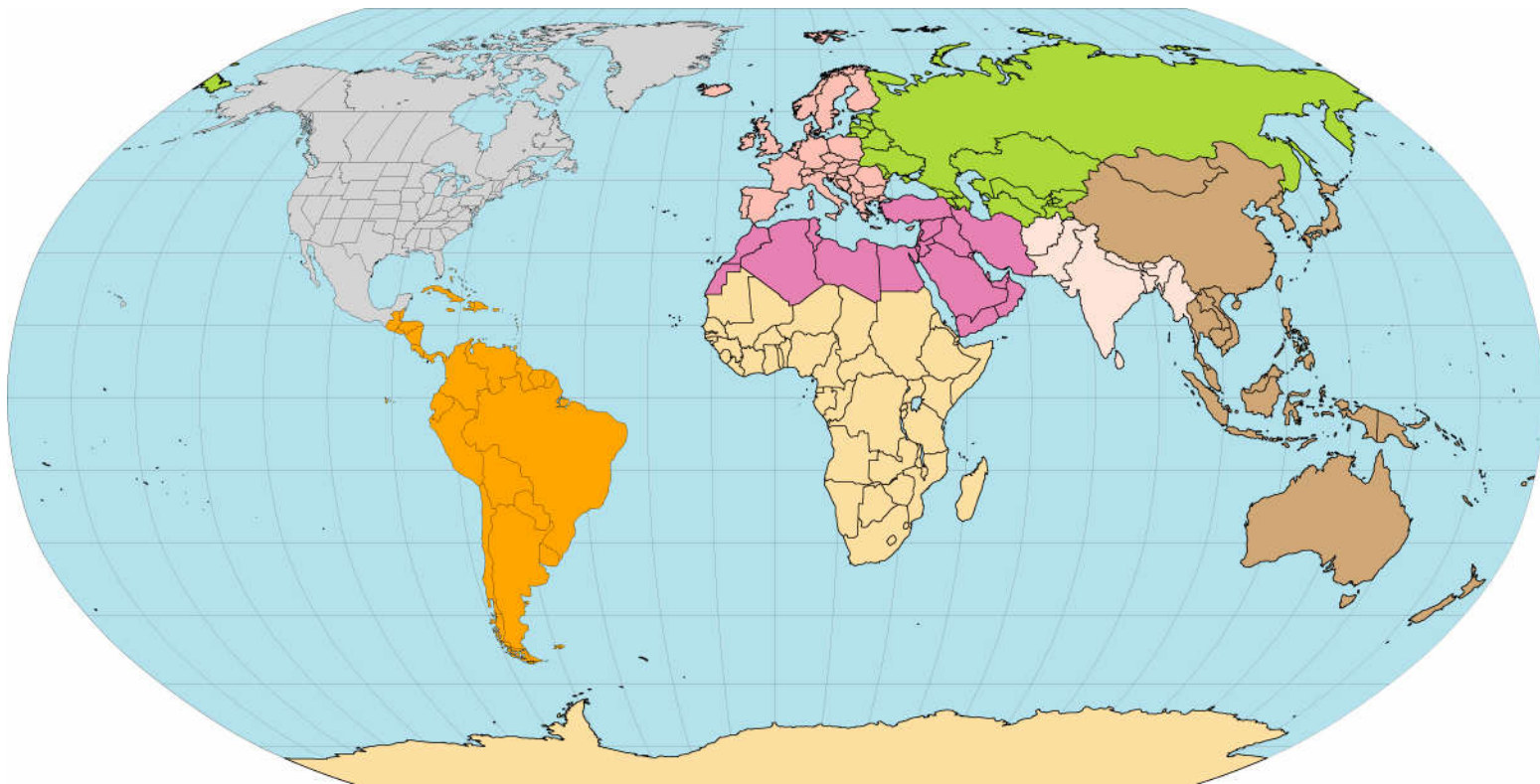


U. S. Department of the Interior
Geological Survey

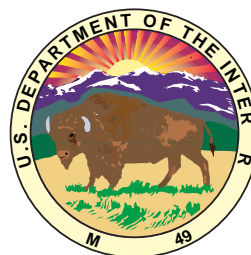
RANKING OF THE WORLD'S OIL AND GAS PROVINCES BY
KNOWN PETROLEUM VOLUMES

by T. R. Klett, T. S. Ahlbrandt, J. W. Schmoker, and G. L. Dolton



Open-File Report 97-463

This report is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards and stratigraphic nomenclature. Any use purposes only and does not imply endorsement by the U. S. government.



U. S. Department of the Interior
U. S. Geological Survey

RANKING OF THE WORLD'S OIL AND GAS PROVINCES BY
KNOWN PETROLEUM VOLUMES

by T. R. Klett, T. S. Ahlbrandt, J. W. Schmoker, and G. L. Dolton

Field Allocation and Database Compilation: Timothy R. Klett

Province Map Compilation: Lee M. Osmonson

Methodology: James W. Schmoker, Gordon L. Dolton

Province Delineation:

Region 1 (Former Soviet Union)--Gregory F. Ulmishek

**Region 2 (Middle East and North Africa)--Thomas S. Ahlbrandt,
Richard M. Pollastro**

Region 3 (Asia Pacific)--Peter J. McCabe, Jin Qiang, Robert T. Ryder

Region 4 (Europe)--Donald L. Gautier, Mark J. Pawlewicz

Region 5 (North America)--Gordon L. Dolton

Region 6 (Central and South America)--Christopher J. Schenk

**Region 7 (Sub-Saharan Africa and Antarctica)--Michele L. Tuttle, Ronald
R. Charpentier, Michael E. Brownfield**

Region 8 (South Asia)--Ben E. Law, Craig J. Wandrey

CD-ROM Compilation: Kenneth I. Takahashi

Open-File Report 97-463

This report is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U. S. government.

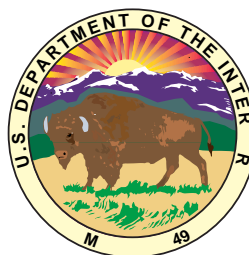


TABLE OF CONTENTS

INTRODUCTION	1
METHODS	2
Regions	2
Geologic Provinces	2
Allocation of Petroleum Resources to Oil and Gas Provinces	3
Ranking of Provinces	4
FIELD-SIZE DISTRIBUTIONS WITHIN PROVINCES	5
DISCUSSION	5
Relative Abundance of Oil versus Gas Fields	5
Distribution of Petroleum Resources Outside the U. S.	6
Relationship of Ranking to Reserve Growth	6
Relationship of Ranking to Undiscovered Resources	7
SUMMARY	9
REFERENCES	10

TABLES

Table 1. Ranking of world provinces that contain oil and gas by known petroleum volumes.

FIGURES

Figure 1. Cumulative percent of world known petroleum volume by ranked oil and gas provinces.

TABLE OF CONTENTS (continued)

- Figure 2. Cumulative percent of world known petroleum volume by the 100 top-ranked oil and gas provinces.
- Figure 3. Histogram showing volumes of known petroleum by the 100 top-ranked oil and gas provinces.
- Figure 4. Histogram showing known petroleum volumes of the world by region.
- Figure 5. Histogram showing number of priority and boutique provinces to be assessed in each region.

APPENDICES

- Appendix A. Geologic provinces of the world by region.
- Appendix A1. A list of geologic provinces of the world by code number.
- Appendix A2. An alphabetical list of geologic provinces of the world.
- Appendix B. List of priority and boutique provinces with graphs showing numbers of fields by size class for each priority province of the world, exclusive of the United States.

PLATES

- Plate 1. World Energy Project regions with superimposed petroleum provinces: Provinces with codes.
- Plate 2. World Energy Project regions with superimposed petroleum provinces: Priority and boutique provinces.

INTRODUCTION

This report presents a division of the world into 937 geologic provinces and identifies those that the United States Geological Survey (USGS) plans to assess for petroleum resources. The selection of geologic provinces to be assessed was based on a ranking of known petroleum volumes in terms of barrels of oil equivalent (BOE). Known petroleum volume is defined as cumulative production plus remaining reserves. For the BOE calculation, 6,000 cubic feet of gas equals 1 barrel of oil equivalent.

This ranking of the world's petroleum provinces is a product of the World Energy Project of the USGS, which is undertaking an assessment of the undiscovered oil and gas resources of the world using new assessment methods, new databases, and a total petroleum system approach (Magoon and Dow, 1994). The identification and ranking of geologic provinces comprise the first of a three step assessment process. The second step involves identifying and mapping total petroleum systems within each province. The third step is the assessment of the total petroleum systems. The second and third steps of the assessment process will be described in later reports. Four previous world assessments have been undertaken by the USGS utilizing a Delphi approach and the results were reported by country rather than by geologic province (Masters and others, 1984; 1987; 1991; and 1994).

Those provinces that together represent 95% of the world's known petroleum volume exclusive of the United States (U.S.), are here called **priority provinces**, and comprise the main group of provinces that will be assessed. Seventy-six provinces were defined as priority provinces. In addition, certain other provinces in the world will be assessed for a variety of political, technical, or geographic reasons and are identified as **boutique provinces**.

In this report, we define regions and geologic provinces, allocate known petroleum volume of fields to those provinces, and rank the provinces according to the known petroleum volume allocated. We identify priority and boutique provinces for assessment. In addition, we discuss the ranking of provinces and the relation of the ranking to potential reserve growth and undiscovered resources.

METHODS

Regions

The world's land areas are divided here into eight regions (Plate 1) that approximate those used by the U.S. State Department and the U.S. Department of Energy. Each region has been assigned a coordinator and staff responsible for assessment. The regions are (Plate 1): 1, Former Soviet Union; 2, Middle East and North Africa; 3, Asia Pacific; 4, Europe; 5, North America; 6, Central and South America; 7, Sub-Saharan Africa and Antarctica; and 8, South Asia.

Geologic Provinces

We began the assessment by defining geologic provinces of the world (Plate 1, Appendix A). These encompass all the world's major land areas, and adjoining waters to depths of 2,000 meters. Each geologic province is a spatial entity with common geologic attributes. A province may include a single dominant structural element such as a basin or a fold belt, or a number of contiguous related elements. Province boundaries were drawn as logically as possible along natural geologic boundaries although in some places, for example in the open oceans, they are located arbitrarily.

Provinces were defined by Regional Coordinators and staff from surface and subsurface geologic maps. To aid in defining provinces, digital geologic maps were compiled from the available literature. Provinces of the United States onshore areas and State waters were established in the 1995-1996 U. S. Department of the Interior National Oil and Gas Assessment (Gautier and others, 1995; Minerals Management Service, 1996).

World-wide, 937 geologic provinces (Plate 1, Appendix A) were identified. A four-digit numeric code, in which the first digit represents the region, and a descriptive province name were given to each of the provinces (Appendix A). Plate 1 shows the province outlines, their assigned numbers, and the regions. Plate 2, in addition to region and province outlines, shows the names and numbers of the priority and boutique provinces as well as the centerpoints of oil and gas fields.

Allocation of Petroleum Resources to Oil and Gas Provinces

About 32,000 fields contained in three oil and gas production databases purchased by the USGS were allocated to world regions and then to geologic provinces. This allocation was based on the location of the field's center point using geographic information systems applications. All subsequent statistics rely on data contained in these databases. Data for United States onshore areas and State waters are from the Significant Oil and Gas Fields of the United States database (NRG Associates, Inc., 1995a) and are current through 1992. Data for U.S. Federal offshore areas are from Minerals Management Service (Lore and others, 1996) and are current through 1994. Canadian data are from the Significant Oil and Gas Pools of Canada database (NRG Associates, Inc., 1995b) and are current through 1993. All other data are from the Petroleum Exploration and Production Database (Petroconsultants, 1996) and are current through the second quarter of 1996. Of the 937 geologic provinces, 406 contain some known petroleum volume. Exclusive of the U. S., 354 provinces contain known petroleum volumes.

Ranking of Provinces

The geologic provinces were ranked by total known petroleum volume in millions of barrels of oil equivalent (MMBOE) within the province. Total known petroleum volume is the sum of the volumes of oil, in barrels; natural gas (combined non-associated gas and associated-dissolved gas), in terms of its energy equivalent in barrels of oil; and natural gas liquids (NGL), in barrels. The ranking, known volumes of commodities, and total known petroleum volume for each petroleum province are shown in [Table 1](#). [Figures 1](#) and [2](#) show percent cumulative known petroleum volume as a function of province rank for provinces exclusive of the U. S. [Figure 3](#) shows the individual volumes of known petroleum in the 100 top-ranked provinces exclusive of the U. S.

Exclusive of the U. S., the 76 largest geologic provinces in terms of petroleum volume contain 95% of the world's total known petroleum volumes ([Table 1](#)). These 76 provinces are the priority provinces that will be assessed. We have database records for more than 14,000 fields located in these priority provinces. In addition to the priority provinces, all boutique provinces will be assessed. Boutique provinces rank below the priority provinces ([Table 1](#)). Most of the boutique provinces contain some known volume of petroleum. However, a few currently have no known petroleum volumes documented in the databases used and are listed last in [Table 1](#).

Known petroleum volumes for each of the eight regions are shown in [Figure 4](#). Region 2, Middle East and North Africa, contains the largest known petroleum volume followed by Region 1, Former Soviet Union and by Region 5, North America. The ranking ([Table 1](#)) shows that 23 U.S. provinces are among the world's top 100 provinces, placing the large endowment of oil and gas that the U. S. enjoys in a global perspective. The number of geologic provinces in each region

that contain known petroleum volumes is also shown in [Figure 4](#). The numbers of priority and boutique provinces in each region are shown in [Figure 5](#).

Priority provinces have been selected based on known petroleum volumes reported in the databases listed earlier, and thus are unlikely to change unless a cutoff other than 95% of the world's total known petroleum volume is adopted. In contrast, boutique provinces were selected on the basis of more subjective factors such as perceived petroleum potential and political relationships. The list of boutique provinces is therefore more subject to additions and deletions in the future.

FIELD-SIZE DISTRIBUTIONS WITHIN PROVINCES

Field-size distributions by petroleum type for the 76 priority provinces are shown in [Appendix B](#) by province number. These field-size distributions provide information about each province regarding: 1) natural endowment of oil and gas volumes; 2) current economic field sizes; 3) relative exploration maturity for oil and gas; and 4) potential for undiscovered resources (missing or under-represented field-size classes).

DISCUSSION

Relative Abundance of Oil versus Gas Fields

A majority of the world's known petroleum fields are oil fields. Among the priority provinces, the ratio of known oil fields to gas fields is about 2:1, which probably does not reflect the natural endowment of gas relative to oil. In the U.S., where a delivery infrastructure is in place

and gas generally finds a ready market, the ratio of oil fields to gas fields is approximately 1:1. In the U.S., the known volume of gas (in BOE) is approximately equal to the known volume of oil. Should technology become available to make gas economically competitive with oil, world gas exploration and development could rapidly become more important.

Distribution of Petroleum Resources Outside the U. S.

Figures 1 and 2 demonstrate the uneven distribution among the petroleum provinces of the world's known petroleum volumes. Exclusive of the U. S., about 80% of the world's known petroleum volume resides in only 7% (24) of the oil and gas provinces; 95% of the world's known petroleum volume resides in 21% (76) of the oil and gas provinces (Table 1). Of the world's almost 20,000 oil and gas fields assigned to provinces in our databases, exclusive of the U. S., 72% (>14,000) reside in the 76 priority provinces.

Relationship of Ranking to Reserve Growth

Initial estimates of the size of newly discovered oil and gas fields commonly are too low. As developmental drilling progresses, successive size estimates of fields usually increase, although some fields deviate from this pattern. The term “reserve growth,” which is synonymous with “field growth,” refers to this typical increase in the estimated quantity of hydrocarbons in fields that occur as the fields are developed.

In the United States, where petroleum exploration and development are at a more mature stage than the world in general, reserve growth has become the dominant component of future oil and natural-gas resources (U.S. Geological Survey National Oil and Gas Resource Assessment Team, 1995). World-wide, the development of additional oil and natural-gas resources through

activities other than new-field exploration (i.e., reserve growth) has become the most important reserve-growth trend of the 1990's ([Oil and Gas Journal, 1996, p. 37](#)). Reserve growth is significant now and is likely to become even more important in the future as world demand for oil and gas increases and opportunities for new large-field discoveries decrease. For these reasons, projections of the reserve growth of known fields have become necessary components of petroleum resource assessments.

An assumption implicit in most reserve-growth projections is that reserve growth is proportional to field size -- that is, to known petroleum volume. In the United States, known petroleum volume equates to cumulative production plus proved reserves, and proved reserves are tightly defined. In much of the world, however, known petroleum volume equates to cumulative production plus proved reserves (in the United States sense) plus some component of inferred reserves (which in the United States would be counted as reserve growth). Despite the elusiveness of world-wide reserves reporting, that portion of future reserve growth not already allotted to "proved" reserves can reasonably be assumed to be roughly proportional to known petroleum volume. Thus, the ranking of world oil and gas provinces by known petroleum volume ([Table 1](#)) can also be regarded as a ranking according to reserve-growth potential.

Relationship of Ranking to Undiscovered Resources

The world province ranking of [Table 1](#) provides a quantitative rationale for selecting provinces that the USGS will assess for future petroleum resources. As discussed in the previous section, this ranking may also represent the relative reserve-growth potential of the world's petroleum provinces. For depicting the relative potential for new-field discoveries, however, a ranking scheme would ideally include estimates of undiscovered resources.

However, estimates of undiscovered resources will be the result of the USGS assessment, and are thus unavailable now for a prioritization exercise. An alternative might be to rank world petroleum provinces according to some previous assessment of undiscovered resources. However, geologic-province boundaries used here (Plate 1) do not match the geographic subdivisions of previous world petroleum assessments. For example, the world assessment series by Masters and others (1984; 1987; 1991; 1994) used countries as the basic geographic subdivision.

The world province ranking of Table 1 is based on currently known petroleum volumes -- volumes that have not been adjusted for future reserve growth (which is an assessment result). The possibilities for changes in relative ranking that might be caused by different reserve-growth rates among provinces are mitigated somewhat because many of the world's large fields were discovered more than two decades ago and have already undergone significant reserve growth.

A possible alternative ranking system would be based on remaining reserves. Such a system would lower the relative ranking of provinces that have large cumulative production. However, the problem of inadequately ranking frontier provinces in which most or all of the petroleum resource is undiscovered would still not be solved. In such frontier provinces, little oil or gas has been produced to date, and known petroleum volume and remaining reserves are essentially equal.

Use of known petroleum volume as the variable for ranking all provinces has at least three advantages for this study: 1) Provinces that have contributed greatly to the world's energy supply, and have thus been of direct or indirect significance to United States economic security, emerge as high priority; 2) Provinces that have the greatest potential for reserve growth are identified; 3) Mature provinces where undiscovered resources are close to well developed infrastructure, and where marginal costs will be low, tend to be ranked relatively high.

The petroleum endowment of geologic provinces has a highly skewed distribution (for example, Figs. 1 and 2), so that a rich province in which only a relatively small share of the conventional petroleum endowment remains undiscovered can still rank high on a world scale of undiscovered petroleum potential. Stated overly simply, our ranking of provinces according to known petroleum volume embodies this idea that “acorns are found near oak trees”.

Our boutique-province designations focus attention on those frontier areas where the existence of a substantial petroleum endowment is suspected but not yet established in the form of known petroleum volume. Some boutique provinces include regionally extensive, so-called unconventional or continuous-type hydrocarbon resources that may become viable in the 30-year time frame of this assessment.

SUMMARY

This report provides a ranking of the world's geologic provinces according to known petroleum volume. Exclusive of the U.S., about 80% of the world's known petroleum volume resides in 7% (24) and 95% in 21% (76) of the oil and gas provinces. The ranking facilitates studies of reserve growth, assessment of undiscovered resources, and analysis of economics and risk. The ranking also provides a balanced perspective of U.S. petroleum provinces with respect to the rest of the world.

REFERENCES

- Gautier, D. L., Dolton, G. L., Takahashi, K. I., and Varnes, K. L., 1995, 1995 National Assessment of United States Oil and Gas Resources - Results, Methodology, and Supporting Data: U.S. Geological Survey Digital Data Series DDS-30.
- Lore, G. L., Brooke, J. P., Cooke, D. W., Klazynski, R. J., Olson, D. L., and Ross, K. M., 1996, Summary of the 1995 assessment of conventionally recoverable hydrocarbon resources of the Gulf of Mexico and Atlantic Outer Continental Shelf: Minerals Management Service OCS Report MMS 96-0047, 67 p.
- Magoon, L. B., and Dow, W. G., eds., 1994, The petroleum system - from source to trap: American Association of Petroleum Geologists Memoir 60, 655 p.
- Masters, C. D., Root, D. H., and Dietzman, W. D., 1984, Distribution and quantitative assessment of world crude oil reserves and resources: Proceedings of 11th World Petroleum Congress, v. 2, p. 229-237.
- Masters, C. D., Attanasi, E. D., Dietzman, W. D., Meyer, R. F., Mitchell, R. W., and Root, D. H., 1987, World resources of crude oil, natural gas, natural bitumen, and shale oil: Proceedings of 12th World Petroleum Congress, v. 5, p. 3-27.
- Masters, C. D., Root, D. H., and Attanasi, E. D., 1991, World resources of crude oil and natural gas: Proceedings of 13th World Petroleum Congress, v. 2, p. 51-64.
- Masters, C. D., Root, D. H., and Attanasi, E. D., 1994, World petroleum assessment and analysis: Proceedings of 14th World Petroleum Congress, p. 529-541.

Minerals Management Service, 1996, An assessment of the undiscovered hydrocarbon potential of the Nation's Outer Continental Shelf: Minerals Management Service OCS Report MMS 96-0034, 40 p.

NRG Associates, Inc., 1995a [includes data current as of December 31, 1992], The significant oil and gas fields of the United States database: Colorado Springs, Colo., NRG Associates, Inc., [database available from NRG Associates, Inc., P.O. Box 1655, Colorado Springs, CO 80901].

NRG Associates, Inc., 1995b [includes data current as of December 31, 1993], The significant oil and gas fields of Canada database: Colorado Springs, Colo., NRG Associates, Inc., [database available from NRG Associates, Inc., P.O. Box 1655, Colorado Springs, CO 80901].

Oil and Gas Journal, 1996, Oil and gas reserves, oil output rise in 1996: Oil and Gas Journal, v. 94 (December), n. 53, p. 37-38.

Petroconsultants, 1996, Petroleum exploration and production database: Houston, Texas, Petroconsultants, Inc., [database available from Petroconsultants, Inc., P.O. Box 740619, Houston, TX 77274-0619].

U.S. Geological Survey National Oil and Gas Resource Assessment Team, 1995, 1995 National Assessment of United States Oil and Gas Resources: U.S. Geological Survey Circular 1118, 20 p.

Table 1. Ranking of world provinces that contain oil and gas by known petroleum volumes. The ranking given in the first column includes all geologic provinces. The ranking in the second column is exclusive (excl.) of United States provinces. Ninety-seven provinces contain over 95% of the world's known petroleum volume. Of those, 21 are in the U.S. and have already been assessed. The remaining 76 provinces contain 95% of the world's known petroleum volume exclusive of the United States' volumes and will be assessed by the U.S.G.S. These 76 provinces are called priority provinces. Plots shown in **Figures 1 and 2** were constructed using these rankings. [Gas includes both non-associated and associated-dissolved gas. NGL is natural gas liquids. Total known petroleum volume is the sum of oil, gas, and NGL volumes in terms of energy equivalent in barrels of oil. Percent and cumulative percent of world volume were calculated using the sum of the known petroleum volume (in billion barrels of oil equivalent). BB is billion barrels, TCF is trillion cubic feet, and BBOE is billion barrels of oil equivalent. For the BOE calculation, 6,000 cubic feet of gas equals 1 barrel of oil equivalent. Priority provinces are those ranked provinces that contribute 95% of the world's known petroleum volume exclusive of the United States' volumes. Boutique provinces are those provinces that will be assessed due to perceived political or strategic importance, or significant underdeveloped hydrocarbon potential. Data for United States onshore areas and State waters are from the Significant Oil and Gas Fields of the United States database (NRG Associates, Inc., 1995a) and are current through 1992. Data for Federal offshore areas are from Minerals Management Service (Lore and others, 1996) and are current through 1994. Canadian data are from the Significant Oil and Gas Pools of Canada database (NRG Associates, Inc., 1995b) and are current through 1993. All other data are from the Petroleum Exploration and Production Database (Petroconsultants, 1996) and are current through the second quarter of 1996. This ranking is considered preliminary; modifications in province boundaries and field and reserve assignments are ongoing. Blank, not reported; <, less than; nd, no data.]

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
1	1	1174	West Siberian Basin	Priority	140.4	1271.8	3.1	355.6	14.3	14.3
2	2	2024	Mesopotamian Foredeep Basin	Priority	292.4	298.3	1.8	344.0	13.8	28.1
3	3	2021	Greater Ghawar Uplift	Priority	141.7	248.6	8.6	191.7	7.7	35.8
4	4	2030	Zagros Fold Belt	Priority	121.6	399.4	1.4	189.5	7.6	43.4
5	5	2019	Rub Al Khali Basin	Priority	89.9	182.3	2.6	122.8	4.9	48.3
6	6	2022	Qatar Arch	Priority	1.2	465.6	13.8	92.5	3.7	52.0
7	7	1015	Volga-Ural Region	Priority	64.0	99.2	1.1	81.6	3.3	55.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
8	8	4025	North Sea Graben	Priority	44.1	160.6	6.0	76.9	3.1	58.4
9		5047	Western Gulf		26.9	251.6	7.5	76.2		
10		5044	Permian Basin		32.7	94.0	6.7	55.0		
11	9	6099	Maracaibo Basin	Priority	49.1	26.7	<0.1	53.6	2.2	60.6
12	10	7192	Niger Delta	Priority	34.8	93.9	2.8	53.3	2.1	62.7
13	11	6098	East Venezuela Basin	Priority	30.2	129.7	0.7	52.6	2.1	64.8
14	12	1016	North Caspian Basin	Priority	10.8	156.9	8.9	45.8	1.8	66.6
15	13	2043	Sirte Basin	Priority	36.7	37.7	0.1	43.1	1.7	68.4
16	14	5305	Villahermosa Uplift	Priority	35.0	41.3	0.1	42.0	1.7	70.1
17	15	1154	Amu-Darya Basin	Priority	0.8	230.4	1.2	40.3	1.6	71.7
18		5097	Gulf Cenozoic OCS		11.9	140.3	0.0	36.8		
19	16	5243	Alberta Basin	Priority	15.0	93.7	2.3	32.9	1.3	73.0
20	17	3127	Bohaiwan Basin	Priority	24.6	15.7	0.1	27.3	1.1	74.1
21	18	4035	Northwest German Basin	Priority	2.3	141.7	<0.1	25.9	1.0	75.1
22	19	2058	Grand Erg/Ahnet Basin	Priority	0.5	114.2	5.0	24.6	1.0	76.1
23	20	1112	South Caspian Basin	Priority	17.4	36.0	0.5	23.9	1.0	77.1
24		5001	Northern Alaska		14.4	33.0	1.1	21.0		
25		5058	Anadarko Basin		2.2	93.1	2.8	20.6		
26	21	2054	Trias/Ghadames Basin	Priority	15.3	25.1	1.0	20.5	0.8	77.9
27	22	1008	Timan-Pechora Basin	Priority	13.2	36.6	0.7	20.0	0.8	78.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
28	23	2023	Widyan Basin-Interior Platform	Priority	17.4	7.4	<0.1	18.7	0.8	79.5
29	24	7203	West-Central Coastal	Priority	14.5	12.2	0.1	16.6	0.7	80.1
30		5010	San Joaquin Basin		13.8	12.5	0.7	16.6		
31		5048	East Texas Basin		9.2	34.8	1.6	16.6		
32	25	3144	Songliao Basin	Priority	15.5	1.7	0.0	15.8	0.6	80.8
33		5049	Louisiana-Mississippi Salt Basins		7.1	42.8	1.3	15.6		
34	26	3702	Greater Sarawak Basin	Priority	0.8	82.3	0.4	14.9	0.6	81.4
35	27	1109	Middle Caspian Basin	Priority	9.6	28.7	0.1	14.4	0.6	81.9
36	28	3808	Central Sumatra Basin	Priority	13.2	3.9	<0.1	13.9	0.6	82.5
37	29	3701	Baram Delta/Brunei-Sabah Basin	Priority	6.9	36.2	0.2	13.1	0.5	83.0
38	30	8043	Bombay	Priority	8.4	24.2	0.3	12.7	0.5	83.5
39	31	4036	Anglo-Dutch Basin	Priority	0.6	71.7	0.1	12.7	0.5	84.0
40	32	2056	Illizi Basin	Priority	3.7	45.1	0.9	12.1	0.5	84.5
41	33	3703	Malay Basin	Priority	3.7	48.3	0.3	12.0	0.5	85.0
42		5043	Palo Duro Basin		1.8	48.4	2.1	11.9		
43	34	3817	Kutei Basin	Priority	2.9	45.8	1.3	11.8	0.5	85.5
44	35	1050	South Barents Basin	Priority	0.0	70.0	0.1	11.8	0.5	86.0
45	36	1009	Dnieper-Donets Basin	Priority	1.6	59.1	0.2	11.7	0.5	86.4

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
46	37	3948	Northwest Shelf	Priority	1.1	56.7	1.0	11.6	0.5	86.9
47	38	6035	Campos Basin	Priority	10.1	6.2	<0.1	11.2	0.4	87.3
48	39	2071	Red Sea Basin	Priority	9.2	8.5	0.3	10.9	0.4	87.8
49		5014	Los Angeles Basin		8.6	7.0	0.4	10.1		
50		5022	San Juan Basin		0.3	38.2	1.4	8.0		
51	40	5301	Tampico-Misantla Basin	Priority	6.9	6.7	<0.1	8.0	0.3	88.1
52		5045	Bend Arch-Fort Worth Basin		4.9	11.7	0.8	7.7		
53	41	6096	Llanos Basin	Priority	5.4	10.3	0.2	7.3	0.3	88.4
54	42	4061	Carpathian-Balkanian Basin	Priority	5.9	7.3	0.1	7.2	0.3	88.7
55	43	3115	Jungger Basin	Priority	6.8	2.4	0.0	7.2	0.3	89.0
56	44	6041	Putamayo-Orient-Maranon Basin	Priority	6.6	1.6	0.0	6.9	0.3	89.2
57	45	2020	Interior Homocline-Central Arch	Priority	4.9	9.9	0.3	6.8	0.3	89.5
58	46	5244	Williston Basin, Canada	Priority	3.6	18.2	0.1	6.7	0.3	89.8
59	47	2016	Fahud Salt Basin	Priority	4.5	10.0	0.2	6.3	0.3	90.0
60	48	3930	Gippsland Basin	Priority	3.9	9.8	0.7	6.2	0.2	90.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
61	49	6055	Neuquen Basin	Priority	2.4	20.7	0.3	6.2	0.2	90.5
62	50	1322	North Sakhalin Basin	Priority	2.2	22.4	0.2	6.1	0.2	90.8
63	51	1210	Nepa-Botuoba Arch	Priority	2.0	22.0	0.3	6.0	0.2	91.0
64	52	4017	Vestford-Helgeland	Priority	2.7	15.7	0.7	6.0	0.2	91.3
65	53	3822	North Sumatra Basin	Priority	0.7	25.6	0.9	5.9	0.2	91.5
66	54	6059	Magallenes Basin	Priority	1.2	24.8	0.2	5.6	0.2	91.7
67	55	2048	Pelagian Basin	Priority	2.2	17.2	0.1	5.2	0.2	91.9
68	56	4057	Transylvania	Priority	<0.1	30.7	0.0	5.1	0.2	92.1
69	57	2014	Ghaba Salt Basin	Priority	1.4	19.0	0.5	5.0	0.2	92.3
70	58	3824	Northwest Java Basin	Priority	3.2	8.1	0.2	4.7	0.2	92.5
71	59	4048	Pannonian Basin	Priority	2.2	13.8	0.1	4.6	0.2	92.7
72		5013	Ventura Basin		3.4	5.8	0.2	4.6		
73	60	3828	South Sumatra Basin	Priority	2.4	10.7	0.1	4.3	0.2	92.9
74	61	2004	Ma 'Rib-Al Jawf Basin	Priority	1.2	16.6	0.3	4.3	0.2	93.1
75	62	6045	Santa Cruz-Tarija Basin	Priority	0.3	18.8	0.6	4.1	0.2	93.2
76	63	6058	San Jorge Basin	Priority	3.3	3.6	<0.1	3.9	0.2	93.4
77		5037	Southwestern Wyoming		0.8	16.3	0.4	3.9		
78		5064	Illinois Basin		3.9	<0.1	0.0	3.9		
79	64	6103	Tobago Trough	Priority	<0.1	22.6	0.1	3.9	0.2	93.5
80		5061	Southern Oklahoma		3.1	2.7	0.2	3.8		
81	65	1108	Azov-Kuban Basin	Priority	0.5	18.6	0.1	3.7	0.1	93.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
82	66	4047	North Carpathian Basin	Priority	0.9	16.3	<0.1	3.7	0.1	93.8
83	67	8034	Assam	Priority	2.5	6.5	<0.1	3.6	0.1	94.0
84	68	4060	Po Basin	Priority	0.4	18.9	<0.1	3.6	0.1	94.1
85		5062	Arkoma Basin		0.9	15.6	<0.1	3.5		
86		5055	Nemaha Uplift		2.7	2.8	0.3	3.5		
87	69	8042	Indus	Priority	0.2	19.6	<0.1	3.5	0.1	94.3
88		5033	Powder River Basin		2.8	2.6	0.2	3.4		
89	70	6090	Middle Magdalena	Priority	2.4	5.0	0.1	3.3	0.1	94.4
90	71	3913	Browse Basin	Priority	<0.1	18.0	0.2	3.2	0.1	94.5
91	72	3910	Bonaparte Gulf Basin	Priority	0.5	13.3	0.4	3.2	0.1	94.6
92		5034	Big Horn Basin		2.7	1.8	<0.1	3.0		
93		5053	Cambridge Arch-Central Kansas Uplift		2.9	0.6	<0.1	3.0		
94	73	5245	Rocky Mountain Deformed Belt	Priority	0.2	13.8	0.4	2.9	0.1	94.8
95	74	1150	North Ustyurt Basin	Priority	2.4	2.4	<0.1	2.8	0.1	94.9
96	75	5304	Saline-Comalcalco Basin	Priority	2.4	2.2	0.0	2.7	0.1	95.0
97	76	5215	Labrador-Newfoundland Shelf	Priority	1.6	6.6	0.0	2.7	0.1	95.1
98		5031	Williston Basin, U.S.		2.1	2.4	0.2	2.7		

