by the UNESCO General Conference at its 36th session in November 2011. It was initially developed by UNESCO in the 1970s, and first revised in 1997. The ISCED classification serves as an instrument to compile and present education statistics both nationally and internationally. The framework is occasionally updated in order to better capture new developments in the education system worldwide.

As national education systems vary in terms of structure and curricular content, it can be difficult to benchmark performance across countries overtime or monitor progress towards national and international goals. In order to understand and properly interpret the inputs, processes and outcomes of education systems from a global perspective, it is vital to ensure that data are comparable. This is done by applying the International Standard Classification of Education (ISCED). The standard framework therefore is used to categorise and report cross-nationally comparable education statistics.

As an organisation, Statistics Botswana is mandated to produce official statistics, it is also obliged to come up with national classifications which are in line with the international standards hence the adaptation of the ISCED Rev 2011. Users who require more information may send their requirements directly to the organisation.

Statistics Botswana would like to acknowledge the contribution of all stakeholders such as Government Ministries and Departments, Parastatal Organisations, Private Organisations and Development Partners towards the success of the development of this revised version.



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December 2015

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Introduction to Revision and Adaptation

Botswana International Standard Classification of Education (BISCED) is an adapted version of the International Standard Classification of Education (ISCED) 2011. Statistics Botswana, as an organisation mandated to produce official statistics, is obliged to come up with classifications which are in line with the international standards hence the adaptation of the ISCED 2011 in drawing up the BISCED 2011.

BISCED 2011 includes improved definitions for types of education and clarifies their application to ISCED 2011. Categories have been added to the classification of levels in recognition of the expansion of early childhood education and restructuring of tertiary education. New features also include

- i) The introduction of educational qualification as a related statistical unit alongside the education programme
- ii) Three-digit coding schemes for the levels of education programmes and educational attainment;
- iii) A section on ISCED governance; and
- iv) An expanded glossary

(BOTSWANA INTERNATIONAL STANDARD CLASSIFICATION OF EDUCATION - REVISION 2011)		
DIVISION 0: EARLY CHILDHOOD EDUCATION PROGRAMS		
Sub-Division	ISCED Code	Description of Program
1		Basic Programs
	11	Basic General Programs, Pre-primary
	12	Elementary
	13	Primary Teachers Training Programs
	14	Secondary Teachers Training Programs
	19	Other Basic Programs NEC
8		Literacy and Numeracy Programs
	81	Simple and Functional Literacy
	82	Numeracy Programs
	89	Other Literacy and Numeracy Programs NEC
9		Personal Development Programs
	91	Enhancing Personal Skills and Behavioral Capacities,
	92	Mental Skills
	93	Personal Organizational Capacities,
	94	Life Orientation Programs
	99	Other Personal Development Programs NEC
DIVISION 1: EDUCATION PROGRAMS		
14		Teacher Training and Education Science Programs
	141	Teacher Training for Pre-school, Kindergarten, Elementary School
	142	Vocational and Practical Teachers Training Programs
	143	Non-Vocational Subjects
	144	Adult Education Courses
	145	Teachers Trainers and For Handicapped Children
	146	General and Specialized Teacher-Training Programs.
	147	Curriculum Development in Non-Vocational and Vocational Subjects.
	148	Educational Assessment, Testing and Measurement,
	149	Educational Research and Other Education Science Programs NEC
DIVISION 2: HUMANITIES AND ARTS PROGRAMS		
21		Arts Programs
	211	Fine Arts: Drawing, Painting and Sculpture Subjects
	212	Performing Arts: Music, Drama, Dance and Circus
	213	Graphic and Audio-Visual Arts: Photography, Music Production,
	214	Cinematography
	215	Radio and Television Production
	216	Printing and Publishing
	217	Design and Craft Skills, including Jewellery Making Courses
	218	Spinning and weaving Handcrafts Courses
	219	Other Arts Programs NEC

22		Humanities Programs
	221	Religion and Theology
	222	Foreign Languages and Cultures: Living or 'Dead' Languages and Their Literature, Area Studies
	223	Native Languages: Current or Vernacular Language and Its Literature, eg Setswana
	224	Other Humanities: Interpretation and Translation
	225	Linguistics Courses
	226	Comparative Literature Programs
	227	History Courses Programs
	228	Archaeology Programs
	229	Philosophy Programs
	230	Ethics Programs
	239	Other Humanities Programs NEC
DIVISION 3: SOCIAL SCIENCES, BUSINESS AND LAW PROGRAMS		
31		Social and Behavioural Sciences Programs
	310	Community Development Programs; Social Welfare/Social Work Programs
	311	Economics and Economic History Programs
	312	Political Science and Sociology Programs
	313	Demography Courses
	314	Anthropology (except Physical Anthropology)
	315	Ethnology and Futurology Programs
	316	Psychology Programs
	317	Geography (except Physical Geography)
	318	Peace and Conflict Studies, Human Rights.
	319	Other Social and Behavioural Sciences Programs NEC
32		Journalism, Information and Documentation Programs
	321	Journalism Courses
	322	Library Technician and Science Courses
	323	Technicians in Museums and Similar Repositories, Curatorship and Conservation Programs
	324	Documentation Techniques
	325	Archival Sciences.
	326	Radio/Broadcasting Programs
	327	Photography
	328	Film Making Programs
	329	Other Journalism and Information Programs NEC
34		Business and Administration Programs
	341	Retailing Programs
	342	Marketing and Sales Programs
	343	Public Relations Programs
	344	Real Estate Programs
	345	Finance and Banking Programs;

