LANDSCAN™ GLOBAL POPULATION DATABASE
THE WORLD'S FINEST POPULATION DISTRIBUTION DATA
LANDSCAN™ GLOBAL POPULATION DATABASE

East View offers the latest edition of the LandScan™ Global Population Database developed by the Department of Energy's Oak Ridge National Laboratory (ORNL). Using an innovative approach and the latest technologies, LandScan is the industry standard for global population distribution.

Features & Benefits

LandScan is the world’s most accurate spatially referenced population distribution model and finest resolution global population database.

- High resolution population distribution data (30 arc seconds or ~1km at equator) in a GIS raster (ESRI Grid) format
- Distribution depicts ambient (24 hr. average) population distribution
- Sub-national census counts provided by the International Program Center, Bureau of Census
- Upgraded and updated annually to reflect changes in global political boundaries
- Enables quick and simple assessment, estimation, and visualization of population at risk
- Valuable resource for Sustainable Development, Risk Assessment, Strategic Planning, Humanitarian Aid, Disaster Response and Disease Modeling
- Analysis tool for insurance, telecommunications and other business applications

LANDSCAN GLOBAL ARCHIVE

- Compilation of all historical LandScan Global population datasets dating back to the year 2000
- Access all LandScan Global databases from the same web portal
- Analyze population trends and demographic changes
- Available as a complete set or single years
- The LandScan Global Archive is sold separately from the current edition

NEW AND IMPROVED ACCESS TO LANDSCAN!

LandScan is available in three convenient access methods offering 24/7 access and unlimited simultaneous users!

- FTP/DVD: An archival copy of the data delivered electronically via FTP or mailed on a DVD.
- WMS/WCS: Easy access for GIS users to connect to the data hosted via a Web Mapping Service and Web Coverage Service with any GIS software.
- WebApp: Easy access for non-GIS users to view, analyze and extract data via an easy to use Web Application accessible by anyone with a web browser.

COMPLETE OR CUSTOM DATASETS

The LandScan dataset is available for purchase by country, region or globally. Also included are a robust set of metadata, documentation, and user guides to enable you to get the most information possible out of this data.

ANNUAL IMPROVEMENTS

- Higher resolution input data
- Census and political boundary updates
- High-resolution imagery
- Processing techniques
- Algorithm refinements

CURRENT USERS OF LANDSCAN

- National Departments and Ministries of Defense use LandScan for geospatial intelligence and logistics
- Agencies of the United Nations and European Commission utilize LandScan data in their environmental and humanitarian programs
- Insurance and Reinsurance Companies rely upon LandScan for their risk analysis models
- International organizations including the Red Cross, World Food Programme, and World Health Organization utilize LandScan for relief missions and planning
- Academic institutions use LandScan for research purposes

POPULATION DATA FOR ANY APPLICATION

Insurance Applications

- Risk analysis
- Life insurance forecasting
- Data warehousing
- Market predictions

Telecommunications Network Planning

- Population count assessment
- Communication placement
- Urban land use clutter data enhancement
- Infrastructure improvements

Market Growth

- Retail expansion
- Population trends
- Market research
- Global comparative analysis
- Business development

Spatial Data Analysis

- Raster (land cover, elevation, slope)
- Lines and Polylines (roads, rails, waterways, urban areas)
- Polygons (urban/rural areas, administrative boundaries)
- Points (small towns and villages, building data)

Disease Modeling

- Geocoding and spatial modeling of epidemics
- Infectious disease dynamics
- Public health policies
- Disease control programs

Humanitarian Aid & Relief Support

- Expedite assistance to catastrophic areas
- Monitor vulnerable populations in areas of conflict
- Rapid location of victims
- Plan and aid recovery efforts before natural and human disasters

Sustainable Development & Environmental Protection

- Assess human impact on the environment
- Locate per capita consumption hot-spots
- Habitat loss mitigation
- Critical infrastructure analysis
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