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
99	77	8025	Sulaiman-Kirthar		<0.1	15.8	<0.1	2.7	0.1	95.2
100		5003	Southern Alaska		1.3	7.5	<0.1	2.6		
101	78	6043	Madre dos Dios Basin		<0.1	10.8	0.7	2.5	0.1	95.3
102		5020	Uinta-Piceance Basin		1.6	4.7	0.1	2.5		
103	79	8048	Irrawaddy	Boutique	0.7	10.3	0.1	2.5	0.1	95.4
104	80	1175	Yenisey-Khatanga Basin		<0.1	14.2	0.1	2.5	0.1	95.5
105	81	2070	Mediterranean Basin		<0.1	12.5	0.4	2.5	0.1	95.6
106	82	2012	East Flank Oman Sub-basin		2.4	0.1	0.0	2.4	0.1	95.7
107	83	8047	Ganges-Brahmaputra Delta	Boutique	<0.1	14.3	0.1	2.4	0.1	95.8
108	84	3966	New Guinea Foreland Basin-Fold Belt		0.4	11.0	0.1	2.4	0.1	95.9
109	85	4033	German-Polish Basin		0.1	13.7	<0.1	2.4	0.1	96.0
110	86	4044	Pyrenean Foothills-Ebro Basin		0.1	12.6	0.1	2.3	0.1	96.1
111		5060	Cherokee Platform		2.1	1.4	<0.1	2.3		
112	87	2011	South Oman Salt Basin		2.2	0.5	<0.1	2.3	0.1	96.2
113	88	6081	Talara Basin		1.7	2.9	0.0	2.2	0.1	96.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
114	89	3805	Bintuni/Sulawati Province		0.5	9.5	<0.1	2.1	0.1	96.3
115		5063	Michigan Basin		1.1	3.9	0.2	2.0		
116	90	3507	Thai Basin		0.2	8.9	0.3	1.9	0.1	96.4
117	91	3142	Sichuan Basin	Boutique	0.1	10.8	<0.1	1.9	0.1	96.5
118	92	1214	Lena-Vilyuy Basin		0.0	10.4	0.2	1.9	0.1	96.6
119		5012	Santa Maria Basin		1.5	1.5	0.1	1.9		
120	93	6032	Reconcavo Basin		1.5	2.0	<0.1	1.9	0.1	96.6
121	94	4030	Irish Sea		0.2	9.6	<0.1	1.8	0.1	96.7
122	95	3924	Eromanga Basin		0.3	8.5	0.1	1.8	0.1	96.8
123		5039	Denver Basin		0.9	3.5	0.3	1.8		
124	96	3154	Tarim Basin	Boutique	0.7	5.0	0.2	1.7	0.1	96.9
125	97	3809	East Java Basin	Boutique	0.4	7.6	<0.1	1.7	0.1	96.9
126	98	3031	Taranaki Basin		0.2	7.2	0.2	1.7	0.1	97.0
127	99	3128	Ordos Basin	Boutique	0.7	5.6	0.0	1.6	0.1	97.1
128	100	5300	Burgos Basin		<0.1	8.1	0.2	1.6	0.1	97.1
129	101	4019	Faeroes-Shetland- Orkney Basin	Boutique	1.3	2.0	<0.1	1.6	0.1	97.2
130	102	3825	Penyu/West Natuna Basin	Boutique	0.6	5.7	<0.1	1.6	0.1	97.2

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
131	103	4015	Hammerfest-Varanger Basin		0.1	8.4	0.1	1.5	0.1	97.3
132		5009	Sacramento Basin		<0.1	9.2	<0.1	1.5		
133	104	2039	North Egypt Basin		0.7	4.2	0.2	1.5	0.1	97.4
134		5036	Wyoming Thrust Belt		0.2	4.0	0.7	1.5		
135	105	4046	Bohemia		0.9	3.3	<0.1	1.4	0.1	97.4
136	106	3505	Saigon Basin	Boutique	0.2	6.0	0.2	1.4	0.1	97.5
137	107	1156	Afghan-Tajik Basin		0.1	7.5	0.1	1.4	0.1	97.5
138	108	3159	Yingehai Basin		0.0	8.4	<0.1	1.4	0.1	97.6
139	109	1209	Angara-Lena Terrace	Boutique	0.0	8.1	0.1	1.4	0.1	97.7
140	110	4051	Alps		0.3	6.2	<0.1	1.4	0.1	97.7
141	111	3605	Palawan Shelf		0.2	5.6	0.2	1.4	0.1	97.8
142	112	2074	Khleisha Uplift		1.2	0.8	<0.1	1.4	0.1	97.8
143	113	2089	Anah Graben		1.2	1.2	<0.1	1.4	0.1	97.9
144	114	6051	Cuyo Basin		1.3	0.3	0.0	1.4	0.1	97.9
145	115	7146	Sud	Boutique	1.4	<0.1	0.0	1.4	0.1	98.0
146	116	1059	Ludlov Saddle		0.0	8.1	0.0	1.4	0.1	98.0
147	117	2038	Abu Gharadiq Basin		0.5	3.9	0.2	1.3	0.1	98.1
148	118	2075	Euphrates/Mardin		1.0	1.8	<0.1	1.3	0.1	98.1
149		5059	Sedgwick Basin		0.9	2.2	<0.1	1.3		
150	119	5306	Macuspana Basin		<0.1	5.9	0.2	1.2	<0.1	98.2

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
151	120	3503	Mekong/Cuulong/Vung Tau Basin		0.9	1.3	<0.1	1.2	<0.1	98.2
152	121	6092	Eastern Cordillera Basin		<0.1	5.0	0.3	1.1	<0.1	98.3
153	122	2045	Murzuk Basin		1.1	0.0	0.0	1.1	<0.1	98.3
154		5035	Wind River Basin		0.5	2.8	<0.1	1.1		
155	123	1159	Fergana Basin	Boutique	0.8	1.5	<0.1	1.1	<0.1	98.4
156	124	7303	Orange River Coastal	Boutique	<0.1	6.0	0.0	1.0	<0.1	98.4
157	125	3606	Pamusian Tarakan Basin		0.4	3.6	<0.1	1.0	<0.1	98.5
158	126	6097	Barinas-Apure Basin		1.0	0.0	0.0	1.0	<0.1	98.5
159	127	6089	Upper Magdalena		0.9	0.4	<0.1	1.0	<0.1	98.5
160	128	2047	Hamra Basin		0.8	0.9	0.0	1.0	<0.1	98.6
161	129	1207	Baykit Arch	Boutique	<0.1	5.1	0.1	0.9	<0.1	98.6
162	130	6029	Sergipe-Alagoas Basin		0.7	1.4	<0.1	0.9	<0.1	98.6
163		5028	North-Central Montana		0.5	2.3	<0.1	0.9		
164		5021	Paradox Basin		0.6	0.9	0.1	0.8		
165	131	5217	Scotian Shelf		<0.1	4.7	0.0	0.8	<0.1	98.7
166	132	4040	Anglo-Paris Basin		0.7	0.4	<0.1	0.8	<0.1	98.7
167	133	4058	Adriatic Basin		0.6	1.0	<0.1	0.8	<0.1	98.7
168	134	6027	Potigar Basin		0.6	0.9	<0.1	0.8	<0.1	98.8

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
169	135	1167	South Turgay Basin		0.7	0.5	0.0	0.8	<0.1	98.8
170	136	3130	Pearl River Mouth Basin		0.7	0.3	<0.1	0.8	<0.1	98.8
171	137	7363	South African Coastal		0.1	3.3	0.1	0.7	<0.1	98.9
172	138	7255	Somali		<0.1	4.2	<0.1	0.7	<0.1	98.9
173	139	3126	Nanyang Basin		0.7	0.0	0.0	0.7	<0.1	98.9
174	140	8026	Kohat-Potwar		0.3	1.9	<0.1	0.7	<0.1	98.9
175	141	3147	Subei Yellow Sea Basin		0.6	0.3	0.0	0.7	<0.1	99.0
176		5011	Central Coastal		0.6	0.1	<0.1	0.7		
177	142	6095	Guajira Basin		0.0	3.9	<0.1	0.7	<0.1	99.0
178	143	2077	Palmyra Zone		0.1	3.3	<0.1	0.6	<0.1	99.0
179	144	2009	Masila-Jeza Basin		0.6	<0.1	<0.1	0.6	<0.1	99.1
180	145	4066	Sicily		0.5	0.7	<0.1	0.6	<0.1	99.1
181	146	3131	Qaidam Basin		0.5	0.8	0.0	0.6	<0.1	99.1
182	147	7343	Mozambique Coastal	Boutique	0.0	3.7	0.0	0.6	<0.1	99.1
183	148	7183	Gulf of Guinea	Boutique	0.2	1.9	<0.1	0.6	<0.1	99.2
184	149	1010	Pripyat Basin		0.6	<0.1	0.0	0.6	<0.1	99.2
185	150	6036	Santos Basin		0.3	1.1	<0.1	0.5	<0.1	99.2
186	151	4049	Molasse Basin		0.1	2.2	<0.1	0.5	<0.1	99.2
187	152	3308	Niigata Basin		0.1	2.2	<0.1	0.5	<0.1	99.2
188	153	6011	Solimoes Basin		0.1	2.3	<0.1	0.5	<0.1	99.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
189		5065	Black Warrior Basin		<0.1	2.7	<0.1	0.5		
190	154	1165	Chu-Sarysu Basin		0.0	2.7	<0.1	0.5	<0.1	99.3
191	155	8045	Krishna-Godavari		0.2	1.4	<0.1	0.4	<0.1	99.3
192	156	2035	Nile Delta Basin		<0.1	2.4	<0.1	0.4	<0.1	99.3
193	157	1105	North Crimea Basin		<0.1	2.5	<0.1	0.4	<0.1	99.3
194	158	4021	Baltic Depression		0.4	0.1	0.0	0.4	<0.1	99.3
195	159	1113	Kura Basin		0.4	0.2	0.0	0.4	<0.1	99.4
196	160	2046	Fezzan Uplift		0.4	0.1	0.0	0.4	<0.1	99.4
197	161	3969	Papuan Basin-Shelf Platform		0.0	2.2	<0.1	0.4	<0.1	99.4
198	162	4045	Aquitaine Basin		0.4	<0.1	0.0	0.4	<0.1	99.4
199	163	3304	Japan Volcanic Arc/Accreted Terrane		0.1	1.6	<0.1	0.4	<0.1	99.4
200	164	3151	Taiwan Thrust and Fold Belt		<0.1	2.0	<0.1	0.4	<0.1	99.4
201	165	4026	Ireland-Scotland Platform		0.1	1.8	<0.1	0.4	<0.1	99.5
202	166	6107	Lesser Antilles Deformed Belt		0.3	0.1	0.0	0.4	<0.1	99.5
203	167	3109	East China Sea Basin		0.1	1.4	<0.1	0.3	<0.1	99.5
204	168	6100	Falcon Basin		0.2	0.8	<0.1	0.3	<0.1	99.5

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
205	169	4062	Tuscany-Latium-Paola		<0.1	2.0	0.0	0.3	<0.1	99.5
206	170	3103	Beibuwan Basin		0.3	0.1	<0.1	0.3	<0.1	99.5
207	171	5246	Mackenzie Foldbelt		0.2	0.4	0.0	0.3	<0.1	99.5
208	172	4083	Iberic Cordillera		0.3	0.2	<0.1	0.3	<0.1	99.5
209	173	6091	Lower Magdalena		0.1	1.3	<0.1	0.3	<0.1	99.6
210	174	3181	South China Continental Shelf Slope		<0.1	1.6	0.0	0.3	<0.1	99.6
211	175	3112	Jiangnan Basin		0.3	<0.1	0.0	0.3	<0.1	99.6
212	176	7273	Tanzania Coastal		0.0	1.8	0.0	0.3	<0.1	99.6
213	177	4064	West Black Sea Basin		0.1	0.8	<0.1	0.3	<0.1	99.6
214	178	3958	Surat Basin		<0.1	1.4	<0.1	0.3	<0.1	99.6
215		5098	Gulf Mesozoic OCS		<0.1	1.6	0.0	0.3		
216	179	5225	Algonquin Arch- Michigan Basin		0.1	1.2	0.0	0.3	<0.1	99.6
217		5066	Cincinnati Arch		0.1	1.0	0.0	0.3		
218	180	5323	Sabinas Basin		<0.1	1.5	<0.1	0.3	<0.1	99.6
219	181	6083	Progreso Basin		0.2	0.5	0.0	0.3	<0.1	99.7
220	182	3903	Amadeus Basin		<0.1	1.2	<0.1	0.3	<0.1	99.7
221	183	5317	Chicontepec Basin		0.3	<0.1	0.0	0.3	<0.1	99.7
222	184	2015	Central Oman Platform		0.1	1.0	<0.1	0.3	<0.1	99.7
223	185	7136	Benue		<0.1	1.3	<0.1	0.2	<0.1	99.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
224	186	6040	Ucayali Basin		<0.1	0.9	<0.1	0.2	<0.1	99.7
225	187	4016	Baltic Shield-Norwegian Caledonides		0.2	0.5	0.0	0.2	<0.1	99.7
226	188	3114	Jiuquan Minle Wuwei Basin		0.2	<0.1	0.0	0.2	<0.1	99.7
227	189	5302	Veracruz Basin	Boutique	0.1	0.6	<0.1	0.2	<0.1	99.7
228	190	6102	Cariaco Basin		<0.1	1.2	<0.1	0.2	<0.1	99.7
229	191	3306	Kanto Basin		0.0	1.3	0.0	0.2	<0.1	99.7
230	192	2006	Shabwah Basin		0.1	0.6	<0.1	0.2	<0.1	99.8
231	193	3508	Thailand Mesozoic Basin Belt		0.2	0.3	0.0	0.2	<0.1	99.8
232	194	3110	Erlian Basin		0.2	<0.1	0.0	0.2	<0.1	99.8
233		5056	Forest City Basin		0.2	<0.1	<0.1	0.2		
234	195	3950	Otway Basin		<0.1	1.2	<0.1	0.2	<0.1	99.8
235	196	3156	Turpan Basin		0.2	0.1	<0.1	0.2	<0.1	99.8
236	197	6046	Oran-Olmedo Basin		0.1	0.3	<0.1	0.2	<0.1	99.8
237	198	4023	Horda-Norwegian- Danish Basin		0.2	<0.1	0.0	0.2	<0.1	99.8
238	199	2031	Zagros Thrust Zone		0.2	0.0	0.0	0.2	<0.1	99.8
239	200	6034	Espirito Santo Basin		0.1	0.2	<0.1	0.2	<0.1	99.8
240	201	3804	Barito Basin		0.1	0.2	0.0	0.2	<0.1	99.8

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
241	202	6026	Caera Basin		0.1	0.2	<0.1	0.2	<0.1	99.8
242	203	4075	Aegean		0.1	0.3	<0.1	0.2	<0.1	99.8
243	204	6022	Foz de Amazonas Basin		<0.1	0.9	0.0	0.1	<0.1	99.8
244	205	8044	Cauvery		0.1	0.4	<0.1	0.1	<0.1	99.8
245	206	2033	Sinai Basin		0.1	<0.1	0.0	0.1	<0.1	99.9
246	207	7066	Chad		0.1	0.1	<0.1	0.1	<0.1	99.9
247	208	3124	Luxi Jiaoliao Uplift		0.1	<0.1	0.0	0.1	<0.1	99.9
248		5040	Las Animas Arch		0.1	0.1	<0.1	0.1		
249	209	3952	Perth Basin		<0.1	0.7	<0.1	0.1	<0.1	99.9
250	210	3833	Sumatra/Java Magmatic Arc		<0.1	0.5	<0.1	0.1	<0.1	99.9
251	211	3502	Khorat Platform		0.0	0.7	<0.1	0.1	<0.1	99.9
252	212	3146	South China Fold Belt		0.1	0.2	0.0	0.1	<0.1	99.9
253		5050	Florida Peninsula		0.1	<0.1	0.0	0.1		
254	213	3135	Qinling Dabieshan Fold Belt		0.1	0.0	0.0	0.1	<0.1	99.9
255	214	4055	Rhine Graben		0.1	<0.1	0.0	0.1	<0.1	99.9
256	215	1011	Russian Craton Margin		<0.1	0.5	<0.1	0.1	<0.1	99.9
257	216	3806	Bone Basin		0.0	0.6	0.0	0.1	<0.1	99.9
258		5067	Appalachian Basin		0.0	0.5	0.0	0.1		
259	217	4011	Svalbard High		0.0	0.5	0.0	0.1	<0.1	99.9

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
260	218	3611	Sulu Sea Basin		<0.1	0.4	<0.1	0.1	<0.1	99.9
261	219	1300	Anadyr Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
262	220	3153	Taixinan Basin		<0.1	0.5	<0.1	0.1	<0.1	99.9
263	221	2081	Lesser Caucasus		<0.1	0.3	<0.1	0.1	<0.1	99.9
264	222	3907	Bass Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
265	223	3803	Banda Arc		0.1	<0.1	0.0	0.1	<0.1	99.9
266	224	5242	Northern Interior Basins		0.0	0.4	0.0	0.1	<0.1	99.9
267	225	2085	Thrace/Samsun		<0.1	0.4	<0.1	0.1	<0.1	99.9
268	226	3832	Sumatra/Java Fore-Arc Basins		0.0	0.4	0.0	0.1	<0.1	99.9
269		5054	Salina Basin		0.1	0.1	0.0	0.1		
270	227	3303	Ishikari Hidaka Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
271	228	6021	Guyana Basin		0.1	0.0	0.0	0.1	<0.1	99.9
272	229	3316	Tsushima Basin		0.0	0.4	<0.1	0.1	<0.1	99.9
273	230	3301	Akita Basin		<0.1	<0.1	0.0	0.1	<0.1	99.9
274	231	2026	Jafr-Tabuk Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
275	232	3916	Carnarvon Basin		<0.1	0.1	0.0	0.1	<0.1	99.9
276	233	8023	Central Afghanistan		<0.1	0.3	0.0	0.1	<0.1	99.9
277		5019	Eastern Great Basin		<0.1	<0.1	0.0	<0.1		
278	234	5332	Salton Trough		0.0	0.3	<0.1	<0.1	<0.1	99.9

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
279	235	3161	Yunnan Guizhou Hubei Fold Belt		<0.1	<0.1	0.0	<0.1	<0.1	99.9
280	236	1158	Tian Shan Foldbelt		<0.1	<0.1	0.0	<0.1	<0.1	99.9
281	237	2032	Levantine Basin		<0.1	0.1	<0.1	<0.1	<0.1	99.9
282	238	2061	Ougarta Uplift		<0.1	<0.1	0.0	<0.1	<0.1	100.0
283		5029	Southwest Montana		<0.1	0.2	<0.1	<0.1		
284	239	2076	Haleb		<0.1	<0.1	0.0	<0.1	<0.1	100.0
285	240	2053	Atlas Uplift		<0.1	<0.1	<0.1	<0.1	<0.1	100.0
286	241	2029	Wadi-Surhan Basin	Boutique	0.0	0.2	0.0	<0.1	<0.1	100.0
287	242	4077	Alentejo-Guadalquivir Basin		0.0	0.2	0.0	<0.1	<0.1	100.0
288	243	3207	Temtsag Hailar Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
289	244	3821	North Banda Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
290	245	3305	Joban Basin		0.0	0.2	<0.1	<0.1	<0.1	100.0
291	246	8006	Tenasserim-Shan		<0.1	0.1	0.0	<0.1	<0.1	100.0
292	247	5310	Sierra Madre de Chiapas-Peten Foldbelt		<0.1	0.1	<0.1	<0.1	<0.1	100.0
293	248	1051	Kola Monocline- Finnmark Platform		<0.1	0.0	0.0	<0.1	<0.1	100.0
294	249	4012	Central Barents Platform		0.0	0.2	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
295	250	2072	Rif Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
296	251	1203	Tunguska Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
297	252	3819	Meratus High		<0.1	0.1	0.0	<0.1	<0.1	100.0
298	253	4038	Munsterland Basin		0.0	0.2	0.0	<0.1	<0.1	100.0
299	254	6063	Malvinas Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
300		5024	Northern Arizona		<0.1	<0.1	<0.1	<0.1		
301	255	4070	Spanish Trough- Cantabrian Zone		<0.1	<0.1	0.0	<0.1	<0.1	100.0
302	256	2064	Essaouni Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
303	257	3829	Sulawesi Accretionary Prism		0.0	0.1	<0.1	<0.1	<0.1	100.0
304	258	3160	Yinshan Da and Xiao Hingganling Uplift		<0.1	0.1	0.0	<0.1	<0.1	100.0
305	259	3162	Zhangguangcailing Uplift		<0.1	<0.1	0.0	<0.1	<0.1	100.0
306	260	1328	Tatar Strait Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
307		5007	Northern Coastal		<0.1	0.1	0.0	<0.1		
308	261	3125	Nanpanjiang Depression		<0.1	<0.1	0.0	<0.1	<0.1	100.0
309	262	1311	West Kamchatka Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
310	263	3802	Bali Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
311	264	6033	Bahia Sul Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
312		5038	Park Basins		<0.1	<0.1	0.0	<0.1		
313	265	7013	Senegal	Boutique	<0.1	<0.1	0.0	<0.1	<0.1	100.0
314	266	3118	Kunlunshan Fold Belt		<0.1	<0.1	0.0	<0.1	<0.1	100.0
315	267	3609	Reed Bank Basin		0.0	0.1	<0.1	<0.1	<0.1	100.0
316	268	3204	Gobi Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
317	269	1103	Dobrogea Foreland		<0.1	<0.1	0.0	<0.1	<0.1	100.0
318	270	3810	East Natuna Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
319	271	3823	Northern Irian Jaya Waropen Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
320	272	4027	Midland Valley-Forth Approaches Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
321	273	1211	Cis-Patom Foredeep	Boutique	0.0	0.1	0.0	<0.1	<0.1	100.0
322	274	2060	Reggane Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
323	275	3113	Jiangnan South Jiangsu Fold Belt		0.0	0.1	0.0	<0.1	<0.1	100.0
324	276	5320	Parras Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
325	277	3911	Bowen Basin		0.0	0.1	<0.1	<0.1	<0.1	100.0
326	278	3140	Shanxi Plateau		0.0	0.1	0.0	<0.1	<0.1	100.0
327	279	7373	Morondava		0.0	0.1	<0.1	<0.1	<0.1	100.0
328	280	2101	Arabian Shield		<0.1	0.1	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
329	281	4013	Barents Continental Slope		0.0	0.1	0.0	<0.1	<0.1	100.0
330	282	4028	Mid-North Sea High		0.0	0.1	0.0	<0.1	<0.1	100.0
331	283	8005	Indo-Burman		0.0	0.1	0.0	<0.1	<0.1	100.0
332	284	8002	Himalayan		<0.1	0.1	0.0	<0.1	<0.1	100.0
333		5004	Western Oregon-Washington		0.0	0.1	0.0	<0.1		
334		5046	Marathon Thrust Belt		<0.1	<0.1	<0.1	<0.1		
335	285	2007	Sharmah Rift Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
336	286	1302	Khatyrka Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
337	287	5308	Yucatan Platform		<0.1	0.1	0.0	<0.1	<0.1	100.0
338	288	2040	Cyrenaica Uplift		0.0	0.1	0.0	<0.1	<0.1	100.0
339	289	3310	Ryukyu Volcanic Arc		0.0	0.1	0.0	<0.1	<0.1	100.0
340	290	3815	Java/Banda Sea		<0.1	<0.1	0.0	<0.1	<0.1	100.0
341	291	6023	Santana Platform		<0.1	<0.1	0.0	<0.1	<0.1	100.0
342	292	6074	Central Chile Forearc Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
343	293	6031	Tucano Basin		<0.1	<0.1	<0.1	<0.1	<0.1	100.0
344	294	3312	Sea Of Japan Backarc Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
345	295	3914	Canning Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
346	296	1204	Turukhan-Norilsk Folded Zone		<0.1	<0.1	0.0	<0.1	<0.1	100.0
347	297	1111	Rioni Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
348	298	6012	Amazonas Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
349	299	2079	Adana/Sivas		<0.1	<0.1	0.0	<0.1	<0.1	100.0
350	300	3149	Taihangshan Yanshan Fold Belt		<0.1	0.0	0.0	<0.1	<0.1	100.0
351	301	2052	Tellian Foredeep		<0.1	<0.1	0.0	<0.1	<0.1	100.0
352	302	3602	Cagayan Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
353	303	3816	Ketuneau/Sintang Terrane		<0.1	<0.1	0.0	<0.1	<0.1	100.0
354	304	1327	Aniva Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
355	305	3007	Great South Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
356	306	8035	North Burma		<0.1	<0.1	0.0	<0.1	<0.1	100.0
357	307	3801	Arafura Basin-Irian Jaya		0.0	<0.1	0.0	<0.1	<0.1	100.0
358	308	1223	Upper Bureya Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
359	309	3612	Visayan		<0.1	<0.1	0.0	<0.1	<0.1	100.0
360	310	3704	Malay Peninsula		<0.1	<0.1	0.0	<0.1	<0.1	100.0
361	311	5236	Parry Island Foldbelt		<0.1	0.0	0.0	<0.1	<0.1	100.0
362	312	3102	Altunshan Fold Belt		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
363	313	3136	Qiongdongnan Basin		<0.1	0.0	0.0	<0.1	100.0	
364	314	3404	Korba Bay Basin		<0.1	0.0	0.0	<0.1	100.0	
365	315	2034	South Harrah Volcanics		<0.1	0.0	0.0	<0.1	100.0	
366		5008	Sonoma-Livermore Basin		<0.1	0.0	0.0	<0.1		
367	316	6020	Parana Basin		<0.1	<0.1	0.0	<0.1	100.0	
368		5027	Montana Thrust Belt		0.0	<0.1	<0.1	<0.1		
369	317	4071	Dinaric Alps		<0.1	<0.1	<0.1	<0.1	100.0	
370	318	1004	Belorussian-Voronezh High		<0.1	0.0	0.0	<0.1	100.0	
371	319	3134	Qilianshan Fold Belt		<0.1	0.0	0.0	<0.1	100.0	
372	320	3959	Sydney Basin		0.0	<0.1	0.0	<0.1	100.0	
373	321	5321	Coahuila Platform		0.0	<0.1	0.0	<0.1	100.0	
374	322	4052	Jura		<0.1	<0.1	0.0	<0.1	100.0	
375	323	6025	Barreieinas Basin		<0.1	<0.1	0.0	<0.1	100.0	
376	324	4082	Tajo-Duero Basin		<0.1	<0.1	0.0	<0.1	100.0	
377	325	2078	Beirut		0.0	<0.1	0.0	<0.1	100.0	
378	326	3608	Philippine Magmatic Arc		<0.1	0.0	0.0	<0.1	100.0	

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
379	327	3837	Zambalez/Central Luzon Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
380	328	3919	Clarence-Moreton Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
381	329	2050	Tellian Uplift		<0.1	0.0	0.0	<0.1	<0.1	100.0
382	330	3940	Maryborough Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
383	331	6094	Cesar Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
384	332	6065	Altiplano Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
385	333	3021	New Zealand Orogenic Belt		<0.1	<0.1	0.0	<0.1	<0.1	100.0
386	334	3311	Sagara Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
387	335	4043	Massif Central		<0.1	0.0	0.0	<0.1	<0.1	100.0
388	336	5322	Burros Uplift		0.0	<0.1	0.0	<0.1	<0.1	100.0
389	337	2066	Aaiun-Tarfaya Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
390	338	3108	Cuoqing Lupola Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
391	339	3929	Georgina Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
392	340	5314	Jalisco-Oaxaca Platform		<0.1	0.0	0.0	<0.1	<0.1	100.0
393	341	4039	Southwest German Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
394	342	6069	Temuco Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
395	343	5316	Trans-mexican Neovolcanic Axis		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
396	344	4056	Lion-Camargue		<0.1	0.0	0.0	<0.1	100.0	
397	345	3122	Lhasa Terrane		<0.1	0.0	0.0	<0.1	100.0	
398	346	6093	Perija-Venezuela- Coastal Ranges		<0.1	0.0	0.0	<0.1	100.0	
399	347	5334	Vizcaino Basin		<0.1	0.0	0.0	<0.1	100.0	
400	348	6010	Tacutu Basin		<0.1	0.0	0.0	<0.1	100.0	
401	349	8003	Indian Shield		<0.1	0.0	0.0	<0.1	100.0	
402	350	1018	Mugodzhary-South Emba		0.0	0.0	0.0	0.0	100.0	
403	351	1106	Northeast Black Sea Shelf		0.0	0.0	0.0	0.0	100.0	
404	352	1153	Karabogaz-Karakum High		0.0	0.0	0.0	0.0	100.0	
405	353	5234	Sverdrup Basin	Boutique	0.0	0.0	0.0	0.0	100.0	
406	354	5239	Mackenzie Delta		0.0	0.0	0.0	0.0	100.0	
		1060	North Barents Basin	Boutique	nd	nd	nd	nd		
		4068	Provence Basin	Boutique	nd	nd	nd	nd		
		5200	East Greenland Rift Basins	Boutique	nd	nd	nd	nd		
		5207	Baffin Basin	Boutique	nd	nd	nd	nd		
		7355	Karoo	Boutique	nd	nd	nd	nd		

Table 1. Ranking of world oil and gas provinces (continued).

Rank excl. of Rank U.S.	Province Code	Province Name	Assessment Type	<u>Known Petroleum Volumes</u>				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
				Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
		Total		1608.3	6753.4	109.4	2844.8		
		U.S.		171.7	908.6	29.4	354.1		
		Total w/o U.S.		1436.6	5844.7	79.9	2490.7		

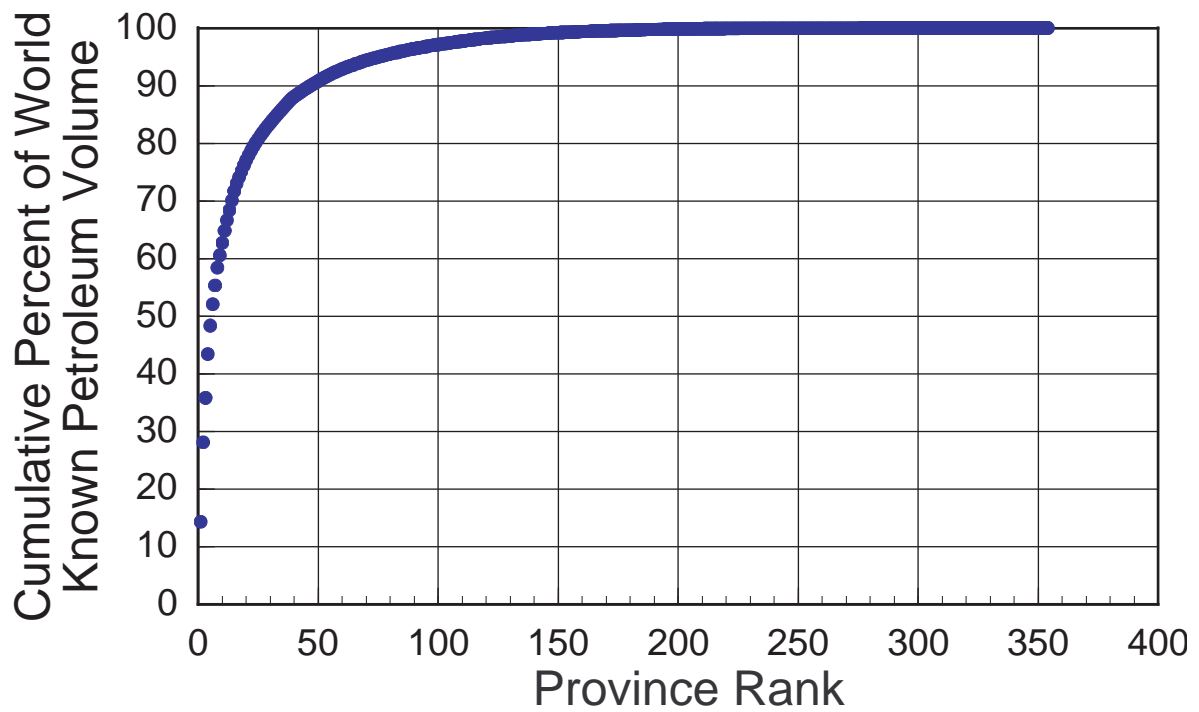


Figure 1. Cumulative percent of world known petroleum volume by ranked oil and gas provinces (exclusive of the U.S.). For identification of provinces by rank, see **Table 1**.