	346	Accounting, Auditing and Bookkeeping Programs	
	347	Management and Public Administration Programs,	
	348	Secretarial and Office Work Programs.	
	351	Insurance and Investment Analysis Programs	
	352	Institutional Administration Programs	
	353	Personnel Administration Programs;	
	354	Manpower Planning Programs	
	355	Financial Management Programs	
	356	Business\Commercial Administration Programs	
	357	Materials Management Courses	
	358		
	359	Other Business and Administration Programs NEC	
38		Law Programs	
	381	Local magistrates, 'notaries'.)	
	382	Law (General, International, Labour, Maritime Law etc.) Programs	
	383	Jurisprudence Programs	
	384	History of Law Programs.	
	389	Other Law Programs NEC	
DIVISION 4: SCIENCE PROGRAMMES			
42		Life Sciences Programs	
	421	Biology, Botany, Bacteriology, Microbiology and Genetics Programs	
	422	Toxicology Programs	
	423	Zoology Programs	
	424	Entomology Programs	
	425	Biophysics Programs	
	426	Ornithology Programs	
	427	Biochemistry Programs	
	429	Other Allied Sciences, excluding Clinical and Veterinary Sciences Programs NEC	
44		Physical Sciences Programs	
	441	Astronomy and Space Sciences Programs	
	442	Physics and Other Allied Subjects Programs	
	443	Chemistry and Other Allied Subjects Programs	
	444	Geology and Geophysics Programs	
	445	Mineralogy Programs	
	446	Physical Anthropology Programs	
	447	Physical Geography and Other Geoscience Programs	

	449	Other Physical Sciences Programs NEC	
45			
	451	Meteorology and Other Atmospheric Sciences including Climatic Research Programs	
	452	Marine Science Programs	
	453	Volcanology Programs	
	454	Paleoecology Programs	
	459	Other Physical Sciences Programs NEC	
46		Mathematics and Statistics Programs	
	461	Mathematics and Numerical Analysis Programs	
	462	Operations Research Programs	
	463	Actuarial Science Programs	
	464	Statistics and Other Allied Fields Programs.	
	469	Other Mathematics and Statistics Programs NEC	
48		Computing Programs	
	481	Computer Sciences: System Design Programs	
	482	Computer Programming Programs	
	483	Data Processing Programs	
	484	Networks and Website Development Programs	
	485	Operating Systems – Software Development Programs Only	
	489	Other Computing Programs NEC	
DIVISION 5: ENGINEERING, MANUFACTURING AND CONSTRUCTION PROGRAMS			
52		Engineering and Engineering Trades	
	521	Engineering Drawing Programs	
	522	Mechanics Engineering Programs	
	523	Mining and Metallurgy Programs	
	524	Electrical Engineering Programs	
	525	Electronics and Telecommunications (Radio and Computer) Programs	
	526	Energy and Chemical Engineering Programs (Water)	
	527	Vehicle Maintenance Programs	
	528	Surveying Programs, Quantity Surveying Programs	
	529	Other Engineering and Engineering Trades NEC	
54		Manufacturing and Processing Programs	
	541	Food and Drink Processing Programs	
	542	Textiles and Clothes Programs (Tailoring, Textile Trades, Pattern Making etc.)	
	543	Footwear and Leather Works Programs	

