County Coal Map Series ILLINOIS AT URBANA-CHAMPAIGN Net Coal Thickness Andrew Louchios, Scott Elrick, Chris Korose, David Morse Institute of Natural Resource Sustainability William W. Shilts, Executive Director Map construction: November 04, 2009 ILLINOIS STATE GEOLOGICAL SURVEY STARK E. Donald McKay III, Interim Director For more information contact: Institute of Natural Resource Sustainablity Illinois State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964 This product is under review and may not meet the standards of the Illinois State Geological Survey. County (217) 333-4747 County coal maps and select quadrangle maps available as downloadable PDF files at: http://www.isgs.illinois.edu http://www.isgs.illinois.edu/maps-data-pub/coal-maps/county-index.shtml 16N 3E 16N 4E 16N 5E 16N 6E **HENRY** 15N 3E 15N 4E 15N 6E 15N 8E 15N 7E 14N 5E 14N 9E 14N 7E 14N 8E Lafayette___ 13N 4E 13N 6E 13N 7E 13N 8E 13N 9E MARSHALL STARK 30N-3W 12N 3E 12N 5E 12N 6E 12N 7E 12N 9E KNOX 11N 4E 11N 7E 11N 8E PEORIA-10N-3E 10N 4E 10N 8E WOODFORD 27N 3W 9N 6E Fig. 1 The coalfields of Illinois, Indiana, and western Kentucky constitute the Eastern Region of the In
No. 1 The coalfields of Illinois, Indiana, and western mining (See Fig 3.)

No. 2 The coalfields of Illinois, Indiana, and western in the coalfields of Illinois, Indiana, and Illinois, Illi Fig. 4 Pennsylvanian Stratigraphic Column **Map Explanation** Original Mined Remaining Available Northern and Western Eastern and Southern Members and Beds Members and Beds terior Coal Province, known better as the Illinois that the surface Indiana Basin. About 36,800 square miles in Illinois are un- land-use and geo- Jamestown The maps and digital files of this study were compiled from data from a variety of public and private sources and have varying degrees of completeness and accuracy. They derlain by the coal-bearing sequence of rocks that logic conditions constitute the Pennsylvanian System. (See Fig 1.) related to mining present interpretations of the geology of the area and are based on available data. pperas Creek Sandsto Lawson Shale However, these interpretations are based on data that may vary with respect to accuracy of the deposit (e.g. of geographic location, type, quantity, and reliability, as they were supplied to the Illinois Illinois has the largest reported bituminous coal re- thickness, depth, **Net Coal Thickness** State Geological Survey. Consequently, the accuracy of the interpreted features shown sources and the largest strippable bituminous coal re- in-place tonnage, in these files is subject to the limitations of the data and varies from place to place. sources of any state in the United States. Illinois has the stability of bed-18 inches to 5 feet ■ Avail. w/ potential restr. third largest total coal resources of any state and is secrock overburden) Contoured features less than 7 million square feet (about 1/2 mile square) in area ond only to Montana in terms of demonstrated reserve are 5 to 10 feet may not be accurately portrayed or resolved. This data set provides a large-scale 40 60 base. About 20 coal seams have been mined in Illinois. Most production, however, has come to other coals conceptual model of the geology of the area on which to base further work. 10 to 15 feet from about eight coal seams, with 85 to 90% of the total production being from the Herrin currently being These data are not intended for use in site-specific screening or decision-making. 221.1 12.5 and Springfield seams. 15 to 20 feet The combined original resources Coal has been mined in Illinois for 200 years. The thickest cumulative resources of coals **Disclaimer** 20 to 25 feet Survant Coal of the Danville, Jamestown, Her- in Illinois are found in the southeastern part of the state along the Galatia Channel and rin, Springfield, Colchester, Davis/ near the deepest areas of the Illinois Basin in and around Jasper County. (See Index Map) The Illinois State Geological Survey and the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this Dekoven, and Seelyville Coals in the State of Illinois totals 221.1 billion data set and accept no liability for the consequences of decisions made by others on the tons, of which 12.5 billion have been **References:** basis of the information presented here. mined. Approximately 43% of these - Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p. Greenbush Coal Wiley Coal original coal resources, 96.1 billion - Jacobson, R.J, and C Korose, 2003, Coal Geology of Illinois, in 2003 Keystone Coal Industry Manual, © 2009 Board of Trustees of the University of Illinois. All rights reserved. North-south cross section of the Pennsylvanian System in Illinois Index Map tons, are considered available for Coal Age, PRIMEDIA Business Magazines and Media, Chi cago, IL, pp. 503 -514.