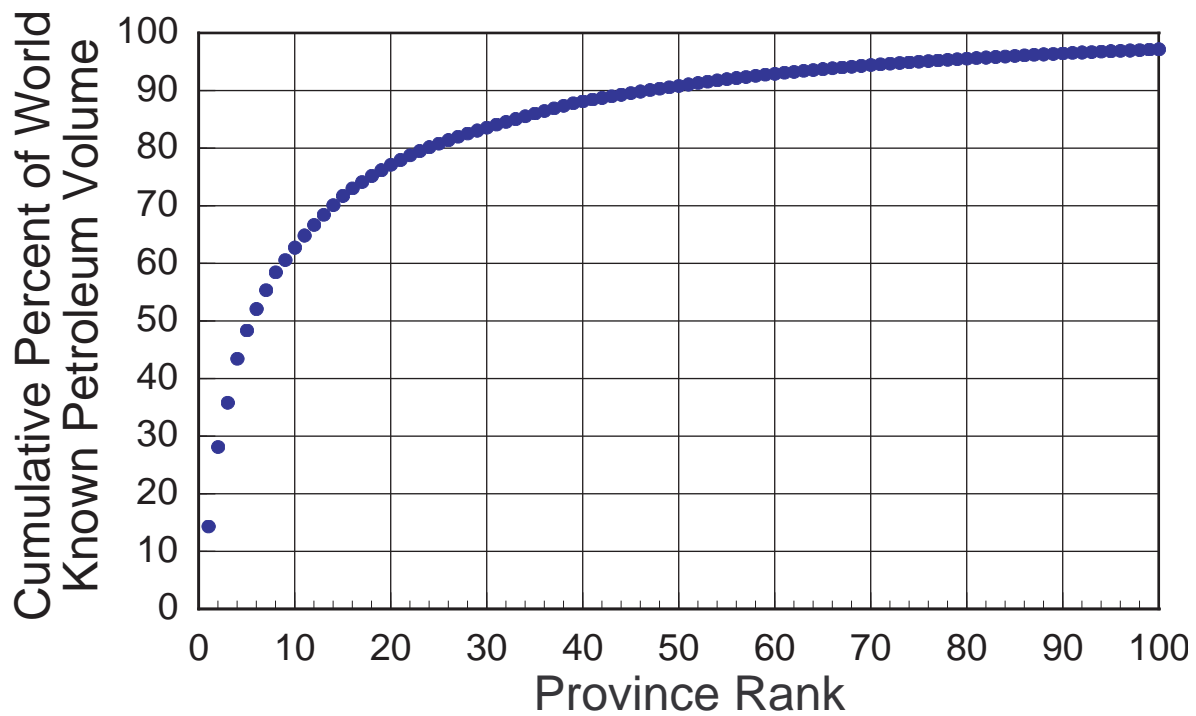


Figure 2. Cumulative percent of world known petroleum volume by the 100 top-ranked oil and gas provinces (exclusive of the U.S.). For identification of provinces by rank, see **Table 1**.

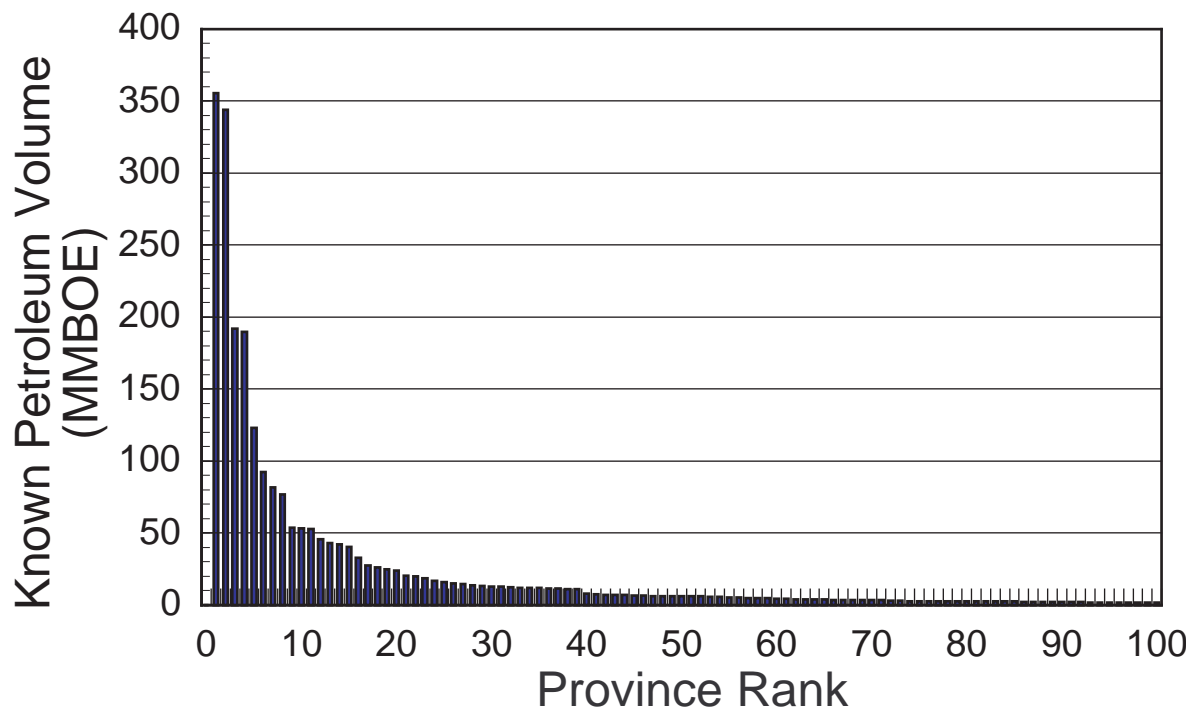


Figure 3. Histogram showing volumes of known petroleum by the 100 top-ranked oil and gas provinces (exclusive of the U.S.). For identification of provinces by rank, see **Table 1**.

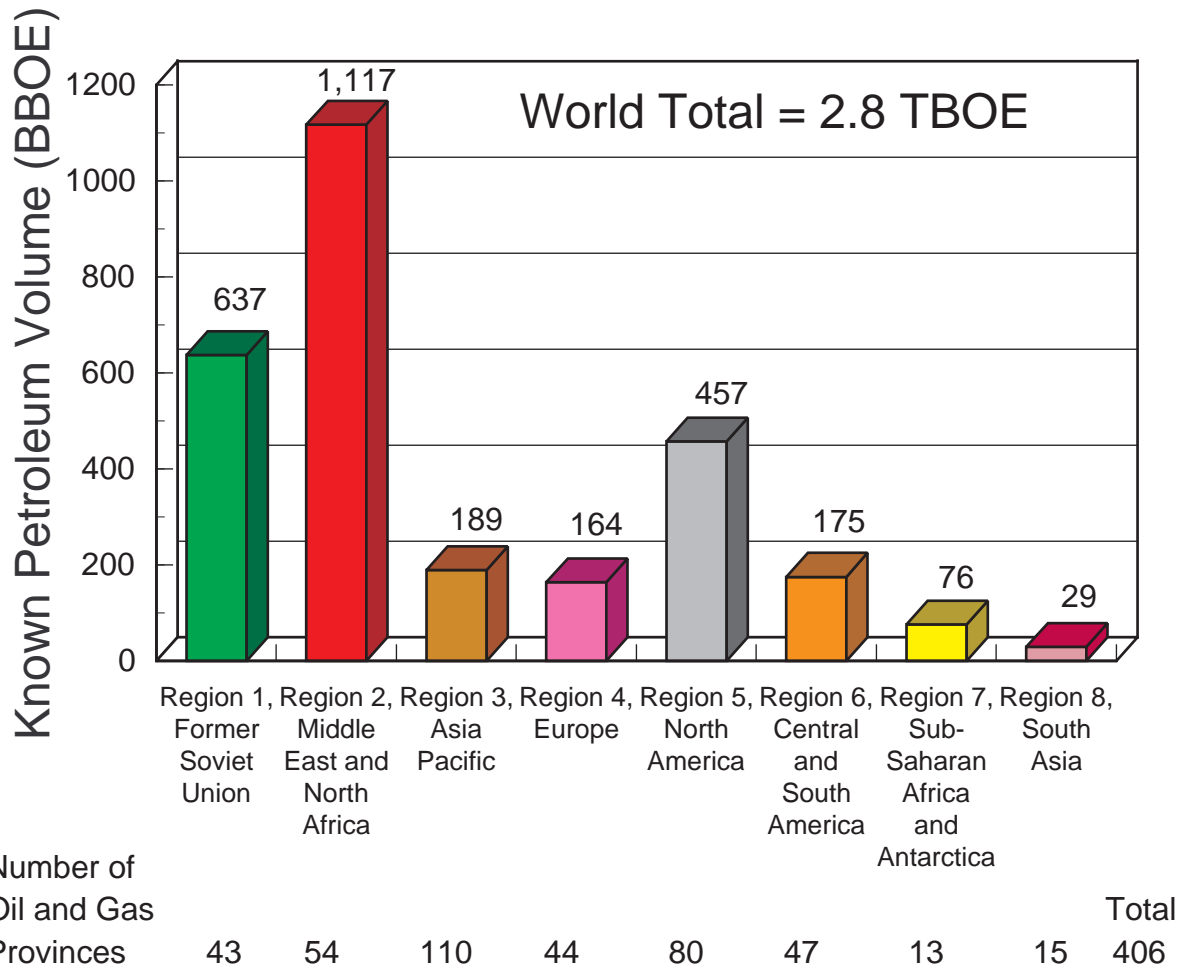


Figure 4. Histogram showing known petroleum volumes of the world by region. The number of provinces in each region that contain known oil and gas are shown. The United States known petroleum volume is included in Region 5. [BBOE is billion barrels of oil equivalent. For this calculation, 6,000 cubic feet of gas equals 1 barrel of oil equivalent.]

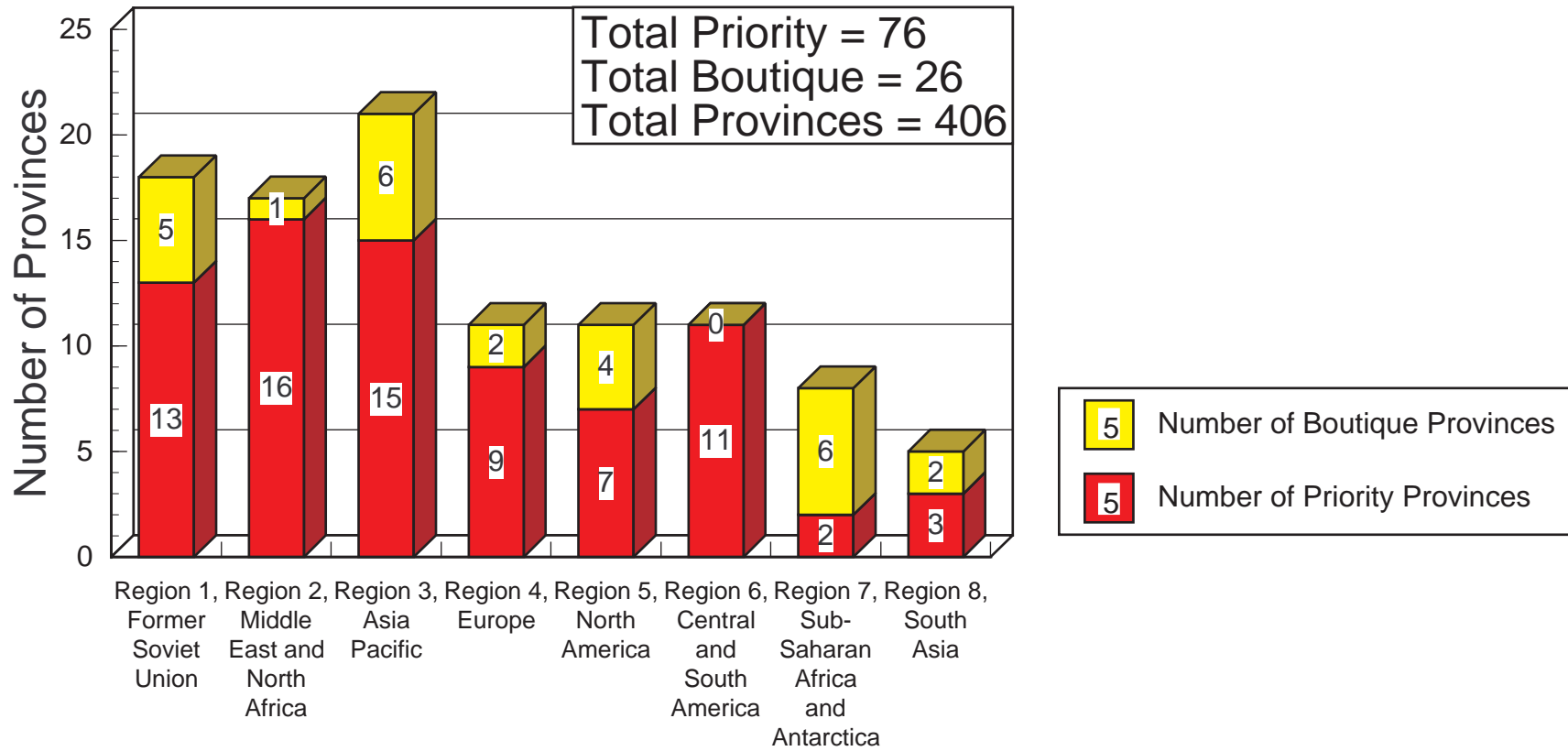


Figure 5. Histogram showing number of priority and boutique provinces to be assessed in each region (see Table 1).

Appendix A. Geologic provinces of the world by region - a coded list. [For locations, see **Plate 1**. In the four-digit numeric code, the first digit represents the region. Province names are descriptive.]

- A1.** A list of geologic provinces of the world by code number with rank of oil and gas provinces. [For list of ranked provinces, see **Table 1**. The first digit of the code represents region.]
- A2.** An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces. [For list of ranked provinces, see **Table 1**. The first digit of the code represents region.]

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces. [For list of ranked provinces, see [Table 1](#). The first digit of the code represents region.]

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
Region 1, Former Soviet Union (141 Provinces)				
1003	Moscow Basin			
1004	Belorussian-Voronezh High		370	318
1005	Kotelnich Arch			
1006	Mezen Basin			
1007	Timan High			
1008	Timan-Pechora Basin	Priority	27	22
1009	Dnieper-Donets Basin	Priority	45	36
1010	Pripyat Basin		184	149
1011	Russian Craton Margin		256	215
1012	Poles Saddle			
1013	Ukrainian Shield			
1014	Donbass Foldbelt			
1015	Volga-Ural Region	Priority	7	7
1016	North Caspian Basin	Priority	14	12
1017	Ural-Novaya Zemlya Foldbelt			
1018	Mugodzhary-South Emba		402	350
1050	South Barents Basin	Priority	44	35
1051	Kola Monocline-Finnmark Platform		293	248
1059	Ludlov Saddle		146	116
1060	North Barents Basin	Boutique		
1061	Admiralty Arch			
1062	Novaya Zemlya Monocline			
1064	Grumant Uplift			
1065	North Novaya Zemlya Basin			
1066	St. Anna Basin			
1067	Vize High			
1068	Ushakov High			
1069	Uedineniya Basin			
1070	Central Kara High			
1071	Schmidt Basin			
1072	Severnaya Zemlya High			
1102	Black Sea Deep-Water Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
1103	Dobrogea Foreland		317	269
1104	Crimea High			
1105	North Crimea Basin		193	157
1106	Northeast Black Sea Shelf		403	351
1107	Black Sea Continental Slope			
1108	Azov-Kuban Basin	Priority	81	65
1109	Middle Caspian Basin	Priority	35	27
1110	Great Caucasus Foldbelt			
1111	Rioni Basin		347	297
1112	South Caspian Basin	Priority	23	20
1113	Kura Basin		195	159
1117	Arctic Ocean Slope			
1150	North Ustyurt Basin	Priority	95	74
1151	East Aral Basin			
1152	Mangyshlak-Ustyurt Foldbelt			
1153	Karabogaz-Karakum High		404	352
1154	Amu-Darya Basin	Priority	17	15
1155	Kopet-Dag Foldbelt			
1156	Afghan-Tajik Basin		137	107
1157	Pamir High			
1158	Tian Shan Foldbelt		280	236
1159	Fergana Basin	Boutique	155	123
1160	Alay Basin			
1161	Naryn Basin			
1162	Issyk-Kul Basin			
1163	West Ili Basin			
1164	East Ili Basin			
1165	Chu-Sarysu Basin		190	154
1166	Turgay Depression			
1167	South Turgay Basin		169	135
1168	Central Kazakhstan Folded Region			
1169	Alakol Basin			
1170	Zaysan Basin			
1171	Kuznetsk Basin			
1172	North Minusa Basin			
1173	South Minusa Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
1174	West Siberian Basin	Priority	1	1
1175	Yenisey-Khatanga Basin		104	80
1176	Taimyr-Kara High			
1177	Syr-Darya Basin			
1178	East Aral Slope			
1200	Anabar Basin			
1201	Khatanga Saddle			
1202	Anabar-Olenek High			
1203	Tunguska Basin		296	251
1204	Turukhan-Norilsk Folded Zone		346	296
1205	Turukhan-Igarka Uplift			
1206	Yenisey Ridge			
1207	Baykit Arch	Boutique	161	129
1208	Cis-Sayan Basin			
1209	Angara-Lena Terrace	Boutique	139	109
1210	Nepa-Botuoba Arch	Priority	63	51
1211	Cis-Patom Foredeep	Boutique	321	273
1212	Kempendiay Region			
1214	Lena-Vilyuy Basin		118	92
1215	Aldan Uplift			
1216	Aldan Shield			
1217	Upper Zeya Basin			
1218	Laptev Shelf			
1219	Altay-Sayan Folded Region			
1220	Bureya-Dunbey Region			
1222	Zeya-Bureya Basin			
1223	Upper Bureya Basin		358	308
1224	Sikhote-Alin Folded Region			
1225	Suifun Basin			
1226	Khanka Basin			
1227	Middle Amur Basin			
1230	Baikal-Patom Folded Region			
1250	Verkhoyan-Chukotka Folded Region			
1251	Zyryanka Basin			
1252	Moma Basin			
1253	Ayon Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
1254	Blagoveshchensk Basin			
1255	Anzhu Uplift			
1256	Novosibirsk Basin			
1257	De Long High			
1258	North Chukchi Basin			
1259	Wrangel Basin			
1260	Wrangel-Herald Uplift			
1261	South Chukchi-Hope Basin			
1300	Anadyr Basin		261	219
1301	Gangut High			
1302	Khatyrka Basin		336	286
1303	Penzhina Basin			
1304	Koryak-Kamchatka Foldbelt			
1305	Kinkil Basin			
1306	Talov Uplift			
1307	Gizhigin Basin			
1308	Koni-Tayganos Uplift			
1309	North Okhotsk Group of Basins			
1310	Tinro Basin			
1311	West Kamchatka Basin		309	262
1312	Central Kamchatka Group of Basins			
1313	East Kamchatka Uplift			
1314	Olyutor Basin			
1315	East Kamchatka Basin			
1316	Kuril-Kamchatka Slope			
1317	Onekotan Basin			
1318	South Kuril Basin			
1319	Central Okhotsk High			
1320	South Okhotsk Basin			
1321	Deryugin Basin			
1322	North Sakhalin Basin	Priority	62	50
1323	East Sakhalin Uplift			
1324	Terpeniya Bay Basin			
1325	West Sakhalin Uplift			
1326	Susunay Uplift			
1327	Aniva Basin		354	304

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
1328	Tatar Strait Basin		306	260
Region 2, Middle East and North Africa (88 Provinces)				
2001	Yemen Volcanic Basin (North)			
2002	Yemen Volcanic Basin (South)			
2003	Hays Structural Belt			
2004	Ma 'Rib-Al Jawf Basin	Priority	74	61
2005	Mukalla Rift Basin			
2006	Shabwah Basin		230	192
2007	Sharmah Rift Basin		335	285
2008	Masirah Trough			
2009	Masila-Jeza Basin		179	144
2010	Ghudun-Khasfeh Flank Province			
2011	South Oman Salt Basin		112	87
2012	East Flank Oman Sub-basin		106	82
2013	Huqf-Haushi Uplift			
2014	Ghaba Salt Basin	Priority	69	57
2015	Central Oman Platform		222	184
2016	Fahud Salt Basin	Priority	59	47
2017	Oman Mountains			
2018	Gulf of Oman Basin			
2019	Rub Al Khali Basin	Priority	5	5
2020	Interior Homocline-Central Arch	Priority	57	45
2021	Greater Ghawar Uplift	Priority	3	3
2022	Qatar Arch	Priority	6	6
2023	Widyan Basin-Interior Platform	Priority	28	23
2024	Mesopotamian Foredeep Basin	Priority	2	2
2025	Hail-Ga'Ara Arch			
2026	Jafr-Tabuk Basin		274	231
2027	North Harrah Volcanics			
2028	Rutbah Uplift			
2029	Wadi-Surhan Basin	Boutique	286	241
2030	Zagros Fold Belt	Priority	4	4
2031	Zagros Thrust Zone		238	199
2032	Levantine Basin		281	237

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
2033	Sinai Basin		245	206
2034	South Harrah Volcanics		365	315
2035	Nile Delta Basin		192	156
2036	Syrian Arch			
2037	Upper Egypt Basin			
2038	Abu Gharadiq Basin		147	117
2039	North Egypt Basin		133	104
2040	Cyrenaica Uplift		338	288
2041	Cyrenaicia Basin			
2043	Sirte Basin	Priority	15	13
2044	Nubian Uplift			
2045	Murzuk Basin		153	122
2046	Fezzan Uplift		196	160
2047	Hamra Basin		160	128
2048	Pelagian Basin	Priority	67	55
2049	Nefusa Uplift			
2050	Tellian Uplift		381	329
2051	Hauts Basin			
2052	Tellian Foredeep		351	301
2053	Atlas Uplift		285	240
2054	Trias/Ghadames Basin	Priority	26	21
2056	Illizi Basin	Priority	40	32
2057	Thiemboka Uplift			
2058	Grand Erg/Ahnet Basin	Priority	22	19
2060	Reggane Basin		322	274
2061	Ougarta Uplift		282	238
2062	Atlas Basin			
2063	Rabat Basin			
2064	Essaouni Basin		302	256
2065	Canary Islands			
2066	Aaiun-Tarfaya Basin		389	337
2067	Tindouf Basin			
2068	Reguibate Uplift			
2069	Guercif Basin			
2070	Mediterranean Basin		105	81
2071	Red Sea Basin	Priority	48	39

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
2072	Rif Basin		295	250
2073	North Red Sea Shield			
2074	Khleisha Uplift		142	112
2075	Euphrates/Mardin		148	118
2076	Haleb		284	239
2077	Palmyra Zone		178	143
2078	Beirut		377	325
2079	Adana/Sivas		349	299
2080	Araks			
2081	Lesser Caucasus		263	221
2083	Tuz/Corum			
2084	Kardiff/Menders Massif			
2085	Thrace/Samsun		267	225
2089	Anah Graben		143	113
2091	Central Iranian Basins			
2092	Central Iranian Microcontinents			
2093	Lut Block and Depression			
2094	Alborz Fold Belt			
2101	Arabian Shield		328	280
2102	Mirbat Precambrian Basement			

Region 3, Asia Pacific (261 Provinces)

3001	Bau Waters Basin			
3002	Bellona Plateau			
3003	Bligh Water Basin			
3004	Shorland Basin			
3005	Solomon Islands			
3006	Fiji Ridge			
3007	Great South Basin		355	305
3008	Hikurani Trough			
3010	Kermadec Ridge			
3011	Lord Howe Rise			
3012	Loyalty Island Ridge			
3013	Melanesia Border Plateau			
3014	East Ontong Java Rise			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3015	Indispensable Reef			
3016	Russell Basin			
3017	Mellish Reef			
3018	New Caledonia			
3019	New Hebrides Arc			
3020	New Zealand East Coast Basin			
3021	New Zealand Orogenic Belt		385	333
3022	Norfolk Island Ridge			
3023	Northland Basin			
3024	Samoa Basin			
3025	Solander-Waiiau Basin			
3026	Three Kings Rise			
3027	Tonga Ridge			
3028	Vanikoro Basin			
3029	Waikato Basin			
3030	Wanganui Basin			
3031	Taranaki Basin		126	98
3101	Alashan Yinshan Fold Belt			
3102	Altunshan Fold Belt		362	312
3103	Beibuwan Basin		206	170
3105	Bogdashan Fold Belt			
3106	Bose Basin			
3107	Chuxiong Basin			
3108	Cuoqing Lupola Basin		390	338
3109	East China Sea Basin		203	167
3110	Erlian Basin		232	194
3112	Jiangnan Basin		211	175
3113	Jiangnan South Jiangsu Fold Belt		323	275
3114	Jiuquan Minle Wuwei Basin		226	188
3115	Jungger Basin	Priority	55	43
3116	Karamay Thrust Belt			
3117	Kumukulig Basin			
3118	Kunlunshan Fold Belt		314	266
3119	Lanping Simao Basin			
3120	Leidong Basin			
3121	Lhasa Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3122	Lhasa Terrane		397	345
3124	Luxi Jiaoliao Uplift		247	208
3125	Nanpanjiang Depression		308	261
3126	Nanyang Basin		173	139
3127	Bohaiwan Basin	Priority	20	17
3128	Ordos Basin	Boutique	127	99
3130	Pearl River Mouth Basin		170	136
3131	Qaidam Basin		181	146
3132	Qiangtang Tanggula Basin			
3133	Qiangtang Terrane			
3134	Qilianshan Fold Belt		371	319
3135	Qinling Dabieshan Fold Belt		254	213
3136	Qiongdongnan Basin		363	313
3137	Qabdu Basin			
3138	Ushumun Basin			
3139	Sanshui Basin			
3140	Shanxi Plateau		326	278
3141	Shiwan Dashan Basin			
3142	Sichuan Basin	Boutique	117	91
3143	Songpan Ganzi Fold Belt			
3144	Songliao Basin	Priority	32	25
3146	South China Fold Belt		252	212
3147	Subei Yellow Sea Basin		175	141
3148	Sulongshan Fold Belt			
3149	Taihangshan Yanshan Fold Belt		350	300
3150	Taikang Hefei Basin			
3151	Taiwan Thrust and Fold Belt		200	164
3152	Taiwan Melange Belt			
3153	Taixinan Basin		262	220
3154	Tarim Basin	Boutique	124	96
3156	Turpan Basin		235	196
3157	Xichang Yunnan Fold Belt			
3158	Xisha Trough			
3159	Yingehai Basin		138	108
3160	Yinshan Da and Xiao Hingganling Uplift		304	258
3161	Yunnan Guizhou Hubei Fold Belt		279	235

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3162	Zhangguangcailing Uplift		305	259
3164	Mohe Basin			
3165	Heilongjiang Basin			
3166	Erlian Uplift			
3167	South China Ocean Basin			
3168	Longmenshan Dabashan Fold Belt			
3169	Yitong Graben			
3180	Bijianan Basin			
3181	South China Continental Shelf Slope		210	174
3202	Mongol-Okhotsk Folded Region			
3203	Choybalsan Basin			
3204	Gobi Basin		316	268
3205	Nyalga Basin			
3207	Temtsag Hailar Basin		288	243
3208	Great Lake Basin			
3209	Great Lake Uplift			
3210	Ulan Bator Basin			
3301	Akita Basin		273	230
3302	Honshu Ridge			
3303	Ishikari Hidaka Basin		270	227
3304	Japan Volcanic Arc/Accreted Terrane		199	163
3305	Joban Basin		290	245
3306	Kanto Basin		229	191
3307	Miyazaki Basin			
3308	Niigata Basin		187	152
3309	Okinawa Trough			
3310	Ryukyu Volcanic Arc		339	289
3311	Sagara Basin		386	334
3312	Sea Of Japan Backarc Basin		344	294
3313	Sinzi Uplift			
3314	Tokachi Basin			
3315	Tottori Basin			
3316	Tsushima Basin		272	229
3401	Gensan Basin			
3402	Gyeongsang Basin			
3403	Huskan Platform			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3404	Korba Bay Basin		364	314
3405	Korean Craton			
3406	Korean Continental Shelf			
3501	Central Vietnam Basin			
3502	Khorat Platform		251	211
3503	Mekong/Cuulong/Vung Tau Basin		151	120
3504	Panjang/Cardomomes Basin			
3505	Saigon Basin	Boutique	136	106
3506	South China Sea Platform			
3507	Thai Basin		116	90
3508	Thailand Mesozoic Basin Belt		231	193
3509	Tonle Sap-Phnom Penh Basin			
3510	Truong Son Fold Belt			
3520	Tagaung Myitkyina Fold Belt			
3601	Bicol Shelf Basin			
3602	Cagayan Basin		352	302
3603	Cotabato Basin			
3605	Palawan Shelf		141	111
3606	Pamusian Tarakan Basin		157	125
3607	Philippine Accretionary Prism			
3608	Philippine Magmatic Arc		378	326
3609	Reed Bank Basin		315	267
3610	Sulu Arch			
3611	Sulu Sea Basin		260	218
3612	Visayan		359	309
3701	Baram Delta/Brunei-Sabah Basin	Priority	37	29
3702	Greater Sarawak Basin	Priority	34	26
3703	Malay Basin	Priority	41	33
3704	Malay Peninsula		360	310
3705	Rajang-Crocker Accretionary Prism			
3801	Arafura Basin-Irian Jaya		357	307
3802	Bali Basin		310	263
3803	Banda Arc		265	223
3804	Barito Basin		240	201
3805	Bintuni/Sulawati Province		114	89
3806	Bone Basin		257	216

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3807	Celebes Sea			
3808	Central Sumatra Basin	Priority	36	28
3809	East Java Basin	Boutique	125	97
3810	East Natuna Basin		318	270
3811	Flores Basin			
3812	Gorontalo Basin			
3813	Halmahera Basin			
3814	Halmahera Platform			
3815	Java/Banda Sea		340	290
3816	Ketuneau/Sintang Terrane		353	303
3817	Kutei Basin	Priority	43	34
3818	Melawi Basin			
3819	Meratus High		297	252
3820	Merauke Platform			
3821	North Banda Basin		289	244
3822	North Sumatra Basin	Priority	65	53
3823	Northern Irian Jaya Waropen Basin		319	271
3824	Northwest Java Basin	Priority	70	58
3825	Penyu/West Natuna Basin	Boutique	130	102
3826	South Banda Basin			
3827	South Makassar Basin			
3828	South Sumatra Basin	Priority	73	60
3829	Sulawesi Accretionary Prism		303	257
3830	Sulawesi Magmatic Arc			
3831	Sumatra/Java Accretionary Prism			
3832	Sumatra/Java Fore-Arc Basins		268	226
3833	Sumatra/Java Magmatic Arc		250	210
3834	Sumba Province			
3835	Sunda Platform			
3836	Weber Basin			
3837	Zambalez/Central Luzon Basin		379	327
3901	Adelaide and Kanmantoo Fold Belts			
3902	Albany-Fraser Province			
3903	Amadeus Basin		220	182
3904	Arunta Block			
3905	Australian Arafura Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3906	Bangemall and Nabberu Basins			
3907	Bass Basin		264	222
3908	Bassian Rise			
3909	Birrindudu Basin and Tanami Block			
3910	Bonaparte Gulf Basin	Priority	91	72
3911	Bowen Basin		325	277
3912	Bremer Basin			
3913	Browse Basin	Priority	90	71
3914	Canning Basin		345	295
3915	Capricorn Basin			
3916	Carnarvon Basin		275	232
3917	Carpentaria Basin			
3918	Challenger Plateau			
3919	Clarence-Moreton Basin		380	328
3920	Coen-Yambo Block			
3921	Daly River Basin			
3922	Darling Basin			
3923	Drummond Fold Belt and Anakie High			
3924	Eromanga Basin		122	95
3925	Eucla Basin			
3926	Galilee Basin			
3927	Gascoyne Block			
3928	Gawler Block			
3929	Georgina Basin		391	339
3930	Gippsland Basin	Priority	60	48
3931	Great Australian Bight Basin			
3932	Halifax Basin			
3933	Halls Creek Province			
3934	Hodgkinson/Lachlan Fold Belt			
3935	Kimberley Basin			
3936	Lacklan Fold Belt			
3937	Laura Basin			
3938	Malakula/Aoba/Banks Basin			
3939	Marion Terrain			
3940	Maryborough Basin		382	330
3941	Money Shoal Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
3942	Mt. Isa Block			
3943	Murray Basin			
3944	Musgrave Block			
3945	McArthur Basin			
3946	New England Fold Belt			
3947	Ngalia Basin			
3948	Northwest Shelf	Priority	46	37
3949	Officer Basin			
3950	Otway Basin		234	195
3951	Paterson Province			
3952	Perth Basin		249	209
3953	Pilbara Block			
3954	Pine Creek Geosyncline			
3955	Queensland Plateau			
3956	Rocky Cape Block/Dundas Trough			
3957	Stuart Shelf			
3958	Surat Basin		214	178
3959	Sydney Basin		372	320
3960	Tasmania Basin			
3961	Tennant Creek Block			
3962	Victoria River Basin			
3963	Wiso Basin			
3964	Cape Vogel Basin			
3966	New Guinea Foreland Basin-Fold Belt		108	84
3967	New Guinea Mobile Belt			
3968	New Ireland Basin			
3969	Papuan Basin-Shelf Platform		197	161
3970	Sepik-Ramu Basin			
3971	South Bismarck Volcanic Arc			
3972	Chatham Rise			
3973	Fiji Islands			
3974	Yilgarn Block			
Region 4, Europe (62 Provinces)				
4011	Svalbard High		259	217