	544	Wood and Paper Training Programs	
	545	Plastics Programs	
	546	Glass Programs	
	547	Chemicals Programs	
	548	Mining and Extraction Programs	
	549	Other Manufacturing and Processing Programs NEC	
55		Industrial Programs	
	551	Pattern Making Training	
	552	Fitter/Joinery Programs	
	553	Machine Tool Repair/Fitting	
	554	Welding and Fabrication Programs	
	555	Blacksmith Courses	
	556	Refrigeration and Air Conditioning Training Programs	
	557	Motor Mechanics Programs	
	558	Diamond Cutting/Polishing/Valuing Courses	
	559	Other Industrial Programs NEC	
58		Architecture and Building Programs	
	581	Architecture and Town Planning Programs	
	582	Structural Architecture Programs	
	583	Landscape Architecture and Land Management Programs	
	584	Community Planning Programs	
	585	Cartography Programs	
	586	Building and Construction (Valuation) Programs	
	587	Civil Engineering Programs	
	588	Painting and Songwriting Programs	
	589	Other Architecture and Building Programs NEC (e.g. Building Economics, Valuation etc.)	
59		Building and Construction Trades Programs	
	591	Painting/Songwriting Programs	
	592	Carpentry/Joinery Programs	
	593	Masonry and Bricklaying Programs	
	594	Plumbing	
	595	Electrical Programs	
	596	Sheet Metal Programs	
	597	Drafting Courses	
	599	Other Building and Construction Trades Programs NEC	
DIVISION 6: AGRICULTURE PROGRAMS			
62		Agriculture, Forestry and Fishery Programs	
	621	Crop Production Programs	
	622	Livestock Production Programs	
	623	Agronomy Programs,	
	634	Animal Husbandry Programs	
	625	Horticulture and Gardening Programs	
	626	Forestry and Forest Product Techniques Programs	
	627	Natural Parks and Wildlife Programs	

	628	Fisheries, Fishery Science and Related Technology Programs.	
63		Agriculture, Forestry and Fishery Programs-Con't	
	631	Irrigation Programs	
	632	Crop Protection Programs	
	633	Range and Pasture Management Programs	
	634	Soil Science Programs	
	635	Agricultural Engineering Programs	
	636	Aeronautical Engineering Programs	
	637	Food Research Programs	
	639	Other Agriculture, Forestry and Fishery Programs NEC e.g. Bee Keeping)	
64		Veterinary Programs	
	641	Veterinary Medicine Programs	
	642	Veterinary Assisting Programs.	
	649	Other Veterinary Services Programs NEC	
DIVISION 7: HEALTH AND WELFARE PROGRAMS			
72		Health Programs	
	710	Paramedical Training Programs	
	711	Anatomy and Epidemiology Programs	
	712	Anesthesiology Programs	
	713	Pediatrics Programs	
	714	Surgery, Neurology Programs	
	715	Psychiatry, Radiology and Ophthalmology Programs	
	716	Public Health Services, Hygiene Programs and Sanitation Programs	
	717	Pharmacy and Pharmacology Programs	
	718	Therapeutics, Physiotherapy, Rehabilitation, Prosthetics and Optometry Programs	
	719	Other Dental Assisting, Dental Hygienist; Dental Laboratory Technician, Odontology Programs	
	720	Laboratory Technician (Medical) Programs	
	721	Nutrition Programs	
	722	Obstetrics and Gynaecology Programs	
	723	Cytology Programs	
	724	Physiology Programs	
	725	Immunology and Immunohematology, Programs	
	726	Pathology Programs	
	727	Basic Nursing Programs	
	728	Midwifery Programs	
	729	Other Health Programs NEC	
76		Social Services Programs	
	761	Care of the People Living With Disability	
	762	Childcare Programs	
	763	Youth Services Programs	
	764	Gerontological Services Programs	
	765	Counseling Programs	
	769	Social Services Programs Not Elsewhere Classified	

DIVISION 8: SERVICES PROGRAMS			
81		Personal Services Programs	
	811	Hotel and Catering Programs	
	812	Travel and Tourism Programs	
	813	Sports and Leisure Programs	
	814	Hairdressing Programs	
	815	Beauty Treatment and Other Personal Services Programs	
	816	Cleaning, Laundry and Dry-Cleaning Services Programs	
	817	Cosmetic Services Programs	
	818	Domestic Science Programs.	
	819	Other Personal Services Programs NEC	
84		Transport Services Programs	
	841	Seamanship, Ship's Officer	
	842	Nautical Science Programs	
	843	Air Crew and Air Traffic Control Programs	
	844	Railway Operations Programs	
	845	Road Motor Vehicle Operations Programs (Including Driving Skills)	
	846	Postal Services Programs	
	847	Telecommunications Operations Programs	
	849	Other Transport Programs NEC	
85		Environmental Protection Programs	
	851	Environmental Conservation Programs	
	852	Control and Protection Programs	
	853	Air and Water Pollution Control Programs	
	854	Labour Protection and Security Programs	
	859	Other Environmental Protection Programs NEC	
86		Security Services Programs	
	861	Police Work and Related Law Enforcement (Including Prisons)	
	862	Criminology Programs	
	863	Fire-Protection and Fire Fighting Programs	
	864	Civil Security Programs	
	865	Military Programs	
	869	Other Security Services Programs NEC	
99	999	This category is not part of the classification itself but in data collection '99' is needed for 'fields of education not known or unspecified'.)	
NOTE:			
NEC = Not Elsewhere Classified			