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
4012	Central Barents Platform		294	249
4013	Barents Continental Slope		329	281
4014	Troms-Bjornoya			
4015	Hammerfest-Varanger Basin		131	103
4016	Baltic Shield-Norwegian Caledonides		225	187
4017	Vestford-Helgeland	Priority	64	52
4019	Faeroes-Shetland-Orkney Basin	Boutique	129	101
4020	Hatton-Rockall Basin			
4021	Baltic Depression		194	158
4022	Fennoscandian Border-Danish-Polish Margin			
4023	Horda-Norwegian-Danish Basin		237	198
4025	North Sea Graben	Priority	8	8
4026	Ireland-Scotland Platform		201	165
4027	Midland Valley-Forth Approaches Basin		320	272
4028	Mid-North Sea High		330	282
4030	Irish Sea		121	94
4033	German-Polish Basin		109	85
4035	Northwest German Basin	Priority	21	18
4036	Anglo-Dutch Basin	Priority	39	31
4037	London-Brabant Platform			
4038	Munsterland Basin		298	253
4039	Southwest German Basin		393	341
4040	Anglo-Paris Basin		166	132
4041	Armoricia			
4043	Massif Central		387	335
4044	Pyrenean Foothills-Ebro Basin		110	86
4045	Aquitaine Basin		198	162
4046	Bohemia		135	105
4047	North Carpathian Basin	Priority	82	66
4048	Pannonian Basin	Priority	71	59
4049	Molasse Basin		186	151
4051	Alps		140	110
4052	Jura		374	322
4053	Trans-graben			
4054	Bresse Depression			
4055	Rhine Graben		255	214

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
4056	Lion-Camargue		396	344
4057	Transylvania	Priority	68	56
4058	Adriatic Basin		167	133
4059	Apulia Platform			
4060	Po Basin	Priority	84	68
4061	Carpathian-Balkanian Basin	Priority	54	42
4062	Tuscany-Latium-Paola		205	169
4063	Dobrogean Orogen			
4064	West Black Sea Basin		213	177
4066	Sicily		180	145
4067	Corsican-Sardinian Basins			
4068	Provence Basin	Boutique		
4069	Tyrrhenian Basin			
4070	Spanish Trough-Cantabrian Zone		301	255
4071	Dinaric Alps		369	317
4072	Iberian Massif			
4073	Galician Basin			
4074	Lusitanian Basin			
4075	Aegean		242	203
4076	Crete			
4077	Alentejo-Guadalquivir Basin		287	242
4078	Betic Zone			
4082	Tajo-Duero Basin		376	324
4083	Iberic Cordillera		208	172
4088	Andalucia			

Region 5, North America (179 Provinces)

5001	Northern Alaska		24	
5002	Central Alaska			
5003	Southern Alaska		100	
5004	Western Oregon-Washington		333	
5005	Eastern Oregon-Washington			
5006	Klamath-Sierra Nevada			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
5007	Northern Coastal		307	
5008	Sonoma-Livermore Basin		366	
5009	Sacramento Basin		132	
5010	San Joaquin Basin		30	
5011	Central Coastal		176	
5012	Santa Maria Basin		119	
5013	Ventura Basin		72	
5014	Los Angeles Basin		49	
5015	San Diego-Oceanside			
5016	Salton Trough			
5017	Idaho-Snake River Downwarp			
5018	Western Great Basin			
5019	Eastern Great Basin		277	
5020	Uinta-Piceance Basin		102	
5021	Paradox Basin		164	
5022	San Juan Basin		50	
5023	Albuquerque-Santa Fe Rift			
5024	Northern Arizona		300	
5025	Southern Arizona-Southwestern New Mexico			
5026	South-Central New Mexico			
5027	Montana Thrust Belt		368	
5028	North-Central Montana		163	
5029	Southwest Montana		283	
5031	Williston Basin, U.S.		98	
5032	Sioux Arch			
5033	Powder River Basin		88	
5034	Big Horn Basin		92	
5035	Wind River Basin		154	
5036	Wyoming Thrust Belt		134	
5037	Southwestern Wyoming		77	
5038	Park Basins		312	
5039	Denver Basin		123	
5040	Las Animas Arch		248	
5041	Raton Basin-Sierra Grande Uplift			
5042	Pedernal Uplift			
5043	Palo Duro Basin		42	

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
5044	Permian Basin		10	
5045	Bend Arch-Fort Worth Basin		52	
5046	Marathon Thrust Belt		334	
5047	Western Gulf		9	
5048	East Texas Basin		31	
5049	Louisiana-Mississippi Salt Basins		33	
5050	Florida Peninsula		253	
5051	Superior			
5052	Iowa Shelf			
5053	Cambridge Arch-Central Kansas Uplift		93	
5054	Salina Basin		269	
5055	Nemaha Uplift		86	
5056	Forest City Basin		233	
5057	Ozark Uplift			
5058	Anadarko Basin		25	
5059	Sedgwick Basin		149	
5060	Cherokee Platform		111	
5061	Southern Oklahoma		80	
5062	Arkoma Basin		85	
5063	Michigan Basin		115	
5064	Illinois Basin		78	
5065	Black Warrior Basin		189	
5066	Cincinnati Arch		217	
5067	Appalachian Basin		258	
5068	Blue Ridge Thrust Belt			
5069	Piedmont			
5070	Atlantic Coastal Plain			
5071	Adirondack Uplift			
5072	New England			
5076	Bering Shelf-Margin Basins OCS			
5077	Aleutian Arc OCS			
5078	Chukchi Borderland OCS			
5079	Canada Basin-Beaufort Slope OCS			
5080	Chukchi Shelf OCS			
5081	Beaufort Shelf OCS			
5082	Hope Basin OCS			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
5083	Navarin Basin OCS			
5084	N. Aleutian Basin OCS			
5085	St. George Basin OCS			
5086	Norton Basin OCS			
5087	St. Matthew-Hall Basin OCS			
5088	Cook Inlet OCS			
5089	Gulf of Alaska Shelf OCS			
5090	Shumagin-Kodiak Shelf OCS			
5091	Pacific Northwest OCS			
5092	Central California OCS			
5093	Santa Barbara-Ventura Basin OCS			
5094	Los Angeles Basin OCS			
5095	Inner Borderland OCS			
5096	Outer Borderland OCS			
5097	Gulf Cenozoic OCS		18	
5098	Gulf Mesozoic OCS		215	
5099	Atlantic Mesozoic OCS			
5200	East Greenland Rift Basins	Boutique		
5201	East Greenland Foldbelt			
5202	Greenland Shield			
5203	North Greenland Platform			
5204	North Greenland Foldbelt			
5205	Wandel Sea Basin			
5206	Kane Basin			
5207	Baffin Basin	Boutique		
5208	West Greenland Basin			
5209	Southeast Greenland Basin			
5215	Labrador-Newfoundland Shelf	Priority	97	76
5216	Southern Newfoundland Shelf			
5217	Scotian Shelf		165	131
5218	Georges Bank			
5219	Appalachian Foldbelt			
5220	Sidney Basin			
5221	Magdalen Basin			
5222	Fundy Basin			
5223	Anticosti Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
5224	St. Lawrence Lowlands			
5225	Algonquin Arch-Michigan Basin		216	179
5226	Canadian Shield			
5227	Hudson Strait Basin			
5228	Hudson Bay Basin			
5229	Foxe Basin			
5230	Boothia Basin			
5231	South Arctic Basin			
5232	Wollaston Basin			
5233	Banks Basin			
5234	Sverdrup Basin	Boutique	405	353
5235	Minto Arch			
5236	Parry Island Foldbelt		361	311
5237	Cornwallis Foldbelt			
5238	Ellesmere Foldbelt			
5239	Mackenzie Delta		406	354
5240	Mackenzie Delta Slope			
5241	Arctic Coastal Shelf			
5242	Northern Interior Basins		266	224
5243	Alberta Basin	Priority	19	16
5244	Williston Basin, Canada	Priority	58	46
5245	Rocky Mountain Deformed Belt	Priority	94	73
5246	Mackenzie Foldbelt		207	171
5247	Yukon Basin			
5248	Canadian Cordillera			
5249	Whitehorse Basin			
5250	Bowser Basin			
5251	Quesnel Basin			
5252	Georgia Basin			
5253	Queen Charlotte Basin			
5254	Tofino Basin			
5300	Burgos Basin		128	100
5301	Tampico-Misantla Basin	Priority	51	40
5302	Veracruz Basin	Boutique	227	189
5303	Tuxla Uplift			
5304	Saline-Comalcalco Basin	Priority	96	75

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
5305	Villahermosa Uplift	Priority	16	14
5306	Macuspana Basin		150	119
5307	Campeche-Sigsbe Salt Basin			
5308	Yucatan Platform		337	287
5310	Sierra Madre de Chiapas-Peten Foldbelt		292	247
5311	Chiapas Massif			
5313	Sierra Madre Oriental Foldbelt			
5314	Jalisco-Oaxaca Platform		392	340
5315	Guerrero Basin			
5316	Trans-mexican Neovolcanic Axis		395	343
5317	Chicontepec Basin		221	183
5318	Central Mesa			
5319	Torrecon-Sierra Madre Oriental Foldbelt			
5320	Parras Basin		324	276
5321	Coahuila Platform		373	321
5322	Burros Uplift		388	336
5323	Sabinas Basin		218	180
5324	Tamaulipas Arch			
5325	Magiscatzin Basin			
5326	Chihuahuan Basin and Range			
5327	Sierra Madre Occidental Volcanic Plateau			
5328	Mazatlan Basin			
5329	Sinaloa			
5330	Guaymas-Topolobambo Basin			
5331	Sonoran Basin and Range			
5332	Salton Trough		278	234
5333	Baja California Backbone			
5334	Vizcaino Basin		399	347
5335	Purisima-Iray Basin			

Region 6, Central and South America (122 Provinces)

6002	Guyana Shield
6003	Brazilian Shield
6004	Brazilian Shield
6005	Brazilian Shield

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
6006	Andean Province			
6007	Familina Province			
6008	North Patagonia Province			
6009	Deseado Province			
6010	Tacutu Basin		400	348
6011	Solimoes Basin		188	153
6012	Amazonas Basin		348	298
6013	Sucunduri Province			
6014	Parecis Province			
6015	Xingu Province			
6016	Parnaiba Basin			
6017	Sao Francisco Basin			
6018	Diamantina Province			
6019	Araripe Province			
6020	Parana Basin		367	316
6021	Guyana Basin		271	228
6022	Foz de Amazonas Basin		243	204
6023	Santana Platform		341	291
6024	San Luis Basin			
6025	Barreieinas Basin		375	323
6026	Caera Basin		241	202
6027	Potigar Basin		168	134
6028	Pernambuco Basin			
6029	Sergipe-Alagoas Basin		162	130
6030	Jatoba Basin			
6031	Tucano Basin		343	293
6032	Reconcavo Basin		120	93
6033	Bahia Sul Basin		311	264
6034	Espirito Santo Basin		239	200
6035	Campos Basin	Priority	47	38
6036	Santos Basin		185	150
6037	Pelotas Basin			
6038	Santiago Basin			
6039	Huallaga Basin			
6040	Ucayali Basin		224	186
6041	Putamayo-Orient-Maranon Basin	Priority	56	44

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
6042	Acre Basin			
6043	Madre dos Dios Basin		101	78
6044	Beni Basin			
6045	Santa Cruz-Tarija Basin	Priority	75	62
6046	Oran-Olmedo Basin		236	197
6047	Chaco Basin			
6048	Bolsones Basin			
6049	Bermejo Basin			
6050	Mascasin Basin			
6051	Cuyo Basin		144	114
6052	Mercedes Basin			
6053	Laboulaye-Macachin Basin			
6054	Salado Basin			
6055	Neuquen Basin	Priority	61	49
6056	Nirihuau Basin			
6057	Colorado Basin			
6058	San Jorge Basin	Priority	76	63
6059	Magallenes Basin	Priority	66	54
6060	North Malvinas Basin			
6061	East Patagonia Basin			
6062	Malvinas Plateau			
6063	Malvinas Basin		299	254
6064	Malvinas Trough			
6065	Altiplano Basin		384	332
6066	Moquegua-Tamaruga Basin			
6067	Salar de Atacama Basin			
6068	Curico Basin			
6069	Temuco Basin		394	342
6070	Osorno-Llanquihue Basin			
6071	Diego Ramirez Basin			
6072	Madre de Dios Basin			
6073	Penas Basin			
6074	Central Chile Forearc Basin		342	292
6075	Mollendo-Tarapaca Basin			
6076	Pisco Basin			
6077	Lima Basin			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
6078	Salaverry Basin			
6079	Trujillo Basin			
6080	Sechura Basin			
6081	Talara Basin		113	88
6082	Lancones Basin			
6083	Progreso Basin		219	181
6084	Manabi Basin			
6085	Borbon Basin			
6086	Cauca Basin			
6087	Choco Pacific Basin			
6088	Pacific Offshore Basin			
6089	Upper Magdalena		159	127
6090	Middle Magdalena	Priority	89	70
6091	Lower Magdalena		209	173
6092	Eastern Cordillera Basin		152	121
6093	Perija-Venezuela-Coastal Ranges		398	346
6094	Cesar Basin		383	331
6095	Guajira Basin		177	142
6096	Llanos Basin	Priority	53	41
6097	Barinas-Apure Basin		158	126
6098	East Venezuela Basin	Priority	13	11
6099	Maracaibo Basin	Priority	11	9
6100	Falcon Basin		204	168
6101	Bonaire Basin			
6102	Cariaco Basin		228	190
6103	Tobago Trough	Priority	79	64
6104	South Caribbean Deformed Belt			
6105	Sierra Nevada de Santa Marta			
6106	West-Central Cordillera			
6107	Lesser Antilles Deformed Belt		202	166
6108	Neogene Volcanic Belt			
6109	Aves Ridge			
6110	Venezuela Basin			
6111	Beata Ridge			
6112	Columbian Basin			
6113	Middle America Province			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
6114	North Nicaraguan Rise			
6115	South Nicaraguan Rise			
6117	Greater Antilles Deformed Belt			
6118	Puerto Rico Trench			
6119	Bahama Platform			
6120	Cayman Trough			
6121	Cayman Ridge			
6122	Chiapas Massif-Nuclear Central America			
6123	Yucatan Basin			
6125	Maya Mountains			
Region 7, Sub-Saharan Africa and Antarctica (55 Provinces)				
7013	Senegal	Boutique	313	265
7021	West African Shield			
7035	Taoudeni Basin			
7041	Hoggar			
7055	Iullemeden			
7066	Chad		246	207
7075	Erdis Kufra			
7087	Khartoum			
7091	South Red Sea Shield			
7105	Baffa			
7114	Volta			
7121	Nigerian Massive			
7136	Benue		223	185
7146	Sud	Boutique	145	115
7151	Western Nubian Shield			
7161	Amhara Plateau			
7173	West African Coastal			
7183	Gulf of Guinea	Boutique	183	148
7192	Niger Delta	Priority	12	10
7203	West-Central Coastal	Priority	29	24
7211	West Zaire Precambrian Belt			
7225	Zaire			
7231	East Zaire Precambrian Belt			

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
7246	East African Rift			
7255	Somali		172	138
7263	Somali Deep Sea			
7273	Tanzania Coastal		212	176
7285	Etosha			
7291	Luffillian Arch			
7303	Orange River Coastal	Boutique	156	124
7311	Damer Belt			
7325	Kalahari			
7331	E. Kalahari Precambrian Belt			
7343	Mozambique Coastal	Boutique	182	147
7355	Karoo	Boutique		
7363	South African Coastal		171	137
7373	Morondava		327	279
7381	Madagascar			
7396	Tamatave			
7403	Madagascar Offshore			
7417	Seychelles			
7420	Scotia Ridge Offshore			
7430	Antarctic Peninsula			
7440	Weddell Offshore			
7450	Queen Maud Offshore			
7460	Queen Maud Onshore			
7470	Amundsen/Bellingshausen Offshore			
7480	Bransfield Offshore			
7490	Polar Province			
7500	Kerguelen Offshore			
7510	Marie Byrd Onshore			
7520	Transantarctic Mountains			
7530	Scott Offshore			
7540	Wilkes Onshore			
7550	Ross Offshore			

Region 8, South Asia (29 Provinces)

8001 Southeast Afghanistan

Appendix A1. A list of geologic provinces of the world by code number with rank of oil and gas provinces (continued).

Prov. Code	Province Name	Assessment Type	Rank	Rank excl. of U.S.
8002	Himalayan		332	284
8003	Indian Shield		401	349
8004	Sri Lanka			
8005	Indo-Burman		331	283
8006	Tenasserim-Shan		291	246
8021	Makran			
8022	Baluchistan			
8023	Central Afghanistan		276	233
8024	Afghan			
8025	Sulaiman-Kirthar		99	77
8026	Kohat-Potwar		174	140
8028	Himalayan Foreland			
8030	Chindwara			
8031	Satpura-Brahmani			
8032	Damodar			
8033	Pranhita-Godavari			
8034	Assam	Priority	83	67
8035	North Burma		356	306
8042	Indus	Priority	87	69
8043	Bombay	Priority	38	30
8044	Cauvery		244	205
8045	Krishna-Godavari		191	155
8046	Mahanadi			
8047	Ganges-Brahmaputra Delta	Boutique	107	83
8048	Irrawaddy	Boutique	103	79
8061	Maldives			
8062	Lakshadweep			
8063	Konkan			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces. [For list of ranked provinces, see Table 1. The first digit of the code represents region.]

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Region 1, Former Soviet Union (141 Provinces)				
Admiralty Arch	1061			
Afghan-Tajik Basin	1156		137	107
Alakol Basin	1169			
Alay Basin	1160			
Aldan Shield	1216			
Aldan Uplift	1215			
Altay-Sayan Folded Region	1219			
Amu-Darya Basin	1154	Priority	17	15
Anabar-Olenek High	1202			
Anabar Basin	1200			
Anadyr Basin	1300		261	219
Angara-Lena Terrace	1209	Boutique	139	109
Aniva Basin	1327		354	304
Anzhu Uplift	1255			
Arctic Ocean Slope	1117			
Ayon Basin	1253			
Azov-Kuban Basin	1108	Priority	81	65
Baikal-Patom Folded Region	1230			
Baykit Arch	1207	Boutique	161	129
Belorussian-Voronezh High	1004		370	318
Black Sea Continental Slope	1107			
Black Sea Deep-Water Basin	1102			
Blagoveshchensk Basin	1254			
Bureya-Dunbey Region	1220			
Central Kamchatka Group of Basins	1312			
Central Kara High	1070			
Central Kazakhstan Folded Region	1168			
Central Okhotsk High	1319			
Chu-Sarysu Basin	1165		190	154
Cis-Patom Foredeep	1211	Boutique	321	273
Cis-Sayan Basin	1208			
Crimea High	1104			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
De Long High	1257			
Deryugin Basin	1321			
Dnieper-Donets Basin	1009	Priority	45	36
Dobrogea Foreland	1103		317	269
Donbass Foldbelt	1014			
East Aral Basin	1151			
East Aral Slope	1178			
East Ili Basin	1164			
East Kamchatka Basin	1315			
East Kamchatka Uplift	1313			
East Sakhalin Uplift	1323			
Fergana Basin	1159	Boutique	155	123
Gangut High	1301			
Gizhigin Basin	1307			
Great Caucasus Foldbelt	1110			
Grumant Uplift	1064			
Issyk-Kul Basin	1162			
Karabogaz-Karakum High	1153		404	352
Kempendiay Region	1212			
Khanka Basin	1226			
Khatanga Saddle	1201			
Khatyrka Basin	1302		336	286
Kinkil Basin	1305			
Kola Monocline-Finnmark Platform	1051		293	248
Koni-Tayganos Uplift	1308			
Kopet-Dag Foldbelt	1155			
Koryak-Kamchatka Foldbelt	1304			
Kotelnich Arch	1005			
Kura Basin	1113		195	159
Kuril-Kamchatka Slope	1316			
Kuznetsk Basin	1171			
Laptev Shelf	1218			
Lena-Vilyuy Basin	1214		118	92
Ludlov Saddle	1059		146	116
Mangyshlak-Ustyurt Foldbelt	1152			
Mezen Basin	1006			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Middle Amur Basin	1227			
Middle Caspian Basin	1109	Priority	35	27
Moma Basin	1252			
Moscow Basin	1003			
Mugodzhary-South Emba	1018		402	350
Naryn Basin	1161			
Nepa-Botuoba Arch	1210	Priority	63	51
North Barents Basin	1060	Boutique		
North Caspian Basin	1016	Priority	14	12
North Chukchi Basin	1258			
North Crimea Basin	1105		193	157
North Minusa Basin	1172			
North Novaya Zemlya Basin	1065			
North Okhotsk Group of Basins	1309			
North Sakhalin Basin	1322	Priority	62	50
North Ustyurt Basin	1150	Priority	95	74
Northeast Black Sea Shelf	1106		403	351
Novaya Zemlya Monocline	1062			
Novosibirsk Basin	1256			
Olyutor Basin	1314			
Onkotan Basin	1317			
Pamir High	1157			
Penzhina Basin	1303			
Poles Saddle	1012			
Pripyat Basin	1010		184	149
Rioni Basin	1111		347	297
Russian Craton Margin	1011		256	215
Schmidt Basin	1071			
Severnaya Zemlya High	1072			
Sikhote-Alin Folded Region	1224			
South Barents Basin	1050	Priority	44	35
South Caspian Basin	1112	Priority	23	20
South Chukchi-Hope Basin	1261			
South Kuril Basin	1318			
South Minusa Basin	1173			
South Okhotsk Basin	1320			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
South Turgay Basin	1167		169	135
St. Anna Basin	1066			
Suifun Basin	1225			
Susunay Uplift	1326			
Syr-Darya Basin	1177			
Taimyr-Kara High	1176			
Talov Uplift	1306			
Tatar Strait Basin	1328		306	260
Terpeniya Bay Basin	1324			
Tian Shan Foldbelt	1158		280	236
Timan-Pechora Basin	1008	Priority	27	22
Timan High	1007			
Tinro Basin	1310			
Tunguska Basin	1203		296	251
Turgay Depression	1166			
Turukhan-Igarka Uplift	1205			
Turukhan-Norilsk Folded Zone	1204		346	296
Uedineniya Basin	1069			
Ukrainian Shield	1013			
Upper Bureya Basin	1223		358	308
Upper Zeya Basin	1217			
Ural-Novaya Zemlya Foldbelt	1017			
Ushakov High	1068			
Verkhoyan-Chukotka Folded Region	1250			
Vize High	1067			
Volga-Ural Region	1015	Priority	7	7
West Ili Basin	1163			
West Kamchatka Basin	1311		309	262
West Sakhalin Uplift	1325			
West Siberian Basin	1174	Priority	1	1
Wrangel-Herald Uplift	1260			
Wrangel Basin	1259			
Yenisey-Khatanga Basin	1175		104	80
Yenisey Ridge	1206			
Zaysan Basin	1170			
Zeya-Bureya Basin	1222			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Zyryanka Basin	1251			
Region 2, Middle East and North Africa (88 Provinces)				
Aaiun-Tarfaya Basin	2066		389	337
Abu Gharadiq Basin	2038		147	117
Adana/Sivas	2079		349	299
Alborz Fold Belt	2094			
Anah Graben	2089		143	113
Arabian Shield	2101		328	280
Araks	2080			
Atlas Basin	2062			
Atlas Uplift	2053		285	240
Beirut	2078		377	325
Canary Islands	2065			
Central Iranian Basins	2091			
Central Iranian Microcontinents	2092			
Central Oman Platform	2015		222	184
Cyrenaicia Basin	2041			
Cyrenaica Uplift	2040		338	288
East Flank Oman Sub-basin	2012		106	82
Essaouni Basin	2064		302	256
Euphrates/Mardin	2075		148	118
Fahud Salt Basin	2016	Priority	59	47
Fezzan Uplift	2046		196	160
Ghaba Salt Basin	2014	Priority	69	57
Ghudun-Khasfeh Flank Province	2010			
Grand Erg/Ahnet Basin	2058	Priority	22	19
Greater Ghawar Uplift	2021	Priority	3	3
Guercif Basin	2069			
Gulf of Oman Basin	2018			
Hail-Ga'Ara Arch	2025			
Haleb	2076		284	239
Hamra Basin	2047		160	128
Hauts Basin	2051			
Hays Structural Belt	2003			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Huqf-Haushi Uplift	2013			
Illizi Basin	2056	Priority	40	32
Interior Homocline-Central Arch	2020	Priority	57	45
Jafr-Tabuk Basin	2026		274	231
Kardiff/Menders Massif	2084			
Khleisha Uplift	2074		142	112
Lesser Caucasus	2081		263	221
Levantine Basin	2032		281	237
Lut Block and Depression	2093			
Ma 'Rib-Al Jawf Basin	2004	Priority	74	61
Masila-Jeza Basin	2009		179	144
Masirah Trough	2008			
Mediterranean Basin	2070		105	81
Mesopotamian Foredeep Basin	2024	Priority	2	2
Mirbat Precambrian Basement	2102			
Mukalla Rift Basin	2005			
Murzuk Basin	2045		153	122
Nefusa Uplift	2049			
Nile Delta Basin	2035		192	156
North Egypt Basin	2039		133	104
North Harrah Volcanics	2027			
North Red Sea Shield	2073			
Nubian Uplift	2044			
Oman Mountains	2017			
Ougarta Uplift	2061		282	238
Palmyra Zone	2077		178	143
Pelagian Basin	2048	Priority	67	55
Qatar Arch	2022	Priority	6	6
Rabat Basin	2063			
Red Sea Basin	2071	Priority	48	39
Reggane Basin	2060		322	274
Reguibate Uplift	2068			
Rif Basin	2072		295	250
Rub Al Khali Basin	2019	Priority	5	5
Rutbah Uplift	2028			
Shabwah Basin	2006		230	192

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Sharmah Rift Basin	2007		335	285
Sinai Basin	2033		245	206
Sirte Basin	2043	Priority	15	13
South Harrah Volcanics	2034		365	315
South Oman Salt Basin	2011		112	87
Syrian Arch	2036			
Tellian Foredeep	2052		351	301
Tellian Uplift	2050		381	329
Thiemboka Uplift	2057			
Thrace/Samsun	2085		267	225
Tindouf Basin	2067			
Trias/Ghadames Basin	2054	Priority	26	21
Tuz/Corum	2083			
Upper Egypt Basin	2037			
Wadi-Surhan Basin	2029	Boutique	286	241
Widyan Basin-Interior Platform	2023	Priority	28	23
Yemen Volcanic Basin (North)	2001			
Yemen Volcanic Basin (South)	2002			
Zagros Fold Belt	2030	Priority	4	4
Zagros Thrust Zone	2031		238	199
Region 3, Asia Pacific (261 Provinces)				
Adelaide and Kanmantoo Fold Belts	3901			
Akita Basin	3301		273	230
Alashan Yinshan Fold Belt	3101			
Albany-Fraser Province	3902			
Altunshan Fold Belt	3102		362	312
Amadeus Basin	3903		220	182
Arafura Basin-Irian Jaya	3801		357	307
Arunta Block	3904			
Australian Arafura Basin	3905			
Bali Basin	3802		310	263
Banda Arc	3803		265	223
Bangemall and Nabberu Basins	3906			
Baram Delta/Brunei-Sabah Basin	3701	Priority	37	29

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Barito Basin	3804		240	201
Bass Basin	3907		264	222
Bassian Rise	3908			
Bau Waters Basin	3001			
Beibuwan Basin	3103		206	170
Bellona Plateau	3002			
Bicol Shelf Basin	3601			
Bijianan Basin	3180			
Bintuni/Sulawati Province	3805		114	89
Birrindudu Basin and Tanami Block	3909			
Bligh Water Basin	3003			
Bogdashan Fold Belt	3105			
Bohaiwan Basin	3127	Priority	20	17
Bonaparte Gulf Basin	3910	Priority	91	72
Bone Basin	3806		257	216
Bose Basin	3106			
Bowen Basin	3911		325	277
Bremer Basin	3912			
Browse Basin	3913	Priority	90	71
Cagayan Basin	3602		352	302
Canning Basin	3914		345	295
Cape Vogel Basin	3964			
Capricorn Basin	3915			
Carnarvon Basin	3916		275	232
Carpentaria Basin	3917			
Celebes Sea	3807			
Central Sumatra Basin	3808	Priority	36	28
Central Vietnam Basin	3501			
Challenger Plateau	3918			
Chatham Rise	3972			
Choybalsan Basin	3203			
Chuxiong Basin	3107			
Clarence-Moreton Basin	3919		380	328
Coen-Yambo Block	3920			
Cotabato Basin	3603			
Cuoqing Lupola Basin	3108		390	338

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Daly River Basin	3921			
Darling Basin	3922			
Drummond Fold Belt and Anakie High	3923			
East China Sea Basin	3109		203	167
East Java Basin	3809	Boutique	125	97
East Natuna Basin	3810		318	270
East Ontong Java Rise	3014			
Erlian Basin	3110		232	194
Erlian Uplift	3166			
Eromanga Basin	3924		122	95
Eucla Basin	3925			
Fiji Islands	3973			
Fiji Ridge	3006			
Flores Basin	3811			
Galilee Basin	3926			
Gascoyne Block	3927			
Gawler Block	3928			
Gensan Basin	3401			
Georgina Basin	3929		391	339
Gippsland Basin	3930	Priority	60	48
Gobi Basin	3204		316	268
Gorontalo Basin	3812			
Great Australian Bight Basin	3931			
Great Lake Basin	3208			
Great Lake Uplift	3209			
Great South Basin	3007		355	305
Greater Sarawak Basin	3702	Priority	34	26
Gyeongsang Basin	3402			
Halifax Basin	3932			
Halls Creek Province	3933			
Halmahera Basin	3813			
Halmahera Platform	3814			
Heilongjiang Basin	3165			
Hikurani Trough	3008			
Hodgkinson/Lachlan Fold Belt	3934			
Honshu Ridge	3302			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Huskan Platform	3403			
Indispensable Reef	3015			
Ishikari Hidaka Basin	3303		270	227
Japan Volcanic Arc/Accreted Terrane	3304		199	163
Java/Banda Sea	3815		340	290
Jiangnan Basin	3112		211	175
Jiangnan South Jiangsu Fold Belt	3113		323	275
Jiuquan Minle Wuwei Basin	3114		226	188
Joban Basin	3305		290	245
Jungger Basin	3115	Priority	55	43
Kanto Basin	3306		229	191
Karamay Thrust Belt	3116			
Kermadec Ridge	3010			
Ketuneau/Sintang Terrane	3816		353	303
Khorat Platform	3502		251	211
Kimberley Basin	3935			
Korba Bay Basin	3404		364	314
Korean Continental Shelf	3406			
Korean Craton	3405			
Kumukulig Basin	3117			
Kunlunshan Fold Belt	3118		314	266
Kutei Basin	3817	Priority	43	34
Lacklan Fold Belt	3936			
Lanping Simao Basin	3119			
Laura Basin	3937			
Leidong Basin	3120			
Lhasa Basin	3121			
Lhasa Terrane	3122		397	345
Longmenshan Dabashan Fold Belt	3168			
Lord Howe Rise	3011			
Loyalty Island Ridge	3012			
Luxi Jiaoliao Uplift	3124		247	208
Malakula/Aoba/Banks Basin	3938			
Malay Basin	3703	Priority	41	33
Malay Peninsula	3704		360	310
Marion Terrain	3939			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Maryborough Basin	3940		382	330
McArthur Basin	3945			
Mekong/Cuulong/Vung Tau Basin	3503		151	120
Melanesia Border Plateau	3013			
Melawi Basin	3818			
Mellish Reef	3017			
Meratus High	3819		297	252
Merauke Platform	3820			
Miyazaki Basin	3307			
Mohe Basin	3164			
Money Shoal Basin	3941			
Mongol-Okhotsk Folded Region	3202			
Mt. Isa Block	3942			
Murray Basin	3943			
Musgrave Block	3944			
Nanpanjiang Depression	3125		308	261
Nanyang Basin	3126		173	139
New Caledonia	3018			
New England Fold Belt	3946			
New Guinea Foreland Basin-Fold Belt	3966		108	84
New Guinea Mobile Belt	3967			
New Hebrides Arc	3019			
New Ireland Basin	3968			
New Zealand East Coast Basin	3020			
New Zealand Orogenic Belt	3021		385	333
Ngalia Basin	3947			
Niigata Basin	3308		187	152
Norfolk Island Ridge	3022			
North Banda Basin	3821		289	244
North Sumatra Basin	3822	Priority	65	53
Northern Irian Jaya Waropen Basin	3823		319	271
Northland Basin	3023			
Northwest Java Basin	3824	Priority	70	58
Northwest Shelf	3948	Priority	46	37
Nyalga Basin	3205			
Officer Basin	3949			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Okinawa Trough	3309			
Ordos Basin	3128	Boutique	127	99
Otway Basin	3950		234	195
Palawan Shelf	3605		141	111
Pamusian Tarakan Basin	3606		157	125
Panjang/Cardomomes Basin	3504			
Papuan Basin-Shelf Platform	3969		197	161
Paterson Province	3951			
Pearl River Mouth Basin	3130		170	136
Penyu/West Natuna Basin	3825	Boutique	130	102
Perth Basin	3952		249	209
Philippine Accretionary Prism	3607			
Philippine Magmatic Arc	3608		378	326
Pilbara Block	3953			
Pine Creek Geosyncline	3954			
Qabdu Basin	3137			
Qaidam Basin	3131		181	146
Qiangtang Tanggula Basin	3132			
Qiangtang Terrane	3133			
Qilianshan Fold Belt	3134		371	319
Qinling Dabieshan Fold Belt	3135		254	213
Qiongdongnan Basin	3136		363	313
Queensland Plateau	3955			
Rajang-Crocker Accretionary Prism	3705			
Reed Bank Basin	3609		315	267
Rocky Cape Block/Dundas Trough	3956			
Russell Basin	3016			
Ryukyu Volcanic Arc	3310		339	289
Sagara Basin	3311		386	334
Saigon Basin	3505	Boutique	136	106
Samoa Basin	3024			
Sanshui Basin	3139			
Sea Of Japan Backarc Basin	3312		344	294
Sepik-Ramu Basin	3970			
Shanxi Plateau	3140		326	278
Shiwan Dashan Basin	3141			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Shorland Basin	3004			
Sichuan Basin	3142	Boutique	117	91
Sinzi Uplift	3313			
Solander-Waiiau Basin	3025			
Solomon Islands	3005			
Songliao Basin	3144	Priority	32	25
Songpan Ganzi Fold Belt	3143			
South Banda Basin	3826			
South Bismarck Volcanic Arc	3971			
South China Continental Shelf Slope	3181		210	174
South China Fold Belt	3146		252	212
South China Ocean Basin	3167			
South China Sea Platform	3506			
South Makassar Basin	3827			
South Sumatra Basin	3828	Priority	73	60
Stuart Shelf	3957			
Subei Yellow Sea Basin	3147		175	141
Sulawesi Accretionary Prism	3829		303	257
Sulawesi Magmatic Arc	3830			
Sulongshan Fold Belt	3148			
Sulu Arch	3610			
Sulu Sea Basin	3611		260	218
Sumatra/Java Accretionary Prism	3831			
Sumatra/Java Fore-Arc Basins	3832		268	226
Sumatra/Java Magmatic Arc	3833		250	210
Sumba Province	3834			
Sunda Platform	3835			
Surat Basin	3958		214	178
Sydney Basin	3959		372	320
Tagaung Myitkyina Fold Belt	3520			
Taihangshan Yanshan Fold Belt	3149		350	300
Taikang Hefei Basin	3150			
Taiwan Melange Belt	3152			
Taiwan Thrust and Fold Belt	3151		200	164
Taixinan Basin	3153		262	220
Taranaki Basin	3031		126	98

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Tarim Basin	3154	Boutique	124	96
Tasmania Basin	3960			
Temtsag Hailar Basin	3207		288	243
Tennant Creek Block	3961			
Thai Basin	3507		116	90
Thailand Mesozoic Basin Belt	3508		231	193
Three Kings Rise	3026			
Tokachi Basin	3314			
Tonga Ridge	3027			
Tonle Sap-Phnom Penh Basin	3509			
Tottori Basin	3315			
Truong Son Fold Belt	3510			
Tsushima Basin	3316		272	229
Turpan Basin	3156		235	196
Ulan Bator Basin	3210			
Ushumun Basin	3138			
Vanikoro Basin	3028			
Victoria River Basin	3962			
Visayan	3612		359	309
Waikato Basin	3029			
Wanganui Basin	3030			
Weber Basin	3836			
Wiso Basin	3963			
Xichang Yunnan Fold Belt	3157			
Xisha Trough	3158			
Yilgarn Block	3974			
Yingehai Basin	3159		138	108
Yinshan Da and Xiao Hingganling Uplift	3160		304	258
Yitong Graben	3169			
Yunnan Guizhou Hubei Fold Belt	3161		279	235
Zambalez/Central Luzon Basin	3837		379	327
Zhangguangcailing Uplift	3162		305	259
Region 4, Europe (62 Provinces)				
Adriatic Basin	4058		167	133

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Aegean	4075		242	203
Alentejo-Guadalquivir Basin	4077		287	242
Alps	4051		140	110
Andalucia	4088			
Anglo-Dutch Basin	4036	Priority	39	31
Anglo-Paris Basin	4040		166	132
Apulia Platform	4059			
Aquitaine Basin	4045		198	162
Armoricia	4041			
Baltic Depression	4021		194	158
Baltic Shield-Norwegian Caledonides	4016		225	187
Barents Continental Slope	4013		329	281
Betic Zone	4078			
Bohemia	4046		135	105
Bresse Depression	4054			
Carpathian-Balkan Basin	4061	Priority	54	42
Central Barents Platform	4012		294	249
Corsican-Sardinian Basins	4067			
Crete	4076			
Dinaric Alps	4071		369	317
Dobrogean Orogen	4063			
Faeroes-Shetland-Orkney Basin	4019	Boutique	129	101
Fennoscandian Border-Danish-Polish Margin	4022			
Galician Basin	4073			
German-Polish Basin	4033		109	85
Hammerfest-Varanger Basin	4015		131	103
Hatton-Rockall Basin	4020			
Horda-Norwegian-Danish Basin	4023		237	198
Iberian Massif	4072			
Iberic Cordillera	4083		208	172
Ireland-Scotland Platform	4026		201	165
Irish Sea	4030		121	94
Jura	4052		374	322
Lion-Camargue	4056		396	344
London-Brabant Platform	4037			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Lusitanian Basin	4074			
Massif Central	4043		387	335
Mid-North Sea High	4028		330	282
Midland Valley-Forth Approaches Basin	4027		320	272
Molasse Basin	4049		186	151
Munsterland Basin	4038		298	253
North Carpathian Basin	4047	Priority	82	66
North Sea Graben	4025	Priority	8	8
Northwest German Basin	4035	Priority	21	18
Pannonian Basin	4048	Priority	71	59
Po Basin	4060	Priority	84	68
Provence Basin	4068	Boutique		
Pyrenean Foothills-Ebro Basin	4044		110	86
Rhine Graben	4055		255	214
Sicily	4066		180	145
Southwest German Basin	4039		393	341
Spanish Trough-Cantabrian Zone	4070		301	255
Svalbard High	4011		259	217
Tajo-Duero Basin	4082		376	324
Trans-graben	4053			
Transylvania	4057	Priority	68	56
Troms-Bjornoya	4014			
Tuscany-Latium-Paola	4062		205	169
Tyrrhenian Basin	4069			
Vestford-Helgeland	4017	Priority	64	52
West Black Sea Basin	4064		213	177
Region 5, North America (179 Provinces)				
Adirondack Uplift	5071			
Alberta Basin	5243	Priority	19	16
Albuquerque-Santa Fe Rift	5023			
Aleutian Arc OCS	5077			
Algonquin Arch-Michigan Basin	5225		216	179
Anadarko Basin	5058		25	

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Anticosti Basin	5223			
Appalachian Basin	5067		258	
Appalachian Foldbelt	5219			
Arctic Coastal Shelf	5241			
Arkoma Basin	5062		85	
Atlantic Coastal Plain	5070			
Atlantic Mesozoic OCS	5099			
Baffin Basin	5207	Boutique		
Baja California Backbone	5333			
Banks Basin	5233			
Beaufort Shelf OCS	5081			
Bend Arch-Fort Worth Basin	5045		52	
Bering Shelf-Margin Basins OCS	5076			
Big Horn Basin	5034		92	
Black Warrior Basin	5065		189	
Blue Ridge Thrust Belt	5068			
Boothia Basin	5230			
Bowser Basin	5250			
Burgos Basin	5300		128	100
Burros Uplift	5322		388	336
Cambridge Arch-Central Kansas Uplift	5053		93	
Campeche-Sigsbe Salt Basin	5307			
Canada Basin-Beaufort Slope OCS	5079			
Canadian Cordillera	5248			
Canadian Shield	5226			
Central Alaska	5002			
Central California OCS	5092			
Central Coastal	5011		176	
Central Mesa	5318			
Cherokee Platform	5060		111	
Chiapas Massif	5311			
Chicontepec Basin	5317		221	183
Chihuahuan Basin and Range	5326			
Chukchi Borderland OCS	5078			
Chukchi Shelf OCS	5080			
Cincinnati Arch	5066		217	

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Coahuila Platform	5321		373	321
Cook Inlet OCS	5088			
Cornwallis Foldbelt	5237			
Denver Basin	5039		123	
East Greenland Foldbelt	5201			
East Greenland Rift Basins	5200	Boutique		
East Texas Basin	5048		31	
Eastern Great Basin	5019		277	
Eastern Oregon-Washington	5005			
Ellesmere Foldbelt	5238			
Florida Peninsula	5050		253	
Forest City Basin	5056		233	
Foxe Basin	5229			
Fundy Basin	5222			
Georges Bank	5218			
Georgia Basin	5252			
Greenland Shield	5202			
Guaymas-Topolobambo Basin	5330			
Guerrero Basin	5315			
Gulf Cenozoic OCS	5097		18	
Gulf Mesozoic OCS	5098		215	
Gulf of Alaska Shelf OCS	5089			
Hope Basin OCS	5082			
Hudson Bay Basin	5228			
Hudson Strait Basin	5227			
Idaho-Snake River Downwarp	5017			
Illinois Basin	5064		78	
Inner Borderland OCS	5095			
Iowa Shelf	5052			
Jalisco-Oaxaca Platform	5314		392	340
Kane Basin	5206			
Klamath-Sierra Nevada	5006			
Labrador-Newfoundland Shelf	5215	Priority	97	76
Las Animas Arch	5040		248	
Los Angeles Basin	5014		49	
Los Angeles Basin OCS	5094			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Louisiana-Mississippi Salt Basins	5049		33	
Mackenzie Delta	5239		406	354
Mackenzie Delta Slope	5240			
Mackenzie Foldbelt	5246		207	171
Macuspana Basin	5306		150	119
Magdalen Basin	5221			
Magiscatzin Basin	5325			
Marathon Thrust Belt	5046		334	
Mazatlan Basin	5328			
Michigan Basin	5063		115	
Minto Arch	5235			
Montana Thrust Belt	5027		368	
N. Aleutian Basin OCS	5084			
Navarin Basin OCS	5083			
Nemaha Uplift	5055		86	
New England	5072			
North-Central Montana	5028		163	
North Greenland Foldbelt	5204			
North Greenland Platform	5203			
Northern Alaska	5001		24	
Northern Arizona	5024		300	
Northern Coastal	5007		307	
Northern Interior Basins	5242		266	224
Norton Basin OCS	5086			
Outer Borderland OCS	5096			
Ozark Uplift	5057			
Pacific Northwest OCS	5091			
Palo Duro Basin	5043		42	
Paradox Basin	5021		164	
Park Basins	5038		312	
Parras Basin	5320		324	276
Parry Island Foldbelt	5236		361	311
Pedernal Uplift	5042			
Permian Basin	5044		10	
Piedmont	5069			
Powder River Basin	5033		88	

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Purissima-Iray Basin	5335			
Queen Charlotte Basin	5253			
Quesnel Basin	5251			
Raton Basin-Sierra Grande Uplift	5041			
Rocky Mountain Deformed Belt	5245	Priority	94	73
Sabinas Basin	5323		218	180
Sacramento Basin	5009		132	
Salina Basin	5054		269	
Saline-Comalcalco Basin	5304	Priority	96	75
Salton Trough	5016			
Salton Trough	5332		278	234
San Diego-Oceanside	5015			
San Joaquin Basin	5010		30	
San Juan Basin	5022		50	
Santa Barbara-Ventura Basin OCS	5093			
Santa Maria Basin	5012		119	
Scotian Shelf	5217		165	131
Sedgwick Basin	5059		149	
Shumagin-Kodiak Shelf OCS	5090			
Sidney Basin	5220			
Sierra Madre de Chiapas-Peten Foldbelt	5310		292	247
Sierra Madre Occidental Volcanic Plateau	5327			
Sierra Madre Oriental Foldbelt	5313			
Sinaloa	5329			
Sioux Arch	5032			
Sonoma-Livermore Basin	5008		366	
Sonoran Basin and Range	5331			
South-Central New Mexico	5026			
South Arctic Basin	5231			
Southeast Greenland Basin	5209			
Southern Alaska	5003		100	
Southern Arizona-Southwestern New Mexico		5025		
Southern Newfoundland Shelf	5216			
Southern Oklahoma	5061		80	
Southwest Montana	5029		283	
Southwestern Wyoming	5037		77	

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
St. George Basin OCS	5085			
St. Lawrence Lowlands	5224			
St. Matthew-Hall Basin OCS	5087			
Superior	5051			
Sverdrup Basin	5234	Boutique	405	353
Tamaulipas Arch	5324			
Tampico-Misantla Basin	5301	Priority	51	40
Tofino Basin	5254			
Torrecon-Sierra Madre Oriental Foldbelt	5319			
Trans-mexican Neovolcanic Axis	5316		395	343
Tuxla Uplift	5303			
Uinta-Piceance Basin	5020		102	
Ventura Basin	5013		72	
Veracruz Basin	5302	Boutique	227	189
Villahermosa Uplift	5305	Priority	16	14
Vizcaino Basin	5334		399	347
Wandel Sea Basin	5205			
West Greenland Basin	5208			
Western Great Basin	5018			
Western Gulf	5047		9	
Western Oregon-Washington	5004		333	
Whitehorse Basin	5249			
Williston Basin, Canada	5244	Priority	58	46
Williston Basin, U.S.	5031		98	
Wind River Basin	5035		154	
Wollaston Basin	5232			
Wyoming Thrust Belt	5036		134	
Yucatan Platform	5308		337	287
Yukon Basin	5247			

Region 6, Central and South America (122 Provinces)

Acre Basin	6042			
Altiplano Basin	6065		384	332
Amazonas Basin	6012		348	298
Andean Province	6006			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Araripe Province	6019			
Aves Ridge	6109			
Bahama Platform	6119			
Bahia Sul Basin	6033		311	264
Barinas-Apure Basin	6097		158	126
Barreieinas Basin	6025		375	323
Beata Ridge	6111			
Beni Basin	6044			
Bermejo Basin	6049			
Bolsones Basin	6048			
Bonaire Basin	6101			
Borbon Basin	6085			
Brazilian Shield	6003			
Brazilian Shield	6004			
Brazilian Shield	6005			
Caera Basin	6026		241	202
Campos Basin	6035	Priority	47	38
Cariaco Basin	6102		228	190
Cauca Basin	6086			
Cayman Ridge	6121			
Cayman Trough	6120			
Central Chile Forearc Basin	6074		342	292
Cesar Basin	6094		383	331
Chaco Basin	6047			
Chiapas Massif-Nuclear Central America	6122			
Choco Pacific Basin	6087			
Colorado Basin	6057			
Columbian Basin	6112			
Curico Basin	6068			
Cuyo Basin	6051		144	114
Deseado Province	6009			
Diamantina Province	6018			
Diego Ramirez Basin	6071			
East Patagonia Basin	6061			
East Venezuela Basin	6098	Priority	13	11
Eastern Cordillera Basin	6092		152	121

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Espirito Santo Basin	6034		239	200
Falcon Basin	6100		204	168
Familina Province	6007			
Foz de Amazonas Basin	6022		243	204
Greater Antilles Deformed Belt	6117			
Guajira Basin	6095		177	142
Guyana Basin	6021		271	228
Guyana Shield	6002			
Huallaga Basin	6039			
Jatoba Basin	6030			
Laboulaye-Macachin Basin	6053			
Lancones Basin	6082			
Lesser Antilles Deformed Belt	6107		202	166
Lima Basin	6077			
Llanos Basin	6096	Priority	53	41
Lower Magdalena	6091		209	173
Madre de Dios Basin	6072			
Madre dos Dios Basin	6043		101	78
Magallenes Basin	6059	Priority	66	54
Malvinas Basin	6063		299	254
Malvinas Plateau	6062			
Malvinas Trough	6064			
Manabi Basin	6084			
Maracaibo Basin	6099	Priority	11	9
Mascasin Basin	6050			
Maya Mountains	6125			
Mercedes Basin	6052			
Middle America Province	6113			
Middle Magdalena	6090	Priority	89	70
Mollendo-Tarapaca Basin	6075			
Moquegua-Tamaruga Basin	6066			
Neogene Volcanic Belt	6108			
Neuquen Basin	6055	Priority	61	49
Nirihuau Basin	6056			
North Malvinas Basin	6060			
North Nicaraguan Rise	6114			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
North Patagonia Province	6008			
Oran-Olmedo Basin	6046		236	197
Osorno-Llanquihue Basin	6070			
Pacific Offshore Basin	6088			
Parana Basin	6020		367	316
Parecis Province	6014			
Parnaiba Basin	6016			
Pelotas Basin	6037			
Penas Basin	6073			
Perija-Venezuela-Coastal Ranges	6093		398	346
Pernambuco Basin	6028			
Pisco Basin	6076			
Potigar Basin	6027		168	134
Progreso Basin	6083		219	181
Puerto Rico Trench	6118			
Putamayo-Orient-Maranon Basin	6041	Priority	56	44
Reconcavo Basin	6032		120	93
Salado Basin	6054			
Salar de Atacama Basin	6067			
Salaverry Basin	6078			
San Jorge Basin	6058	Priority	76	63
San Luis Basin	6024			
Santa Cruz-Tarija Basin	6045	Priority	75	62
Santana Platform	6023		341	291
Santiago Basin	6038			
Santos Basin	6036		185	150
Sao Francisco Basin	6017			
Sechura Basin	6080			
Sergipe-Alagoas Basin	6029		162	130
Sierra Nevada de Santa Marta	6105			
Solimoes Basin	6011		188	153
South Caribbean Deformed Belt	6104			
South Nicaraguan Rise	6115			
Sucunduri Province	6013			
Tacutu Basin	6010		400	348
Talara Basin	6081		113	88

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Temuco Basin	6069		394	342
Tobago Trough	6103	Priority	79	64
Trujillo Basin	6079			
Tucano Basin	6031		343	293
Ucayali Basin	6040		224	186
Upper Magdalena	6089		159	127
Venezuela Basin	6110			
West-Central Cordillera	6106			
Xingu Province	6015			
Yucatan Basin	6123			
Region 7, Sub-Saharan Africa and Antarctica (55 Provinces)				
Amhara Plateau	7161			
Amundsen/Bellingshausen Offshore	7470			
Antarctic Peninsula	7430			
Baffa	7105			
Benue	7136		223	185
Bransfield Offshore	7480			
Chad	7066		246	207
Damer Belt	7311			
E. Kalahari Precambrian Belt	7331			
East African Rift	7246			
East Zaire Precambrian Belt	7231			
Erdis Kufra	7075			
Etosha	7285			
Gulf of Guinea	7183	Boutique	183	148
Hoggar	7041			
Iullemmeden	7055			
Kalahari	7325			
Karoo	7355	Boutique		
Kerguelen Offshore	7500			
Khartoum	7087			
Luffillian Arch	7291			
Madagascar	7381			
Madagascar Offshore	7403			

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Marie Byrd Onshore	7510			
Morondava	7373		327	279
Mozambique Coastal	7343	Boutique	182	147
Niger Delta	7192	Priority	12	10
Nigerian Massive	7121			
Orange River Coastal	7303	Boutique	156	124
Polar Province	7490			
Queen Maud Offshore	7450			
Queen Maud Onshore	7460			
Ross Offshore	7550			
Scotia Ridge Offshore	7420			
Scott Offshore	7530			
Senegal	7013	Boutique	313	265
Seychelles	7417			
Somali	7255		172	138
Somali Deep Sea	7263			
South African Coastal	7363		171	137
South Red Sea Shield	7091			
Sud	7146	Boutique	145	115
Tamatave	7396			
Tanzania Coastal	7273		212	176
Taoudeni Basin	7035			
Transantarctic Mountains	7520			
Volta	7114			
Weddell Offshore	7440			
West-Central Coastal	7203	Priority	29	24
West African Coastal	7173			
West African Shield	7021			
West Zaire Precambrian Belt	7211			
Western Nubian Shield	7151			
Wilkes Onshore	7540			
Zaire	7225			

Region 8, South Asia (29 Provinces)

Afghan	8024			
--------	------	--	--	--

Appendix A2. An alphabetical list of geologic provinces of the world with code and rank of oil and gas provinces (continued).

Province Name	Province Code	Assessment Type	Rank	Rank excl. of U.S.
Assam	8034	Priority	83	67
Baluchistan	8022			
Bombay	8043	Priority	38	30
Cauvery	8044		244	205
Central Afghanistan	8023		276	233
Chindwara	8030			
Damodar	8032			
Ganges-Brahmaputra Delta	8047	Boutique	107	83
Himalayan Foreland	8028			
Himalayan	8002		332	284
Indian Shield	8003		401	349
Indo-Burman	8005		331	283
Indus	8042	Priority	87	69
Irrawaddy	8048	Boutique	103	79
Kohat-Potwar	8026		174	140
Konkan	8063			
Krishna-Godavari	8045		191	155
Lakshadweep	8062			
Mahanadi	8046			
Makran	8021			
Maldives	8061			
North Burma	8035		356	306
Pranhita-Godavari	8033			
Satpura-Brahmani	8031			
Southeast Afghanistan	8001			
Sri Lanka	8004			
Sulaiman-Kirthar	8025		99	77
Tenasserim-Shan	8006		291	246

Appendix B. Graphs showing numbers of fields by size class for each priority/boutique province of the world, exclusive of the United States. Data are from [Petroconsultants 1996](#) and [NRG Associates, Inc. \(1995b\)](#). The following list, arranged in order of province code, is an index to the 76 graphs that follow. The first digit of the code is the region number. The province rank by known petroleum volume is also included.

Prov. Code	Province Name	Rank	Rank excl. of U.S.
Region 1, Former Soviet Union (13 Priority Provinces)			
1008	Timan-Pechora Basin	27	22
1009	Dnieper-Donets Basin	45	36
1015	Volga-Ural Region	7	7
1016	North Caspian Basin	14	12
1050	South Barents Basin	44	35
1108	Azov-Kuban Basin	81	65
1109	Middle Caspian Basin	35	27
1112	South Caspian Basin	23	20
1150	North Ustyurt Basin	95	74
1154	Amu-Darya Basin	17	15
1174	West Siberian Basin	1	1
1210	Nepa-Botuoba Arch	63	51
1322	North Sakhalin Basin	62	50
Region 2, Middle East and North Africa (16 Priority Provinces)			
2004	Ma 'Rib-Al Jawf Basin	74	61
2014	Ghaba Salt Basin	69	57
2016	Fahud Salt Basin	59	47
2019	Rub Al Khali Basin	5	5
2020	Interior Homocline-Central Arch	57	45
2021	Greater Ghawar Uplift	3	3
2022	Qatar Arch	6	6
2023	Widyan Basin-Interior Platform	28	23
2024	Mesopotamian Foredeep Basin	2	2
2030	Zagros Fold Belt	4	4
2043	Sirte Basin	15	13
2048	Pelagian Basin	67	55
2054	Trias/Ghadames Basin	26	21
2056	Illizi Basin	40	32

Appendix B. Numbers of fields by size class for each priority/boutique province of the world, exclusive of the United States (continued).

Prov. Code	Province Name	Rank	Rank excl. of U.S.
2058	Grand Erg/Ahnet Basin	22	19
2071	Red Sea Basin	48	39
Region 3, Asia Pacific (15 Priority Provinces)			
3115	Jungger Basin	55	43
3127	Bohaiwan Basin	20	17
3144	Songliao Basin	32	25
3701	Baram Delta/Brunei-Sabah Basin	37	29
3702	Greater Sarawak Basin	34	26
3703	Malay Basin	41	33
3808	Central Sumatra Basin	36	28
3817	Kutei Basin	43	34
3822	North Sumatra Basin	65	53
3824	Northwest Java Basin	70	58
3828	South Sumatra Basin	73	60
3910	Bonaparte Gulf Basin	91	72
3913	Browse Basin	90	71
3930	Gippsland Basin	60	48
3948	Northwest Shelf	46	37
Region 4, Europe (9 Priority Provinces)			
4017	Vestford-Helgeland	64	52
4025	North Sea Graben	8	8
4035	Northwest German Basin	21	18
4036	Anglo-Dutch Basin	39	31
4047	North Carpathian Basin	82	66
4048	Pannonian Basin	71	59
4057	Transylvania	68	56
4060	Po Basin	84	68
4061	Carpathian-Balkanian	54	42

Appendix B. Numbers of fields by size class for each priority/boutique province of the world, exclusive of the United States (continued).

Prov. Code	Province Name	Rank	Rank excl. of U.S.
Region 5, North America (7 Priority Provinces)			
5215	Labrador-Newfoundland Shelf	97	76
5243	Alberta Basin	19	16
5244	Williston Basin, Canada	58	46
5245	Rocky Mountain Deformed Belt	94	73
5301	Tampico-Misantla Basin	51	40
5304	Saline-Comalcalco Basin	96	75
5305	Villahermosa Uplift	16	14
Region 6, Central and South America (11 Priority Provinces)			
6035	Campos Basin	47	38
6041	Putamayo-Orient-Maranon Basin	56	44
6045	Santa Cruz-Tarija Basin	75	62
6055	Neuquen Basin	61	49
6058	San Jorge Basin	76	63
6059	Magallenes Basin	66	54
6090	Middle Magdalena	89	70
6096	Llanos Basin	53	41
6098	East Venezuela Basin	13	11
6099	Maracaibo Basin	11	9
6103	Tobago Trough	79	64
Region 7, Sub-Saharan Africa and Antarctica (2 Priority Provinces)			
7192	Niger Delta	12	10
7203	West-Central Coastal	29	24
Region 8, South Asia (3 Priority Provinces)			
8034	Assam	83	67
8042	Indus	87	69
8043	Bombay	38	30

Appendix B. Numbers of fields by size class for each priority/boutique province of the world, exclusive of the United States (continued).

Prov. Code	Province Name	Rank	Rank excl. of U.S.
Boutique Provinces			
8048	Irrawaddy	103	79
8047	Ganges-Brahmaputra Delta	107	83
3142	Sichuan Basin	117	91
3154	Tarim Basin	124	96
3809	East Java Basin	125	97
3128	Ordos Basin	127	99
4019	Faeroes-Shetland-Orkney Basin	129	101
3825	Penyu/West Natuna Basin	130	102
3505	Saigon Basin	136	106
1209	Angara-Lena Terrace	139	109
7146	Sud	145	115
1159	Fergana Basin	155	123
7303	Orange River Coastal	156	124
1207	Baykit Arch	161	129
7343	Mozambique Coastal	182	147
7183	Gulf of Guinea	183	148
5302	Veracruz Basin	227	189
2029	Wadi-Surhan Basin	286	241
7013	Senegal	313	265
1211	Cis-Patom Foredeep	321	273
5234	Sverdrup Basin	405	353
1060	North Barents Basin		
4068	Provence Basin		
5200	East Greenland Rift Basins		
5207	Baffin Basin		
7355	Karoo		

Table 1. Ranking of world provinces that contain oil and gas by known petroleum volumes. The ranking given in the first column includes all geologic provinces. The ranking in the second column is exclusive (excl.) of United States provinces. Ninety-seven provinces contain over 95% of the world's known petroleum volume. Of those, 21 are in the U.S. and have already been assessed. The remaining 76 provinces contain 95% of the world's known petroleum volume exclusive of the United States' volumes and will be assessed by the U.S.G.S. These 76 provinces are called priority provinces. Plots shown in **Figures 1 and 2** were constructed using these rankings. [Gas includes both non-associated and associated-dissolved gas. NGL is natural gas liquids. Total known petroleum volume is the sum of oil, gas, and NGL volumes in terms of energy equivalent in barrels of oil. Percent and cumulative percent of world volume were calculated using the sum of the known petroleum volume (in billion barrels of oil equivalent). BB is billion barrels, TCF is trillion cubic feet, and BBOE is billion barrels of oil equivalent. For the BOE calculation, 6,000 cubic feet of gas equals 1 barrel of oil equivalent. Priority provinces are those ranked provinces that contribute 95% of the world's known petroleum volume exclusive of the United States' volumes. Boutique provinces are those provinces that will be assessed due to perceived political or strategic importance, or significant underdeveloped hydrocarbon potential. Data for United States onshore areas and State waters are from the Significant Oil and Gas Fields of the United States database (NRG Associates, Inc., 1995a) and are current through 1992. Data for Federal offshore areas are from Minerals Management Service (Lore and others, 1996) and are current through 1994. Canadian data are from the Significant Oil and Gas Pools of Canada database (NRG Associates, Inc., 1995b) and are current through 1993. All other data are from the Petroleum Exploration and Production Database (Petroconsultants, 1996) and are current through the second quarter of 1996. This ranking is considered preliminary; modifications in province boundaries and field and reserve assignments are ongoing. Blank, not reported; <, less than; nd, no data.]

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
1	1	1174	West Siberian Basin	Priority	140.4	1271.8	3.1	355.6	14.3	14.3
2	2	2024	Mesopotamian Foredeep Basin	Priority	292.4	298.3	1.8	344.0	13.8	28.1
3	3	2021	Greater Ghawar Uplift	Priority	141.7	248.6	8.6	191.7	7.7	35.8
4	4	2030	Zagros Fold Belt	Priority	121.6	399.4	1.4	189.5	7.6	43.4
5	5	2019	Rub Al Khali Basin	Priority	89.9	182.3	2.6	122.8	4.9	48.3
6	6	2022	Qatar Arch	Priority	1.2	465.6	13.8	92.5	3.7	52.0
7	7	1015	Volga-Ural Region	Priority	64.0	99.2	1.1	81.6	3.3	55.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
8	8	4025	North Sea Graben	Priority	44.1	160.6	6.0	76.9	3.1	58.4
9		5047	Western Gulf		26.9	251.6	7.5	76.2		
10		5044	Permian Basin		32.7	94.0	6.7	55.0		
11	9	6099	Maracaibo Basin	Priority	49.1	26.7	<0.1	53.6	2.2	60.6
12	10	7192	Niger Delta	Priority	34.8	93.9	2.8	53.3	2.1	62.7
13	11	6098	East Venezuela Basin	Priority	30.2	129.7	0.7	52.6	2.1	64.8
14	12	1016	North Caspian Basin	Priority	10.8	156.9	8.9	45.8	1.8	66.6
15	13	2043	Sirte Basin	Priority	36.7	37.7	0.1	43.1	1.7	68.4
16	14	5305	Villahermosa Uplift	Priority	35.0	41.3	0.1	42.0	1.7	70.1
17	15	1154	Amu-Darya Basin	Priority	0.8	230.4	1.2	40.3	1.6	71.7
18		5097	Gulf Cenozoic OCS		11.9	140.3	0.0	36.8		
19	16	5243	Alberta Basin	Priority	15.0	93.7	2.3	32.9	1.3	73.0
20	17	3127	Bohaiwan Basin	Priority	24.6	15.7	0.1	27.3	1.1	74.1
21	18	4035	Northwest German Basin	Priority	2.3	141.7	<0.1	25.9	1.0	75.1
22	19	2058	Grand Erg/Ahnet Basin	Priority	0.5	114.2	5.0	24.6	1.0	76.1
23	20	1112	South Caspian Basin	Priority	17.4	36.0	0.5	23.9	1.0	77.1
24		5001	Northern Alaska		14.4	33.0	1.1	21.0		
25		5058	Anadarko Basin		2.2	93.1	2.8	20.6		
26	21	2054	Trias/Ghadames Basin	Priority	15.3	25.1	1.0	20.5	0.8	77.9
27	22	1008	Timan-Pechora Basin	Priority	13.2	36.6	0.7	20.0	0.8	78.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
28	23	2023	Widyan Basin-Interior Platform	Priority	17.4	7.4	<0.1	18.7	0.8	79.5
29	24	7203	West-Central Coastal	Priority	14.5	12.2	0.1	16.6	0.7	80.1
30		5010	San Joaquin Basin		13.8	12.5	0.7	16.6		
31		5048	East Texas Basin		9.2	34.8	1.6	16.6		
32	25	3144	Songliao Basin	Priority	15.5	1.7	0.0	15.8	0.6	80.8
33		5049	Louisiana-Mississippi Salt Basins		7.1	42.8	1.3	15.6		
34	26	3702	Greater Sarawak Basin	Priority	0.8	82.3	0.4	14.9	0.6	81.4
35	27	1109	Middle Caspian Basin	Priority	9.6	28.7	0.1	14.4	0.6	81.9
36	28	3808	Central Sumatra Basin	Priority	13.2	3.9	<0.1	13.9	0.6	82.5
37	29	3701	Baram Delta/Brunei-Sabah Basin	Priority	6.9	36.2	0.2	13.1	0.5	83.0
38	30	8043	Bombay	Priority	8.4	24.2	0.3	12.7	0.5	83.5
39	31	4036	Anglo-Dutch Basin	Priority	0.6	71.7	0.1	12.7	0.5	84.0
40	32	2056	Illizi Basin	Priority	3.7	45.1	0.9	12.1	0.5	84.5
41	33	3703	Malay Basin	Priority	3.7	48.3	0.3	12.0	0.5	85.0
42		5043	Palo Duro Basin		1.8	48.4	2.1	11.9		
43	34	3817	Kutei Basin	Priority	2.9	45.8	1.3	11.8	0.5	85.5
44	35	1050	South Barents Basin	Priority	0.0	70.0	0.1	11.8	0.5	86.0
45	36	1009	Dnieper-Donets Basin	Priority	1.6	59.1	0.2	11.7	0.5	86.4

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
46	37	3948	Northwest Shelf	Priority	1.1	56.7	1.0	11.6	0.5	86.9
47	38	6035	Campos Basin	Priority	10.1	6.2	<0.1	11.2	0.4	87.3
48	39	2071	Red Sea Basin	Priority	9.2	8.5	0.3	10.9	0.4	87.8
49		5014	Los Angeles Basin		8.6	7.0	0.4	10.1		
50		5022	San Juan Basin		0.3	38.2	1.4	8.0		
51	40	5301	Tampico-Misantla Basin	Priority	6.9	6.7	<0.1	8.0	0.3	88.1
52		5045	Bend Arch-Fort Worth Basin		4.9	11.7	0.8	7.7		
53	41	6096	Llanos Basin	Priority	5.4	10.3	0.2	7.3	0.3	88.4
54	42	4061	Carpathian-Balkanian Basin	Priority	5.9	7.3	0.1	7.2	0.3	88.7
55	43	3115	Jungger Basin	Priority	6.8	2.4	0.0	7.2	0.3	89.0
56	44	6041	Putamayo-Orient- Maranon Basin	Priority	6.6	1.6	0.0	6.9	0.3	89.2
57	45	2020	Interior Homocline- Central Arch	Priority	4.9	9.9	0.3	6.8	0.3	89.5
58	46	5244	Williston Basin, Canada	Priority	3.6	18.2	0.1	6.7	0.3	89.8
59	47	2016	Fahud Salt Basin	Priority	4.5	10.0	0.2	6.3	0.3	90.0
60	48	3930	Gippsland Basin	Priority	3.9	9.8	0.7	6.2	0.2	90.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
61	49	6055	Neuquen Basin	Priority	2.4	20.7	0.3	6.2	0.2	90.5
62	50	1322	North Sakhalin Basin	Priority	2.2	22.4	0.2	6.1	0.2	90.8
63	51	1210	Nepa-Botuoba Arch	Priority	2.0	22.0	0.3	6.0	0.2	91.0
64	52	4017	Vestford-Helgeland	Priority	2.7	15.7	0.7	6.0	0.2	91.3
65	53	3822	North Sumatra Basin	Priority	0.7	25.6	0.9	5.9	0.2	91.5
66	54	6059	Magallenes Basin	Priority	1.2	24.8	0.2	5.6	0.2	91.7
67	55	2048	Pelagian Basin	Priority	2.2	17.2	0.1	5.2	0.2	91.9
68	56	4057	Transylvania	Priority	<0.1	30.7	0.0	5.1	0.2	92.1
69	57	2014	Ghaba Salt Basin	Priority	1.4	19.0	0.5	5.0	0.2	92.3
70	58	3824	Northwest Java Basin	Priority	3.2	8.1	0.2	4.7	0.2	92.5
71	59	4048	Pannonian Basin	Priority	2.2	13.8	0.1	4.6	0.2	92.7
72		5013	Ventura Basin		3.4	5.8	0.2	4.6		
73	60	3828	South Sumatra Basin	Priority	2.4	10.7	0.1	4.3	0.2	92.9
74	61	2004	Ma 'Rib-Al Jawf Basin	Priority	1.2	16.6	0.3	4.3	0.2	93.1
75	62	6045	Santa Cruz-Tarija Basin	Priority	0.3	18.8	0.6	4.1	0.2	93.2
76	63	6058	San Jorge Basin	Priority	3.3	3.6	<0.1	3.9	0.2	93.4
77		5037	Southwestern Wyoming		0.8	16.3	0.4	3.9		
78		5064	Illinois Basin		3.9	<0.1	0.0	3.9		
79	64	6103	Tobago Trough	Priority	<0.1	22.6	0.1	3.9	0.2	93.5
80		5061	Southern Oklahoma		3.1	2.7	0.2	3.8		
81	65	1108	Azov-Kuban Basin	Priority	0.5	18.6	0.1	3.7	0.1	93.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
82	66	4047	North Carpathian Basin	Priority	0.9	16.3	<0.1	3.7	0.1	93.8
83	67	8034	Assam	Priority	2.5	6.5	<0.1	3.6	0.1	94.0
84	68	4060	Po Basin	Priority	0.4	18.9	<0.1	3.6	0.1	94.1
85		5062	Arkoma Basin		0.9	15.6	<0.1	3.5		
86		5055	Nemaha Uplift		2.7	2.8	0.3	3.5		
87	69	8042	Indus	Priority	0.2	19.6	<0.1	3.5	0.1	94.3
88		5033	Powder River Basin		2.8	2.6	0.2	3.4		
89	70	6090	Middle Magdalena	Priority	2.4	5.0	0.1	3.3	0.1	94.4
90	71	3913	Browse Basin	Priority	<0.1	18.0	0.2	3.2	0.1	94.5
91	72	3910	Bonaparte Gulf Basin	Priority	0.5	13.3	0.4	3.2	0.1	94.6
92		5034	Big Horn Basin		2.7	1.8	<0.1	3.0		
93		5053	Cambridge Arch-Central Kansas Uplift		2.9	0.6	<0.1	3.0		
94	73	5245	Rocky Mountain Deformed Belt	Priority	0.2	13.8	0.4	2.9	0.1	94.8
95	74	1150	North Ustyurt Basin	Priority	2.4	2.4	<0.1	2.8	0.1	94.9
96	75	5304	Saline-Comalcalco Basin	Priority	2.4	2.2	0.0	2.7	0.1	95.0
97	76	5215	Labrador-Newfoundland Shelf	Priority	1.6	6.6	0.0	2.7	0.1	95.1
98		5031	Williston Basin, U.S.		2.1	2.4	0.2	2.7		

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
99	77	8025	Sulaiman-Kirthar		<0.1	15.8	<0.1	2.7	0.1	95.2
100		5003	Southern Alaska		1.3	7.5	<0.1	2.6		
101	78	6043	Madre dos Dios Basin		<0.1	10.8	0.7	2.5	0.1	95.3
102		5020	Uinta-Piceance Basin		1.6	4.7	0.1	2.5		
103	79	8048	Irrawaddy	Boutique	0.7	10.3	0.1	2.5	0.1	95.4
104	80	1175	Yenisey-Khatanga Basin		<0.1	14.2	0.1	2.5	0.1	95.5
105	81	2070	Mediterranean Basin		<0.1	12.5	0.4	2.5	0.1	95.6
106	82	2012	East Flank Oman Sub-basin		2.4	0.1	0.0	2.4	0.1	95.7
107	83	8047	Ganges-Bramaputra Delta	Boutique	<0.1	14.3	0.1	2.4	0.1	95.8
108	84	3966	New Guinea Foreland Basin-Fold Belt		0.4	11.0	0.1	2.4	0.1	95.9
109	85	4033	German-Polish Basin		0.1	13.7	<0.1	2.4	0.1	96.0
110	86	4044	Pyrenean Foothills-Ebro Basin		0.1	12.6	0.1	2.3	0.1	96.1
111		5060	Cherokee Platform		2.1	1.4	<0.1	2.3		
112	87	2011	South Oman Salt Basin		2.2	0.5	<0.1	2.3	0.1	96.2
113	88	6081	Talara Basin		1.7	2.9	0.0	2.2	0.1	96.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
114	89	3805	Bintuni/Sulawati Province		0.5	9.5	<0.1	2.1	0.1	96.3
115		5063	Michigan Basin		1.1	3.9	0.2	2.0		
116	90	3507	Thai Basin		0.2	8.9	0.3	1.9	0.1	96.4
117	91	3142	Sichuan Basin	Boutique	0.1	10.8	<0.1	1.9	0.1	96.5
118	92	1214	Lena-Vilyuy Basin		0.0	10.4	0.2	1.9	0.1	96.6
119		5012	Santa Maria Basin		1.5	1.5	0.1	1.9		
120	93	6032	Reconcavo Basin		1.5	2.0	<0.1	1.9	0.1	96.6
121	94	4030	Irish Sea		0.2	9.6	<0.1	1.8	0.1	96.7
122	95	3924	Eromanga Basin		0.3	8.5	0.1	1.8	0.1	96.8
123		5039	Denver Basin		0.9	3.5	0.3	1.8		
124	96	3154	Tarim Basin	Boutique	0.7	5.0	0.2	1.7	0.1	96.9
125	97	3809	East Java Basin	Boutique	0.4	7.6	<0.1	1.7	0.1	96.9
126	98	3031	Taranaki Basin		0.2	7.2	0.2	1.7	0.1	97.0
127	99	3128	Ordos Basin	Boutique	0.7	5.6	0.0	1.6	0.1	97.1
128	100	5300	Burgos Basin		<0.1	8.1	0.2	1.6	0.1	97.1
129	101	4019	Faeroes-Shetland- Orkney Basin	Boutique	1.3	2.0	<0.1	1.6	0.1	97.2
130	102	3825	Penyu/West Natuna Basin	Boutique	0.6	5.7	<0.1	1.6	0.1	97.2

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
131	103	4015	Hammerfest-Varanger Basin		0.1	8.4	0.1	1.5	0.1	97.3
132		5009	Sacramento Basin		<0.1	9.2	<0.1	1.5		
133	104	2039	North Egypt Basin		0.7	4.2	0.2	1.5	0.1	97.4
134		5036	Wyoming Thrust Belt		0.2	4.0	0.7	1.5		
135	105	4046	Bohemia		0.9	3.3	<0.1	1.4	0.1	97.4
136	106	3505	Saigon Basin	Boutique	0.2	6.0	0.2	1.4	0.1	97.5
137	107	1156	Afghan-Tajik Basin		0.1	7.5	0.1	1.4	0.1	97.5
138	108	3159	Yingehai Basin		0.0	8.4	<0.1	1.4	0.1	97.6
139	109	1209	Angara-Lena Terrace	Boutique	0.0	8.1	0.1	1.4	0.1	97.7
140	110	4051	Alps		0.3	6.2	<0.1	1.4	0.1	97.7
141	111	3605	Palawan Shelf		0.2	5.6	0.2	1.4	0.1	97.8
142	112	2074	Khleisha Uplift		1.2	0.8	<0.1	1.4	0.1	97.8
143	113	2089	Anah Graben		1.2	1.2	<0.1	1.4	0.1	97.9
144	114	6051	Cuyo Basin		1.3	0.3	0.0	1.4	0.1	97.9
145	115	7146	Sud	Boutique	1.4	<0.1	0.0	1.4	0.1	98.0
146	116	1059	Ludlov Saddle		0.0	8.1	0.0	1.4	0.1	98.0
147	117	2038	Abu Gharadiq Basin		0.5	3.9	0.2	1.3	0.1	98.1
148	118	2075	Euphrates/Mardin		1.0	1.8	<0.1	1.3	0.1	98.1
149		5059	Sedgwick Basin		0.9	2.2	<0.1	1.3		
150	119	5306	Macuspana Basin		<0.1	5.9	0.2	1.2	<0.1	98.2

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
151	120	3503	Mekong/Cuulong/Vung Tau Basin		0.9	1.3	<0.1	1.2	<0.1	98.2
152	121	6092	Eastern Cordillera Basin		<0.1	5.0	0.3	1.1	<0.1	98.3
153	122	2045	Murzuk Basin		1.1	0.0	0.0	1.1	<0.1	98.3
154		5035	Wind River Basin		0.5	2.8	<0.1	1.1		
155	123	1159	Fergana Basin	Boutique	0.8	1.5	<0.1	1.1	<0.1	98.4
156	124	7303	Orange River Coastal	Boutique	<0.1	6.0	0.0	1.0	<0.1	98.4
157	125	3606	Pamusian Tarakan Basin		0.4	3.6	<0.1	1.0	<0.1	98.5
158	126	6097	Barinas-Apure Basin		1.0	0.0	0.0	1.0	<0.1	98.5
159	127	6089	Upper Magdalena		0.9	0.4	<0.1	1.0	<0.1	98.5
160	128	2047	Hamra Basin		0.8	0.9	0.0	1.0	<0.1	98.6
161	129	1207	Baykit Arch	Boutique	<0.1	5.1	0.1	0.9	<0.1	98.6
162	130	6029	Sergipe-Alagoas Basin		0.7	1.4	<0.1	0.9	<0.1	98.6
163		5028	North-Central Montana		0.5	2.3	<0.1	0.9		
164		5021	Paradox Basin		0.6	0.9	0.1	0.8		
165	131	5217	Scotian Shelf		<0.1	4.7	0.0	0.8	<0.1	98.7
166	132	4040	Anglo-Paris Basin		0.7	0.4	<0.1	0.8	<0.1	98.7
167	133	4058	Adriatic Basin		0.6	1.0	<0.1	0.8	<0.1	98.7
168	134	6027	Potigar Basin		0.6	0.9	<0.1	0.8	<0.1	98.8

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
169	135	1167	South Turgay Basin		0.7	0.5	0.0	0.8	<0.1	98.8
170	136	3130	Pearl River Mouth Basin		0.7	0.3	<0.1	0.8	<0.1	98.8
171	137	7363	South African Coastal		0.1	3.3	0.1	0.7	<0.1	98.9
172	138	7255	Somali		<0.1	4.2	<0.1	0.7	<0.1	98.9
173	139	3126	Nanyang Basin		0.7	0.0	0.0	0.7	<0.1	98.9
174	140	8026	Kohat-Potwar		0.3	1.9	<0.1	0.7	<0.1	98.9
175	141	3147	Subei Yellow Sea Basin		0.6	0.3	0.0	0.7	<0.1	99.0
176		5011	Central Coastal		0.6	0.1	<0.1	0.7		
177	142	6095	Guajira Basin		0.0	3.9	<0.1	0.7	<0.1	99.0
178	143	2077	Palmyra Zone		0.1	3.3	<0.1	0.6	<0.1	99.0
179	144	2009	Masila-Jeza Basin		0.6	<0.1	<0.1	0.6	<0.1	99.1
180	145	4066	Sicily		0.5	0.7	<0.1	0.6	<0.1	99.1
181	146	3131	Qaidam Basin		0.5	0.8	0.0	0.6	<0.1	99.1
182	147	7343	Mozambique Coastal	Boutique	0.0	3.7	0.0	0.6	<0.1	99.1
183	148	7183	Gulf of Guinea	Boutique	0.2	1.9	<0.1	0.6	<0.1	99.2
184	149	1010	Pripyat Basin		0.6	<0.1	0.0	0.6	<0.1	99.2
185	150	6036	Santos Basin		0.3	1.1	<0.1	0.5	<0.1	99.2
186	151	4049	Molasse Basin		0.1	2.2	<0.1	0.5	<0.1	99.2
187	152	3308	Niigata Basin		0.1	2.2	<0.1	0.5	<0.1	99.2
188	153	6011	Solimoes Basin		0.1	2.3	<0.1	0.5	<0.1	99.3

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
189		5065	Black Warrior Basin		<0.1	2.7	<0.1	0.5		
190	154	1165	Chu-Sarysu Basin		0.0	2.7	<0.1	0.5	<0.1	99.3
191	155	8045	Krishna-Godavari		0.2	1.4	<0.1	0.4	<0.1	99.3
192	156	2035	Nile Delta Basin		<0.1	2.4	<0.1	0.4	<0.1	99.3
193	157	1105	North Crimea Basin		<0.1	2.5	<0.1	0.4	<0.1	99.3
194	158	4021	Baltic Depression		0.4	0.1	0.0	0.4	<0.1	99.3
195	159	1113	Kura Basin		0.4	0.2	0.0	0.4	<0.1	99.4
196	160	2046	Fezzan Uplift		0.4	0.1	0.0	0.4	<0.1	99.4
197	161	3969	Papuan Basin-Shelf Platform		0.0	2.2	<0.1	0.4	<0.1	99.4
198	162	4045	Aquitaine Basin		0.4	<0.1	0.0	0.4	<0.1	99.4
199	163	3304	Japan Volcanic Arc/Accreted Terrane		0.1	1.6	<0.1	0.4	<0.1	99.4
200	164	3151	Taiwan Thrust and Fold Belt		<0.1	2.0	<0.1	0.4	<0.1	99.4
201	165	4026	Ireland-Scotland Platform		0.1	1.8	<0.1	0.4	<0.1	99.5
202	166	6107	Lesser Antilles Deformed Belt		0.3	0.1	0.0	0.4	<0.1	99.5
203	167	3109	East China Sea Basin		0.1	1.4	<0.1	0.3	<0.1	99.5
204	168	6100	Falcon Basin		0.2	0.8	<0.1	0.3	<0.1	99.5

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
205	169	4062	Tuscany-Latium-Paola		<0.1	2.0	0.0	0.3	<0.1	99.5
206	170	3103	Beibuwan Basin		0.3	0.1	<0.1	0.3	<0.1	99.5
207	171	5246	Mackenzie Foldbelt		0.2	0.4	0.0	0.3	<0.1	99.5
208	172	4083	Iberic Cordillera		0.3	0.2	<0.1	0.3	<0.1	99.5
209	173	6091	Lower Magdalena		0.1	1.3	<0.1	0.3	<0.1	99.6
210	174	3181	South China Continental Shelf Slope		<0.1	1.6	0.0	0.3	<0.1	99.6
211	175	3112	Jiangnan Basin		0.3	<0.1	0.0	0.3	<0.1	99.6
212	176	7273	Tanzania Coastal		0.0	1.8	0.0	0.3	<0.1	99.6
213	177	4064	West Black Sea Basin		0.1	0.8	<0.1	0.3	<0.1	99.6
214	178	3958	Surat Basin		<0.1	1.4	<0.1	0.3	<0.1	99.6
215		5098	Gulf Mesozoic OCS		<0.1	1.6	0.0	0.3		
216	179	5225	Algonquin Arch- Michigan Basin		0.1	1.2	0.0	0.3	<0.1	99.6
217		5066	Cincinnati Arch		0.1	1.0	0.0	0.3		
218	180	5323	Sabinas Basin		<0.1	1.5	<0.1	0.3	<0.1	99.6
219	181	6083	Progreso Basin		0.2	0.5	0.0	0.3	<0.1	99.7
220	182	3903	Amadeus Basin		<0.1	1.2	<0.1	0.3	<0.1	99.7
221	183	5317	Chicontepec Basin		0.3	<0.1	0.0	0.3	<0.1	99.7
222	184	2015	Central Oman Platform		0.1	1.0	<0.1	0.3	<0.1	99.7
223	185	7136	Benue		<0.1	1.3	<0.1	0.2	<0.1	99.7

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
224	186	6040	Ucayali Basin		<0.1	0.9	<0.1	0.2	<0.1	99.7
225	187	4016	Baltic Shield-Norwegian Caledonides		0.2	0.5	0.0	0.2	<0.1	99.7
226	188	3114	Jiuquan Minle Wuwei Basin		0.2	<0.1	0.0	0.2	<0.1	99.7
227	189	5302	Veracruz Basin	Boutique	0.1	0.6	<0.1	0.2	<0.1	99.7
228	190	6102	Cariaco Basin		<0.1	1.2	<0.1	0.2	<0.1	99.7
229	191	3306	Kanto Basin		0.0	1.3	0.0	0.2	<0.1	99.7
230	192	2006	Shabwah Basin		0.1	0.6	<0.1	0.2	<0.1	99.8
231	193	3508	Thailand Mesozoic Basin Belt		0.2	0.3	0.0	0.2	<0.1	99.8
232	194	3110	Erlian Basin		0.2	<0.1	0.0	0.2	<0.1	99.8
233		5056	Forest City Basin		0.2	<0.1	<0.1	0.2		
234	195	3950	Otway Basin		<0.1	1.2	<0.1	0.2	<0.1	99.8
235	196	3156	Turpan Basin		0.2	0.1	<0.1	0.2	<0.1	99.8
236	197	6046	Oran-Olmedo Basin		0.1	0.3	<0.1	0.2	<0.1	99.8
237	198	4023	Horda-Norwegian-Danish Basin		0.2	<0.1	0.0	0.2	<0.1	99.8
238	199	2031	Zagros Thrust Zone		0.2	0.0	0.0	0.2	<0.1	99.8
239	200	6034	Espirito Santo Basin		0.1	0.2	<0.1	0.2	<0.1	99.8
240	201	3804	Barito Basin		0.1	0.2	0.0	0.2	<0.1	99.8

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
241	202	6026	Caera Basin		0.1	0.2	<0.1	0.2	<0.1	99.8
242	203	4075	Aegean		0.1	0.3	<0.1	0.2	<0.1	99.8
243	204	6022	Foz de Amazonas Basin		<0.1	0.9	0.0	0.1	<0.1	99.8
244	205	8044	Cauvery		0.1	0.4	<0.1	0.1	<0.1	99.8
245	206	2033	Sinai Basin		0.1	<0.1	0.0	0.1	<0.1	99.9
246	207	7066	Chad		0.1	0.1	<0.1	0.1	<0.1	99.9
247	208	3124	Luxi Jiaoliao Uplift		0.1	<0.1	0.0	0.1	<0.1	99.9
248		5040	Las Animas Arch		0.1	0.1	<0.1	0.1		
249	209	3952	Perth Basin		<0.1	0.7	<0.1	0.1	<0.1	99.9
250	210	3833	Sumatra/Java Magmatic Arc		<0.1	0.5	<0.1	0.1	<0.1	99.9
251	211	3502	Khorat Platform		0.0	0.7	<0.1	0.1	<0.1	99.9
252	212	3146	South China Fold Belt		0.1	0.2	0.0	0.1	<0.1	99.9
253		5050	Florida Peninsula		0.1	<0.1	0.0	0.1		
254	213	3135	Qinling Dabieshan Fold Belt		0.1	0.0	0.0	0.1	<0.1	99.9
255	214	4055	Rhine Graben		0.1	<0.1	0.0	0.1	<0.1	99.9
256	215	1011	Russian Craton Margin		<0.1	0.5	<0.1	0.1	<0.1	99.9
257	216	3806	Bone Basin		0.0	0.6	0.0	0.1	<0.1	99.9
258		5067	Appalachian Basin		0.0	0.5	0.0	0.1		
259	217	4011	Svalbard High		0.0	0.5	0.0	0.1	<0.1	99.9

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
260	218	3611	Sulu Sea Basin		<0.1	0.4	<0.1	0.1	<0.1	99.9
261	219	1300	Anadyr Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
262	220	3153	Taixinan Basin		<0.1	0.5	<0.1	0.1	<0.1	99.9
263	221	2081	Lesser Caucasus		<0.1	0.3	<0.1	0.1	<0.1	99.9
264	222	3907	Bass Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
265	223	3803	Banda Arc		0.1	<0.1	0.0	0.1	<0.1	99.9
266	224	5242	Northern Interior Basins		0.0	0.4	0.0	0.1	<0.1	99.9
267	225	2085	Thrace/Samsun		<0.1	0.4	<0.1	0.1	<0.1	99.9
268	226	3832	Sumatra/Java Fore-Arc Basins		0.0	0.4	0.0	0.1	<0.1	99.9
269		5054	Salina Basin		0.1	0.1	0.0	0.1		
270	227	3303	Ishikari Hidaka Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
271	228	6021	Guyana Basin		0.1	0.0	0.0	0.1	<0.1	99.9
272	229	3316	Tsushima Basin		0.0	0.4	<0.1	0.1	<0.1	99.9
273	230	3301	Akita Basin		<0.1	<0.1	0.0	0.1	<0.1	99.9
274	231	2026	Jafr-Tabuk Basin		<0.1	0.3	<0.1	0.1	<0.1	99.9
275	232	3916	Carnarvon Basin		<0.1	0.1	0.0	0.1	<0.1	99.9
276	233	8023	Central Afghanistan		<0.1	0.3	0.0	0.1	<0.1	99.9
277		5019	Eastern Great Basin		<0.1	<0.1	0.0	<0.1		
278	234	5332	Salton Trough		0.0	0.3	<0.1	<0.1	<0.1	99.9

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
279	235	3161	Yunnan Guizhou Hubei Fold Belt		<0.1	<0.1	0.0	<0.1	<0.1	99.9
280	236	1158	Tian Shan Foldbelt		<0.1	<0.1	0.0	<0.1	<0.1	99.9
281	237	2032	Levantine Basin		<0.1	0.1	<0.1	<0.1	<0.1	99.9
282	238	2061	Ougarta Uplift		<0.1	<0.1	0.0	<0.1	<0.1	100.0
283		5029	Southwest Montana		<0.1	0.2	<0.1	<0.1		
284	239	2076	Haleb		<0.1	<0.1	0.0	<0.1	<0.1	100.0
285	240	2053	Atlas Uplift		<0.1	<0.1	<0.1	<0.1	<0.1	100.0
286	241	2029	Wadi-Surhan Basin	Boutique	0.0	0.2	0.0	<0.1	<0.1	100.0
287	242	4077	Alentejo-Guadalquivir Basin		0.0	0.2	0.0	<0.1	<0.1	100.0
288	243	3207	Temtsag Hailar Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
289	244	3821	North Banda Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
290	245	3305	Joban Basin		0.0	0.2	<0.1	<0.1	<0.1	100.0
291	246	8006	Tenasserim-Shan		<0.1	0.1	0.0	<0.1	<0.1	100.0
292	247	5310	Sierra Madre de Chiapas-Peten Foldbelt		<0.1	0.1	<0.1	<0.1	<0.1	100.0
293	248	1051	Kola Monocline- Finnmark Platform		<0.1	0.0	0.0	<0.1	<0.1	100.0
294	249	4012	Central Barents Platform		0.0	0.2	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
295	250	2072	Rif Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
296	251	1203	Tunguska Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
297	252	3819	Meratus High		<0.1	0.1	0.0	<0.1	<0.1	100.0
298	253	4038	Munsterland Basin		0.0	0.2	0.0	<0.1	<0.1	100.0
299	254	6063	Malvinas Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
300		5024	Northern Arizona		<0.1	<0.1	<0.1	<0.1		
301	255	4070	Spanish Trough- Cantabrian Zone		<0.1	<0.1	0.0	<0.1	<0.1	100.0
302	256	2064	Essaouni Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
303	257	3829	Sulawesi Accretionary Prism		0.0	0.1	<0.1	<0.1	<0.1	100.0
304	258	3160	Yinshan Da and Xiao Hingganling Uplift		<0.1	0.1	0.0	<0.1	<0.1	100.0
305	259	3162	Zhangguangcailing Uplift		<0.1	<0.1	0.0	<0.1	<0.1	100.0
306	260	1328	Tatar Strait Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
307		5007	Northern Coastal		<0.1	0.1	0.0	<0.1		
308	261	3125	Nanpanjiang Depression		<0.1	<0.1	0.0	<0.1	<0.1	100.0
309	262	1311	West Kamchatka Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
310	263	3802	Bali Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
311	264	6033	Bahia Sul Basin		<0.1	0.1	<0.1	<0.1	<0.1	100.0
312		5038	Park Basins		<0.1	<0.1	0.0	<0.1		
313	265	7013	Senegal	Boutique	<0.1	<0.1	0.0	<0.1	<0.1	100.0
314	266	3118	Kunlunshan Fold Belt		<0.1	<0.1	0.0	<0.1	<0.1	100.0
315	267	3609	Reed Bank Basin		0.0	0.1	<0.1	<0.1	<0.1	100.0
316	268	3204	Gobi Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
317	269	1103	Dobrogea Foreland		<0.1	<0.1	0.0	<0.1	<0.1	100.0
318	270	3810	East Natuna Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
319	271	3823	Northern Irian Jaya Waropen Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
320	272	4027	Midland Valley-Forth Approaches Basin		<0.1	0.1	0.0	<0.1	<0.1	100.0
321	273	1211	Cis-Patom Foredeep	Boutique	0.0	0.1	0.0	<0.1	<0.1	100.0
322	274	2060	Reggane Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
323	275	3113	Jiangnan South Jiangsu Fold Belt		0.0	0.1	0.0	<0.1	<0.1	100.0
324	276	5320	Parras Basin		0.0	0.1	0.0	<0.1	<0.1	100.0
325	277	3911	Bowen Basin		0.0	0.1	<0.1	<0.1	<0.1	100.0
326	278	3140	Shanxi Plateau		0.0	0.1	0.0	<0.1	<0.1	100.0
327	279	7373	Morondava		0.0	0.1	<0.1	<0.1	<0.1	100.0
328	280	2101	Arabian Shield		<0.1	0.1	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	excl. of Rank U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
329	281	4013	Barents Continental Slope		0.0	0.1	0.0	<0.1	<0.1	100.0
330	282	4028	Mid-North Sea High		0.0	0.1	0.0	<0.1	<0.1	100.0
331	283	8005	Indo-Burman		0.0	0.1	0.0	<0.1	<0.1	100.0
332	284	8002	Himalyan		<0.1	0.1	0.0	<0.1	<0.1	100.0
333		5004	Western Oregon- Washington		0.0	0.1	0.0	<0.1		
334		5046	Marathon Thrust Belt		<0.1	<0.1	<0.1	<0.1		
335	285	2007	Sharmah Rift Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
336	286	1302	Khatyrka Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
337	287	5308	Yucatan Platform		<0.1	0.1	0.0	<0.1	<0.1	100.0
338	288	2040	Cyrenaica Uplift		0.0	0.1	0.0	<0.1	<0.1	100.0
339	289	3310	Ryukyu Volcanic Arc		0.0	0.1	0.0	<0.1	<0.1	100.0
340	290	3815	Java/Banda Sea		<0.1	<0.1	0.0	<0.1	<0.1	100.0
341	291	6023	Santana Platform		<0.1	<0.1	0.0	<0.1	<0.1	100.0
342	292	6074	Central Chile Forearc Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
343	293	6031	Tucano Basin		<0.1	<0.1	<0.1	<0.1	<0.1	100.0
344	294	3312	Sea Of Japan Backarc Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
345	295	3914	Canning Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
346	296	1204	Turukhan-Norilsk Folded Zone		<0.1	<0.1	0.0	<0.1	<0.1	100.0
347	297	1111	Rioni Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
348	298	6012	Amazonas Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
349	299	2079	Adana/Sivas		<0.1	<0.1	0.0	<0.1	<0.1	100.0
350	300	3149	Taihangshan Yanshan Fold Belt		<0.1	0.0	0.0	<0.1	<0.1	100.0
351	301	2052	Tellian Foredeep		<0.1	<0.1	0.0	<0.1	<0.1	100.0
352	302	3602	Cagayan Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
353	303	3816	Ketuneau/Sintang Terrane		<0.1	<0.1	0.0	<0.1	<0.1	100.0
354	304	1327	Aniva Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
355	305	3007	Great South Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
356	306	8035	North Burma		<0.1	<0.1	0.0	<0.1	<0.1	100.0
357	307	3801	Arafura Basin-Irian Jaya		0.0	<0.1	0.0	<0.1	<0.1	100.0
358	308	1223	Upper Bureya Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
359	309	3612	Visayan		<0.1	<0.1	0.0	<0.1	<0.1	100.0
360	310	3704	Malay Peninsula		<0.1	<0.1	0.0	<0.1	<0.1	100.0
361	311	5236	Parry Island Foldbelt		<0.1	0.0	0.0	<0.1	<0.1	100.0
362	312	3102	Altunshan Fold Belt		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
363	313	3136	Qiongdongnan Basin		<0.1	0.0	0.0	<0.1	100.0	
364	314	3404	Korba Bay Basin		<0.1	0.0	0.0	<0.1	100.0	
365	315	2034	South Harrah Volcanics		<0.1	0.0	0.0	<0.1	100.0	
366		5008	Sonoma-Livermore Basin		<0.1	0.0	0.0	<0.1		
367	316	6020	Parana Basin		<0.1	<0.1	0.0	<0.1	100.0	
368		5027	Montana Thrust Belt		0.0	<0.1	<0.1	<0.1		
369	317	4071	Dinaric Alps		<0.1	<0.1	<0.1	<0.1	100.0	
370	318	1004	Belorussian-Voronezh High		<0.1	0.0	0.0	<0.1	100.0	
371	319	3134	Qilianshan Fold Belt		<0.1	0.0	0.0	<0.1	100.0	
372	320	3959	Sydney Basin		0.0	<0.1	0.0	<0.1	100.0	
373	321	5321	Coahuila Platform		0.0	<0.1	0.0	<0.1	100.0	
374	322	4052	Jura		<0.1	<0.1	0.0	<0.1	100.0	
375	323	6025	Barreieinas Basin		<0.1	<0.1	0.0	<0.1	100.0	
376	324	4082	Tajo-Duero Basin		<0.1	<0.1	0.0	<0.1	100.0	
377	325	2078	Beirut		0.0	<0.1	0.0	<0.1	100.0	
378	326	3608	Philippine Magmatic Arc		<0.1	0.0	0.0	<0.1	100.0	

Table 1. Ranking of world oil and gas provinces (continued).

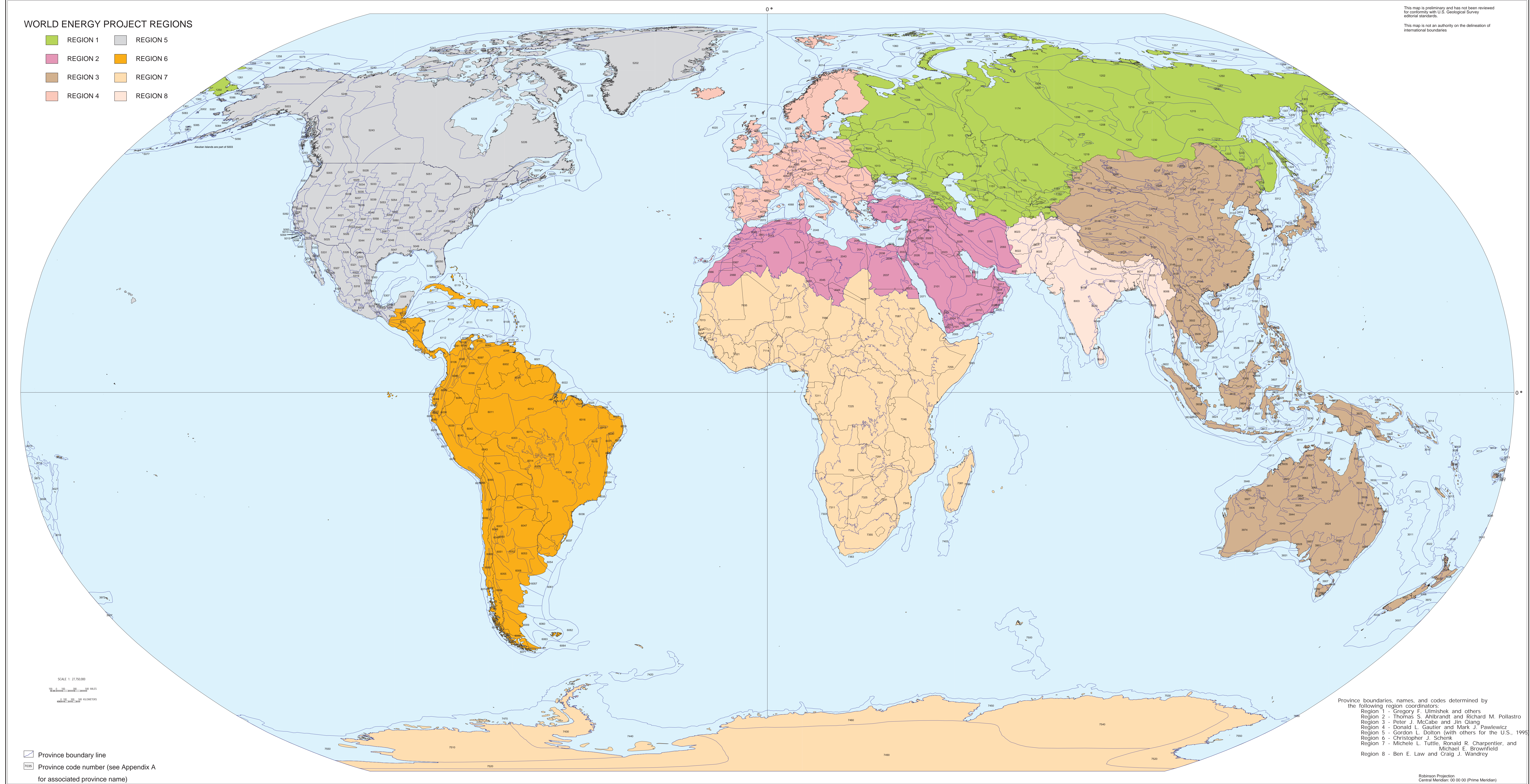
Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
379	327	3837	Zambalez/Central Luzon Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
380	328	3919	Clarence-Moreton Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
381	329	2050	Tellian Uplift		<0.1	0.0	0.0	<0.1	<0.1	100.0
382	330	3940	Maryborough Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
383	331	6094	Cesar Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
384	332	6065	Altiplano Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
385	333	3021	New Zealand Orogenic Belt		<0.1	<0.1	0.0	<0.1	<0.1	100.0
386	334	3311	Sagara Basin		<0.1	<0.1	0.0	<0.1	<0.1	100.0
387	335	4043	Massif Central		<0.1	0.0	0.0	<0.1	<0.1	100.0
388	336	5322	Burros Uplift		0.0	<0.1	0.0	<0.1	<0.1	100.0
389	337	2066	Aaiun-Tarfaya Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
390	338	3108	Cuoqing Lupola Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
391	339	3929	Georgina Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
392	340	5314	Jalisco-Oaxaca Platform		<0.1	0.0	0.0	<0.1	<0.1	100.0
393	341	4039	Southwest German Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
394	342	6069	Temuco Basin		0.0	<0.1	0.0	<0.1	<0.1	100.0
395	343	5316	Trans-mexican Neovolcanic Axis		<0.1	0.0	0.0	<0.1	<0.1	100.0

Table 1. Ranking of world oil and gas provinces (continued).

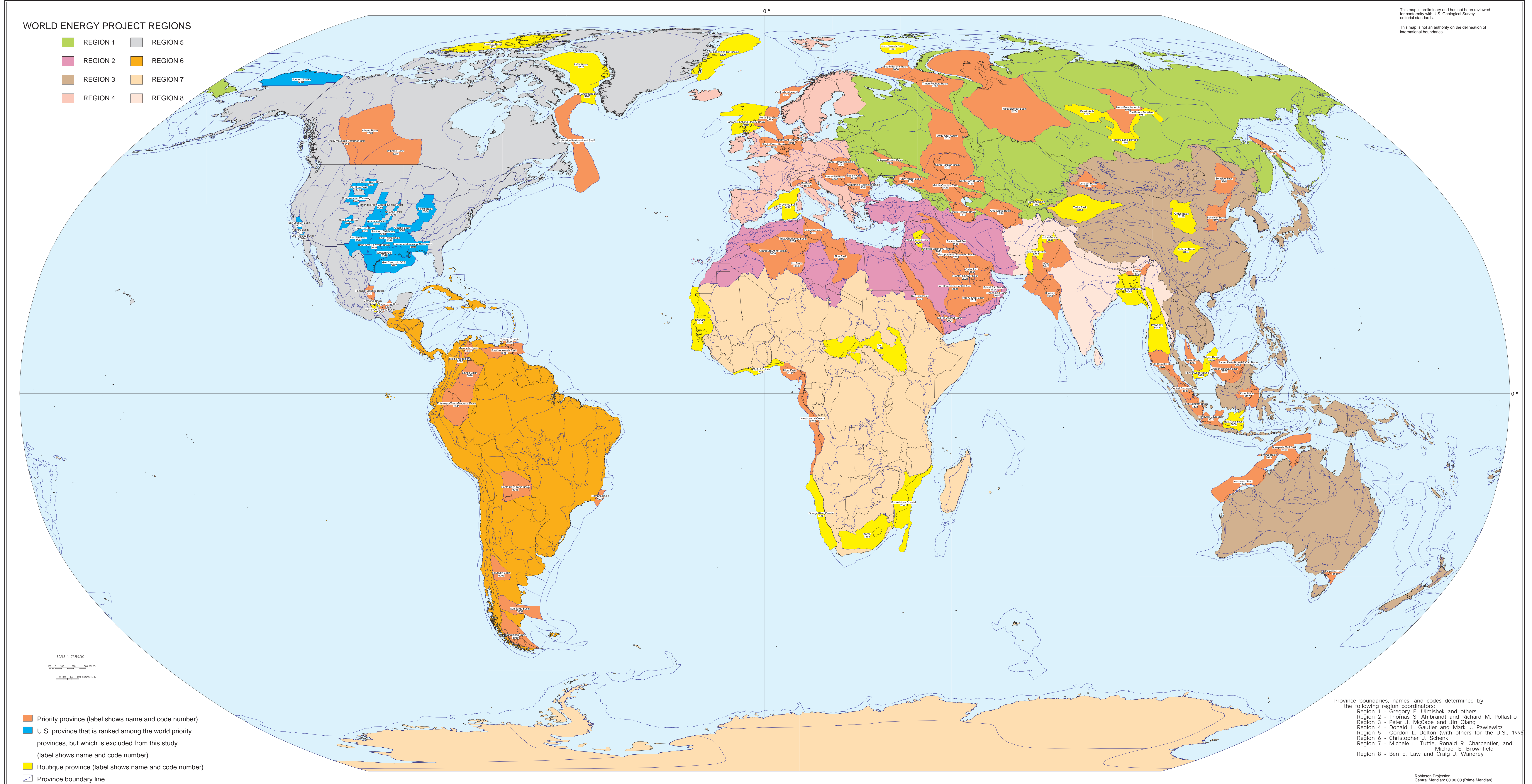
Rank	Rank excl. of U.S.	Province Code	Province Name	Assessment Type	Known Petroleum Volumes				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
					Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
396	344	4056	Lion-Camargue		<0.1	0.0	0.0	<0.1	<0.1	100.0
397	345	3122	Lhasa Terrane		<0.1	0.0	0.0	<0.1	<0.1	100.0
398	346	6093	Perija-Venezuela-Coastal Ranges		<0.1	0.0	0.0	<0.1	<0.1	100.0
399	347	5334	Vizcaino Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
400	348	6010	Tacutu Basin		<0.1	0.0	0.0	<0.1	<0.1	100.0
401	349	8003	Indian Shield		<0.1	0.0	0.0	<0.1	<0.1	100.0
402	350	1018	Mugodzhary-South Emba		0.0	0.0	0.0	0.0	0.0	100.0
403	351	1106	Northeast Black Sea Shelf		0.0	0.0	0.0	0.0	0.0	100.0
404	352	1153	Karabogaz-Karakum High		0.0	0.0	0.0	0.0	0.0	100.0
405	353	5234	Sverdrup Basin	Boutique	0.0	0.0	0.0	0.0	0.0	100.0
406	354	5239	Mackenzie Delta		0.0	0.0	0.0	0.0	0.0	100.0
		1060	North Barents Basin	Boutique	nd	nd	nd	nd		
		4068	Provence Basin	Boutique	nd	nd	nd	nd		
		5200	East Greenland Rift Basins	Boutique	nd	nd	nd	nd		
		5207	Baffin Basin	Boutique	nd	nd	nd	nd		
		7355	Karoo	Boutique	nd	nd	nd	nd		

Table 1. Ranking of world oil and gas provinces (continued).

Rank excl. of Rank U.S.	Province Code	Province Name	Assessment Type	<u>Known Petroleum Volumes</u>				Percent of World Volume excl. of U.S.	Cum. Percent of World Volume excl. of U.S.
				Oil (BB)	Gas (TCF)	NGL (BB)	Total (BBOE)		
		Total		1608.3	6753.4	109.4	2844.8		
		U.S.		171.7	908.6	29.4	354.1		
		Total w/o U.S.		1436.6	5844.7	79.9	2490.7		



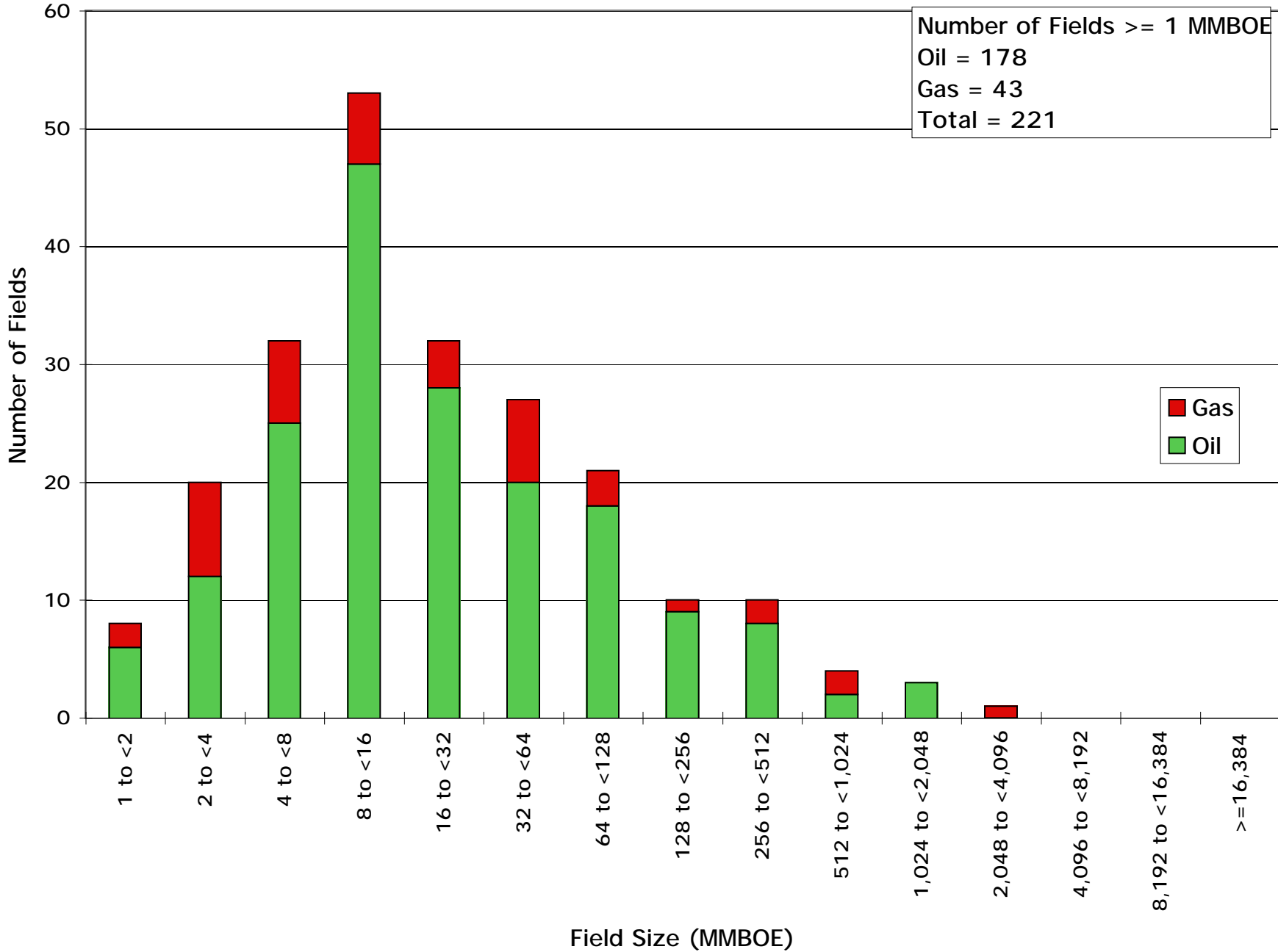
World Energy Project Regions with Superimposed Petroleum Provinces



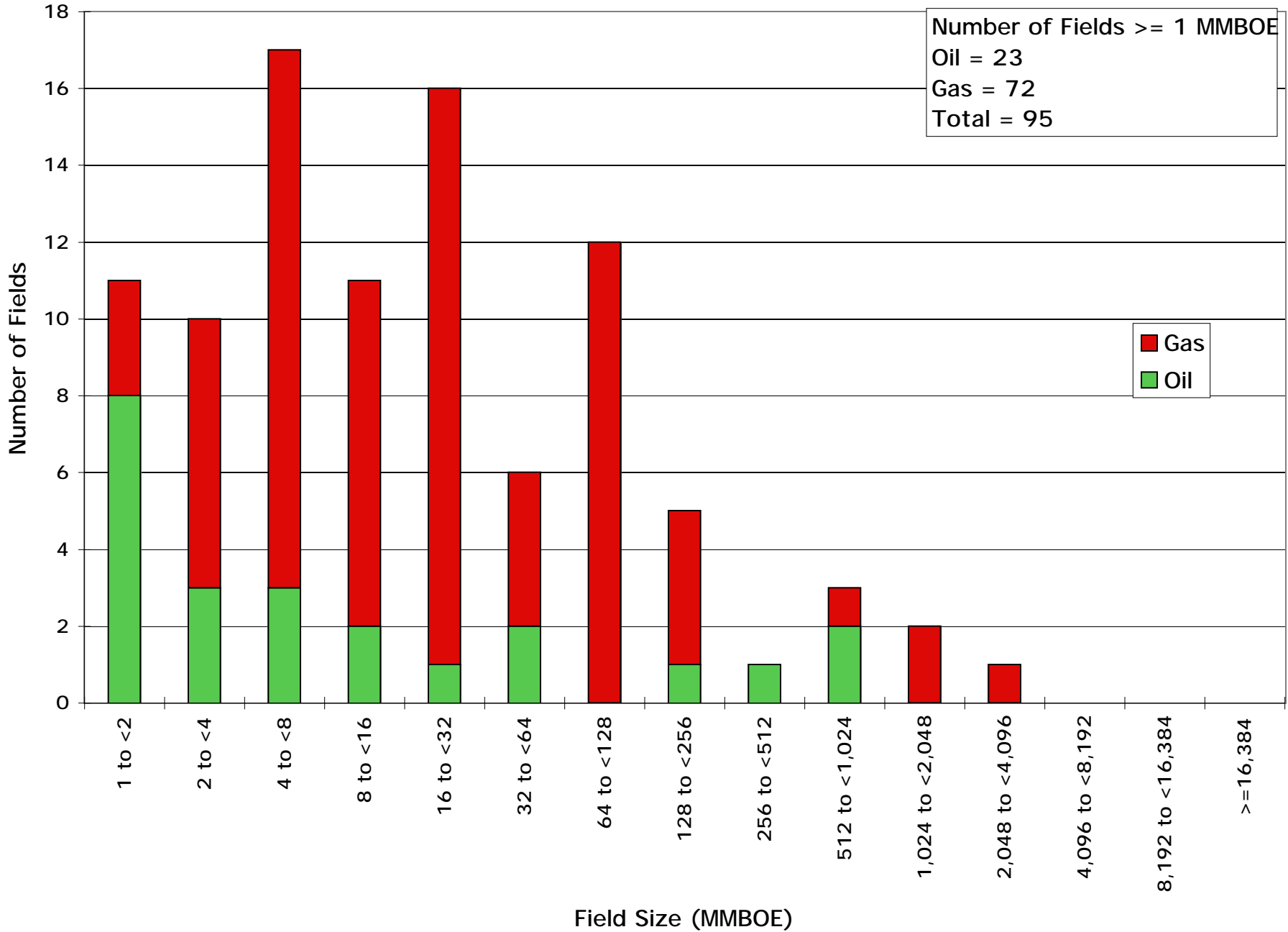
World Energy Project Regions with Superimposed Petroleum Provinces

Digital compilation by Leo M. Osmonson
1997
(Version 08/01/97)

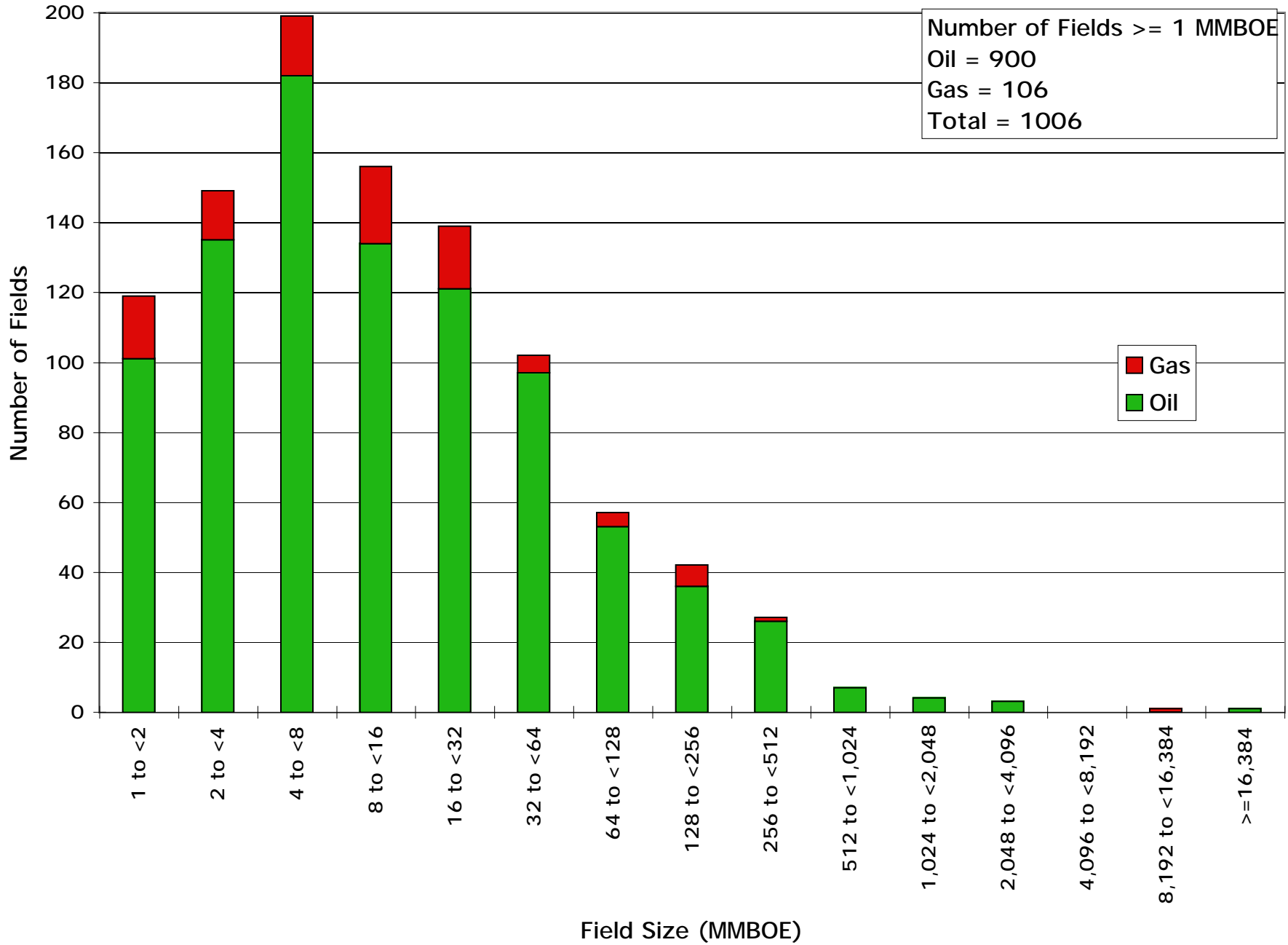
Timan-Pechora Basin
Province 1008



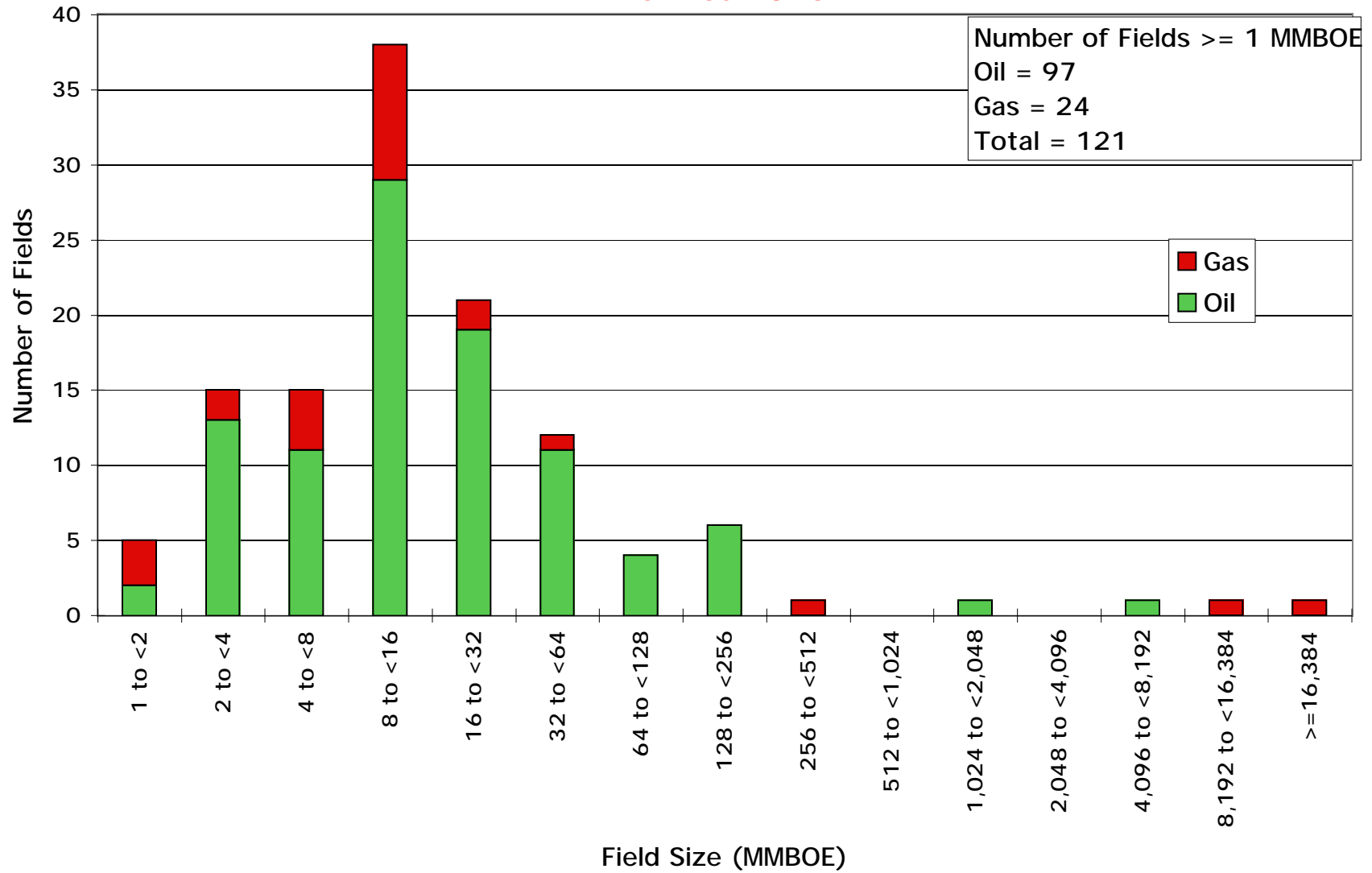
Dnieper-Donets Basin Province 1009



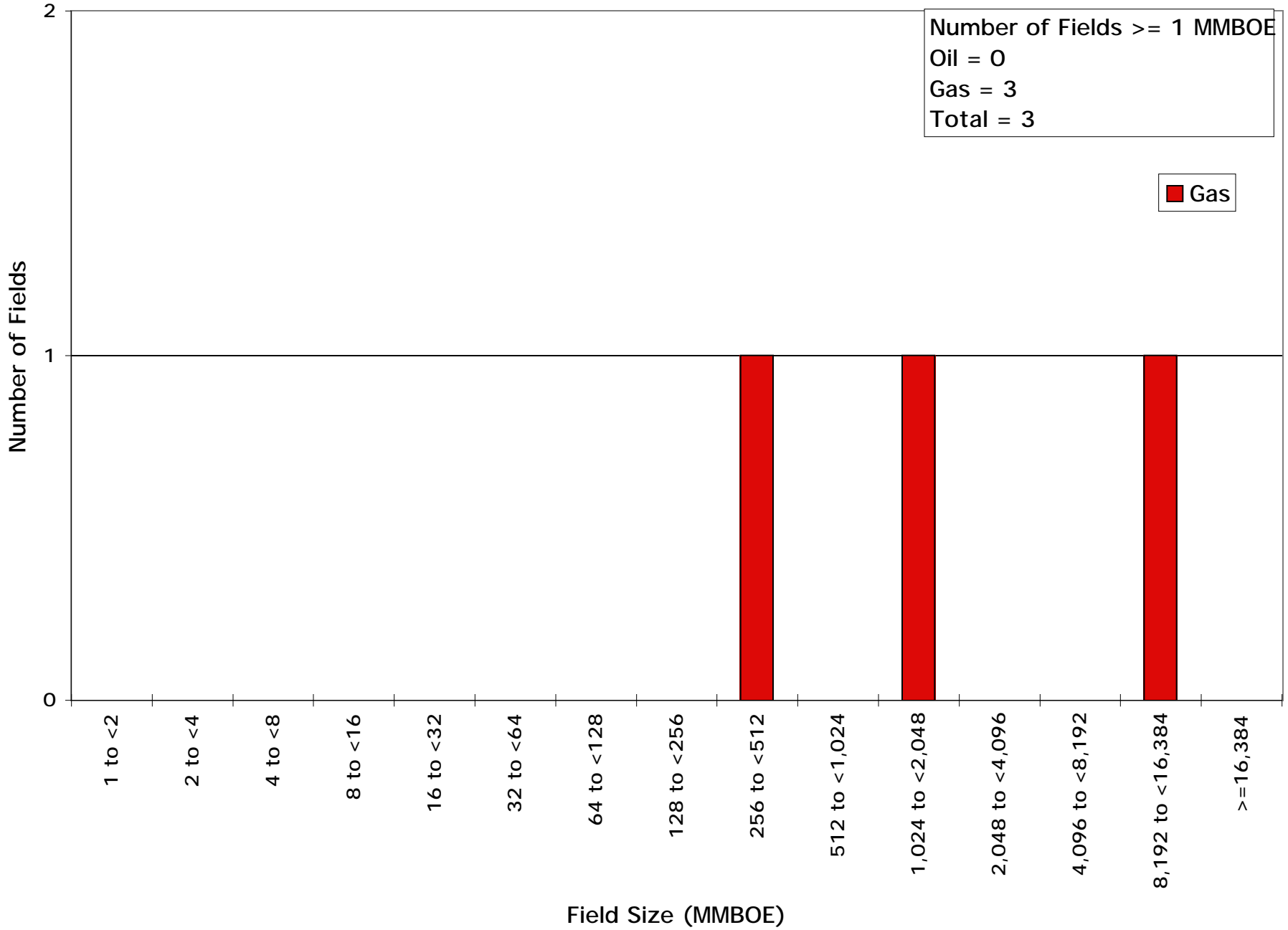
Volga-Ural Region Province 1015



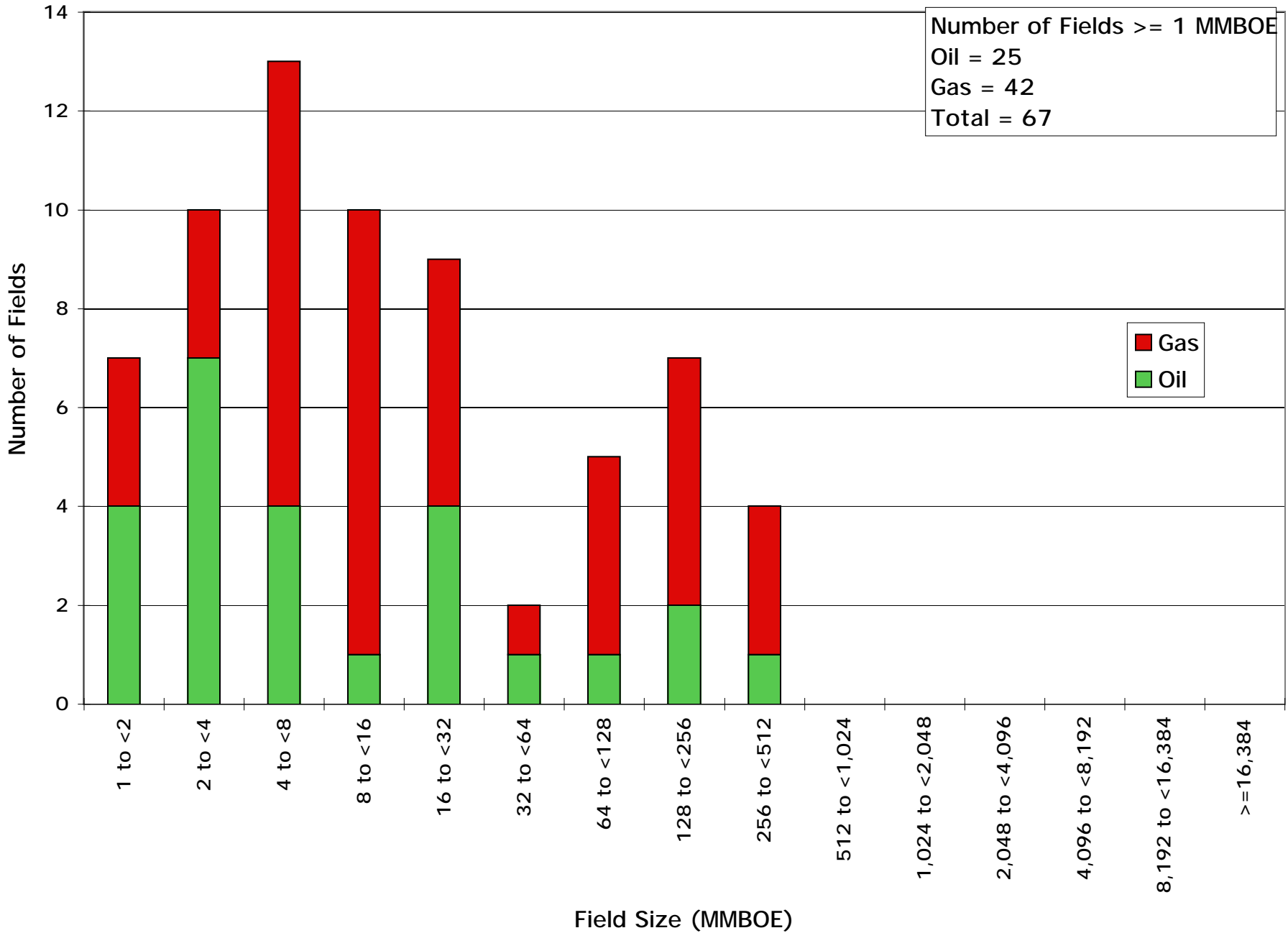
North Caspian Basin Province 1016



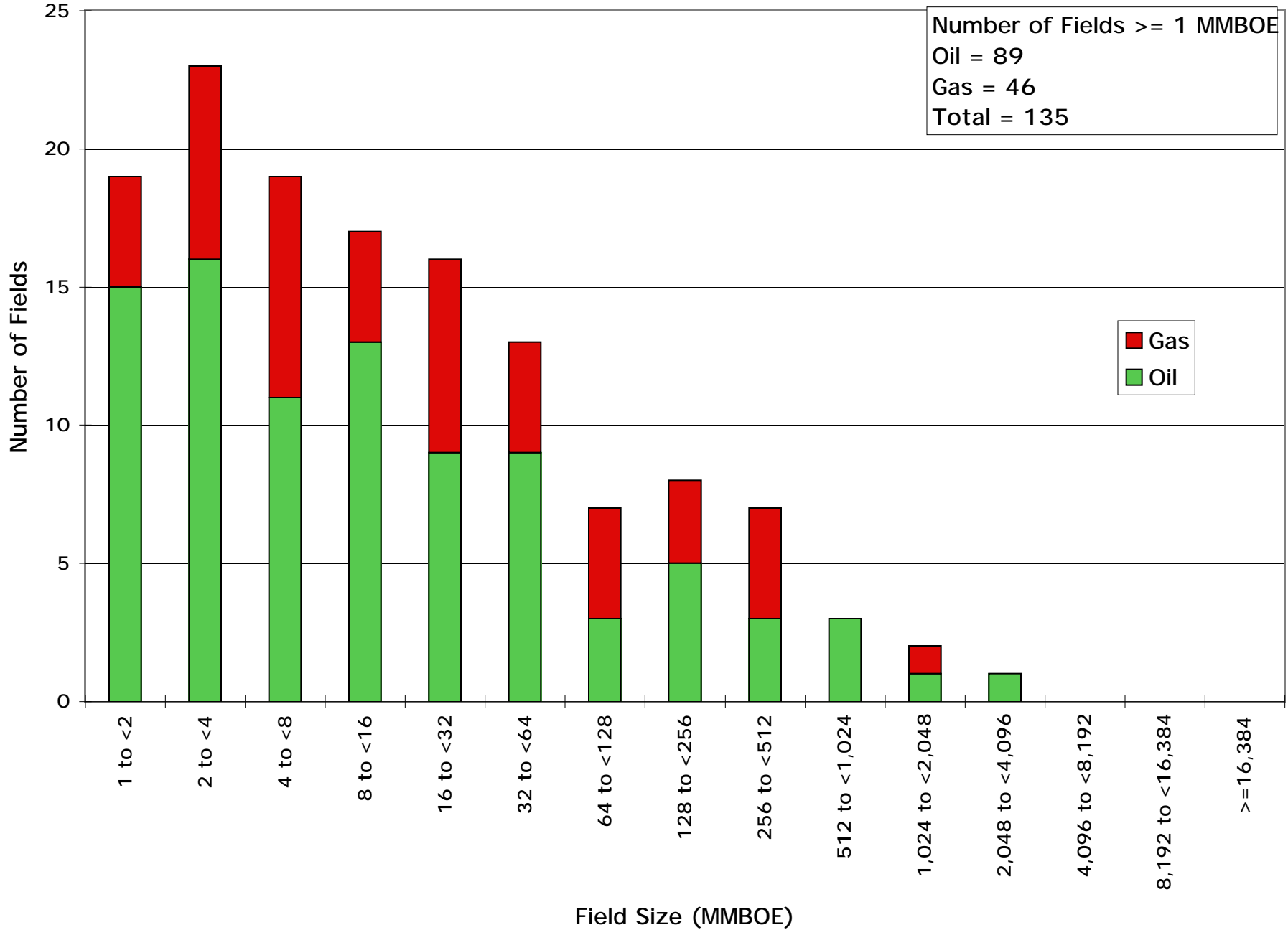
South Barents Basin
Province 1050



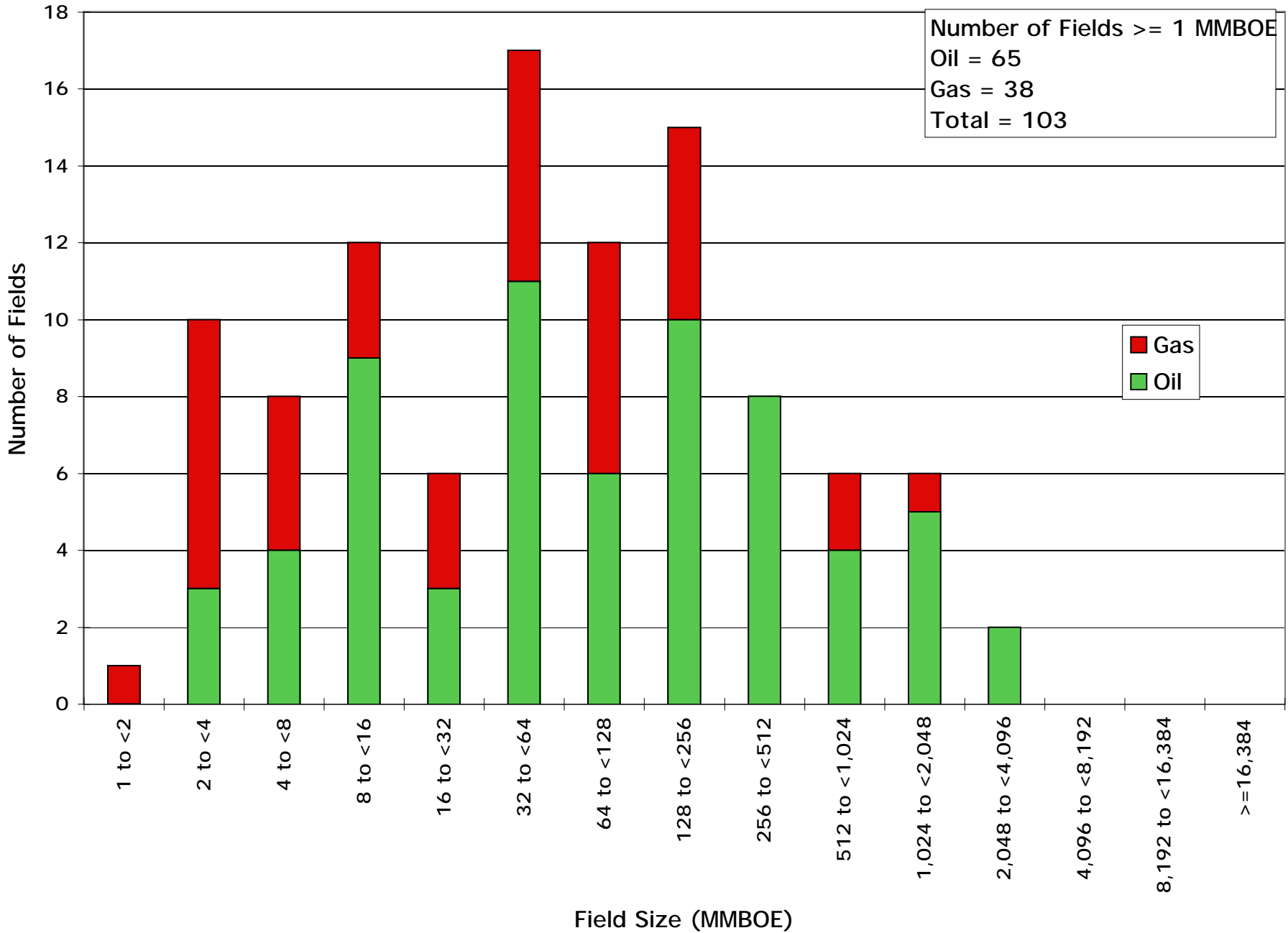
Azov-Kuban Basin
Province 1108



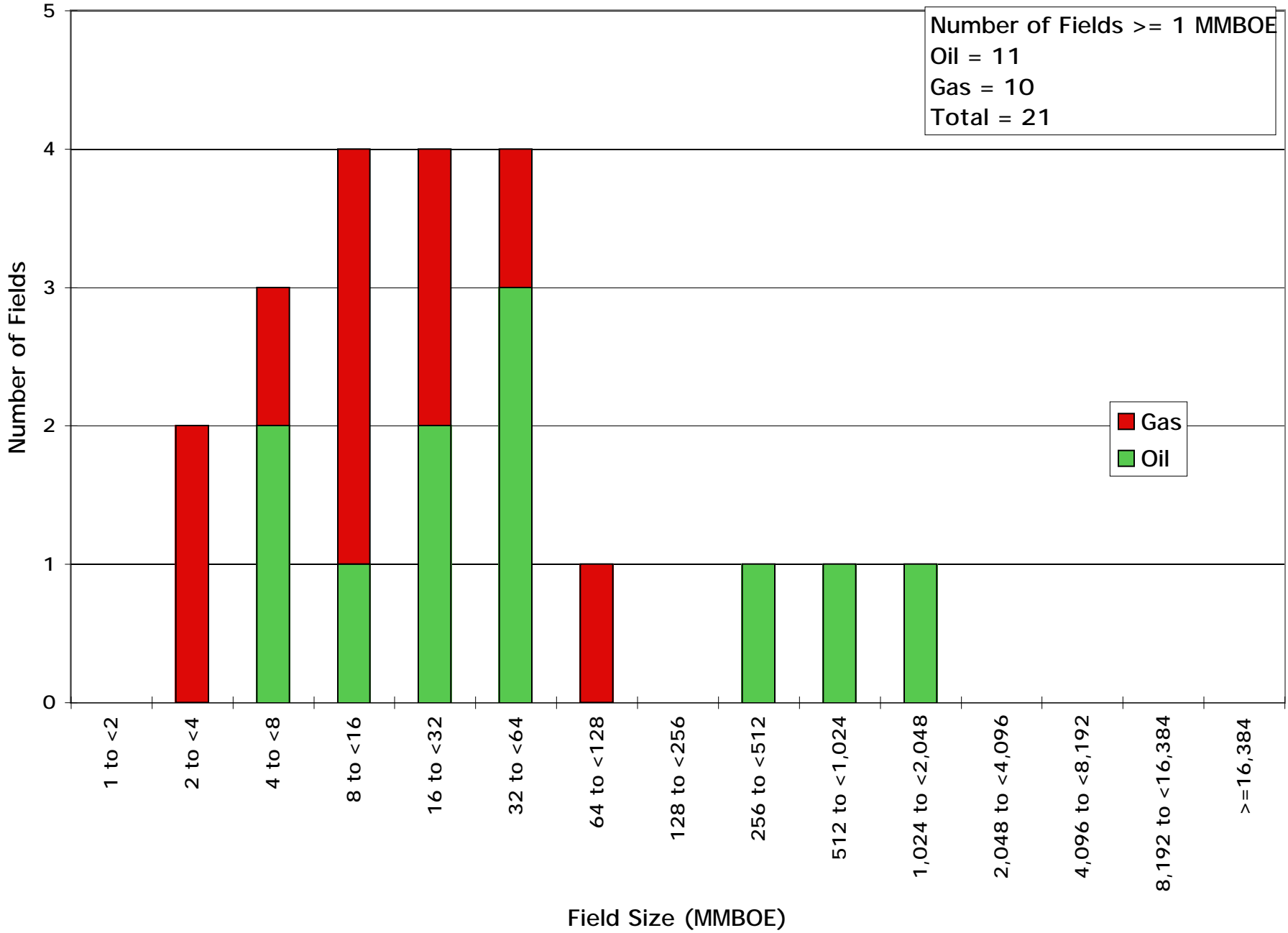
Middle Caspian Basin Province 1109



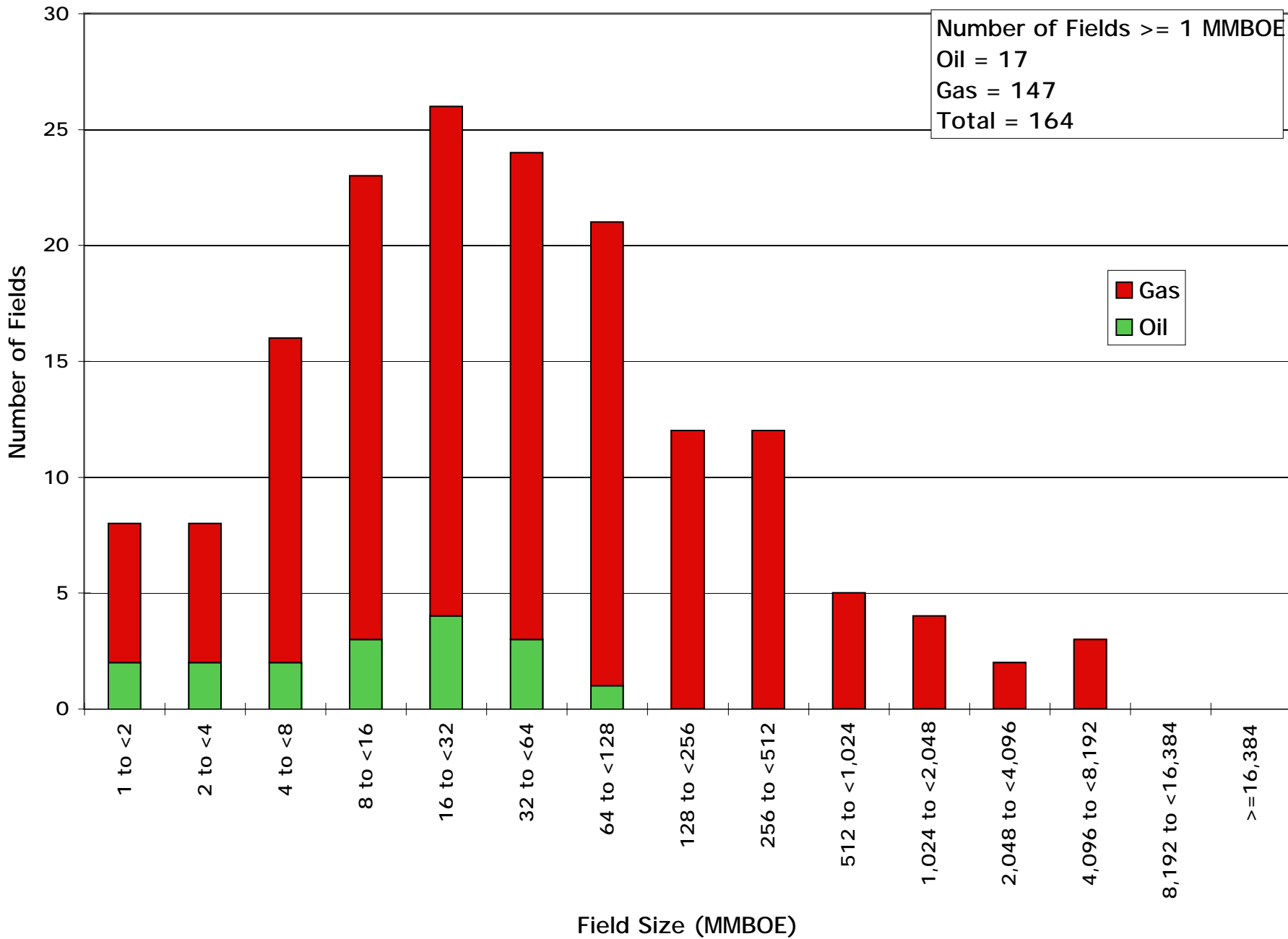
South Caspian Basin Province 1112



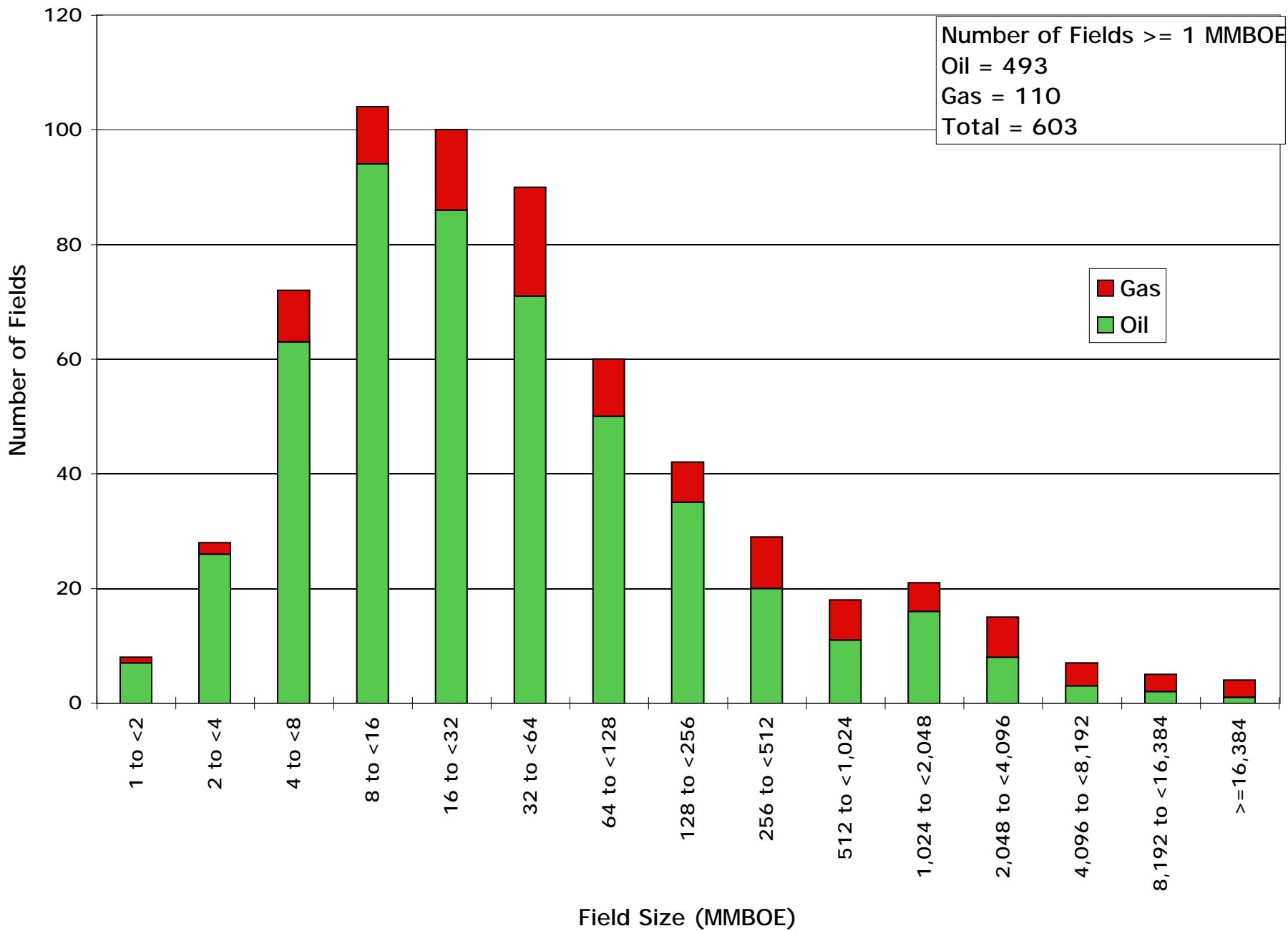
North Ustyurt Basin Province 1150



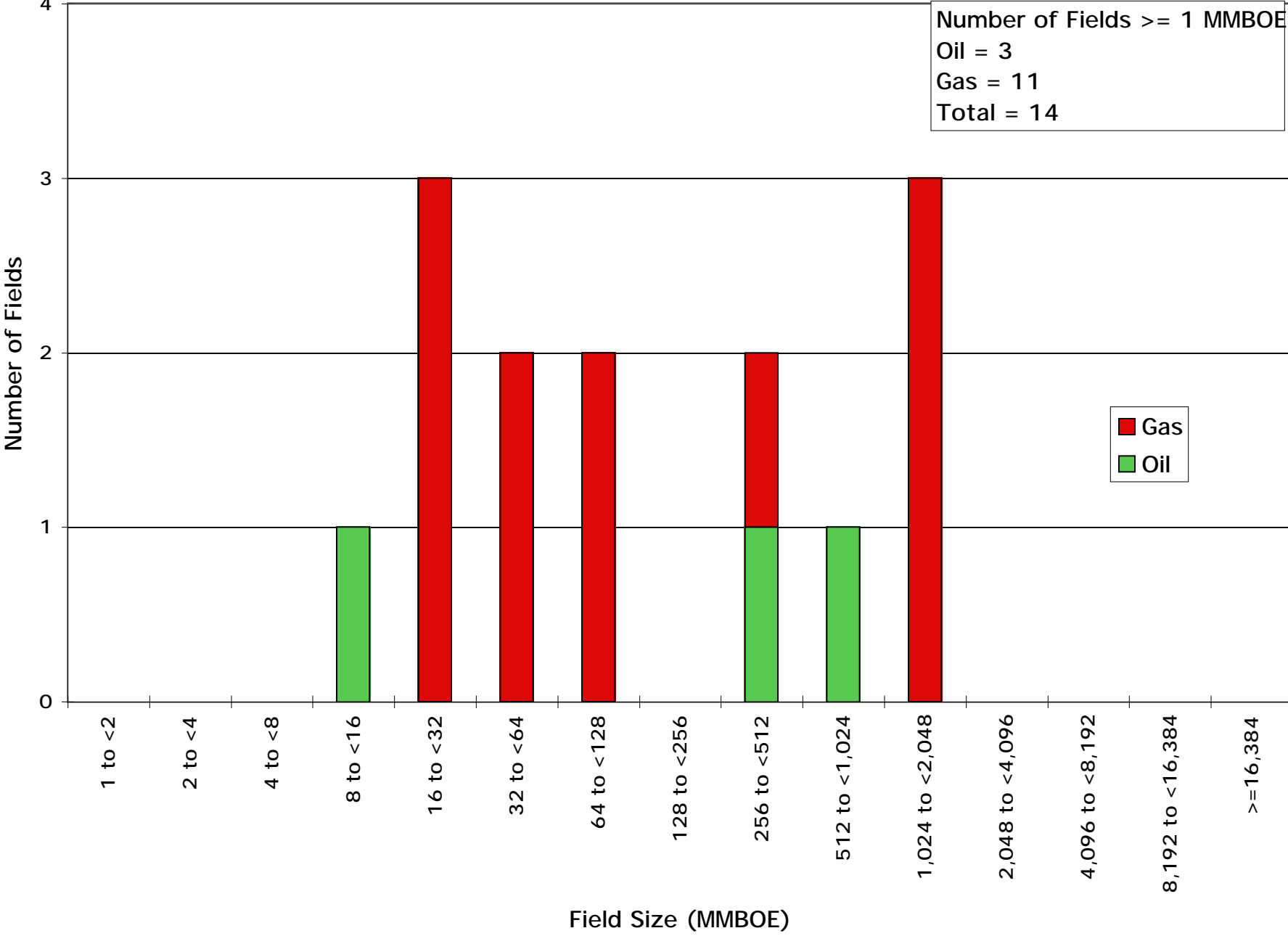
Amu-Darya Basin
Province 1154



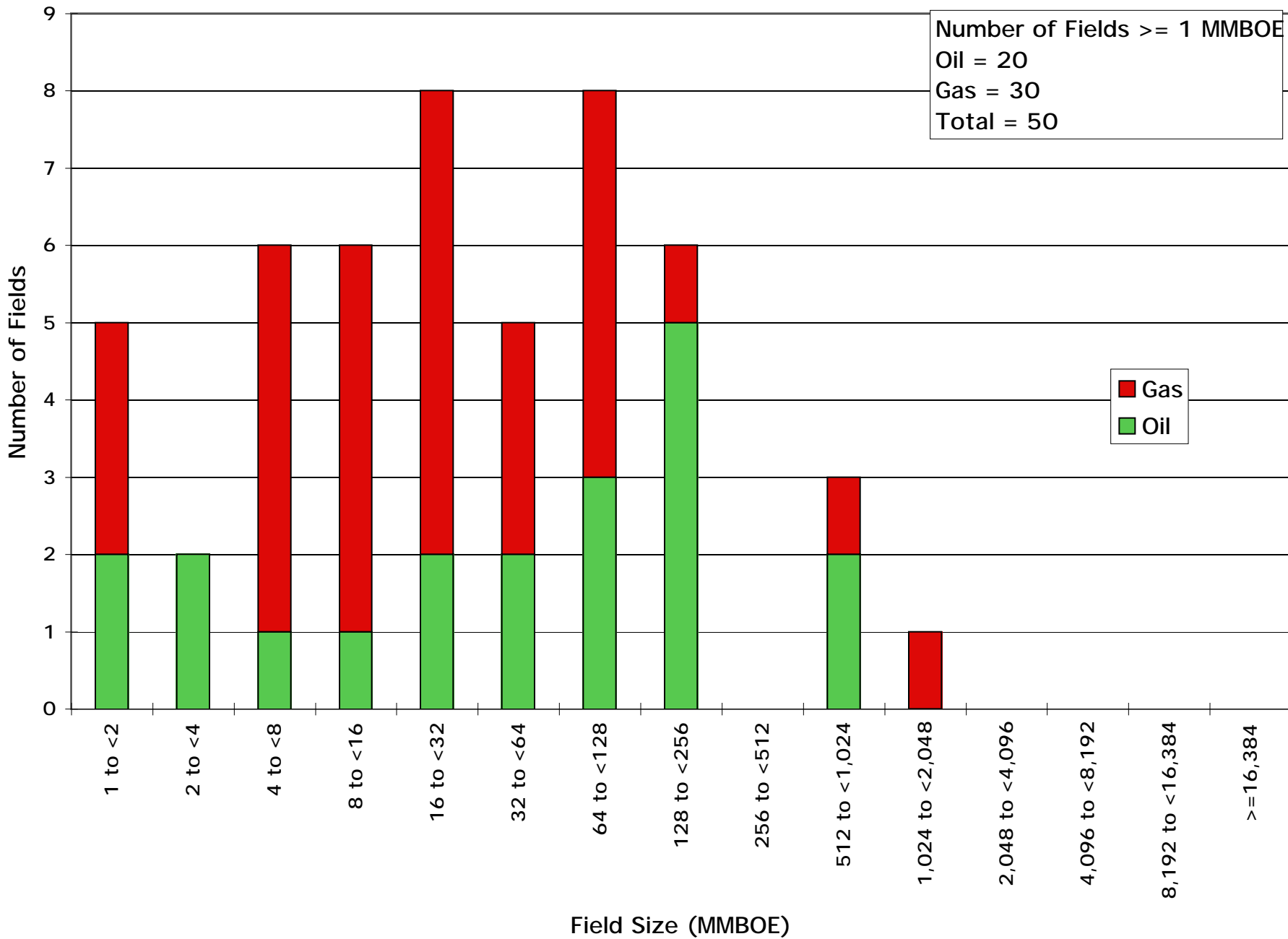
West Siberian Basin
Province 1174



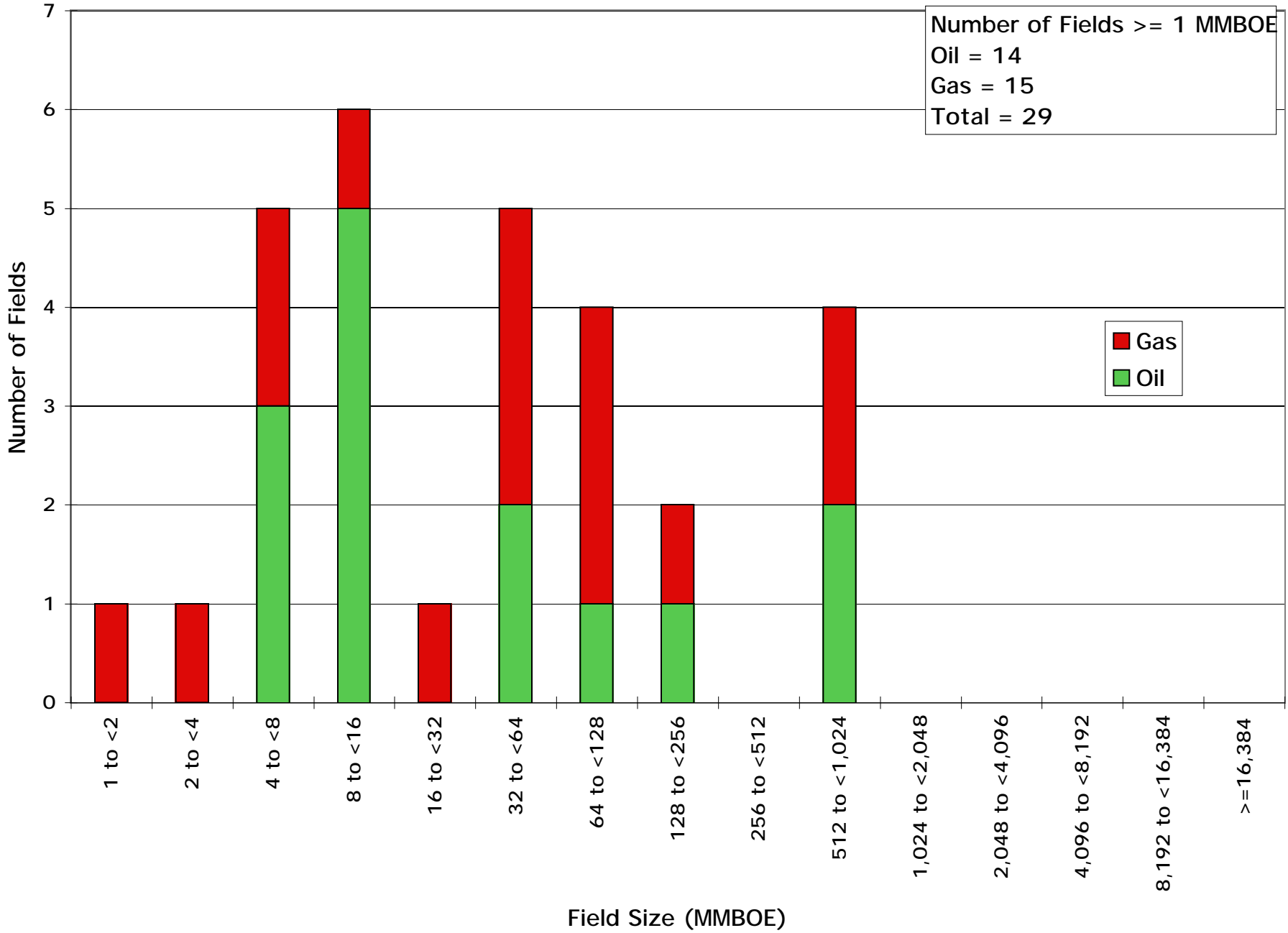
Nepa-Botuoba Arch
Province 1210



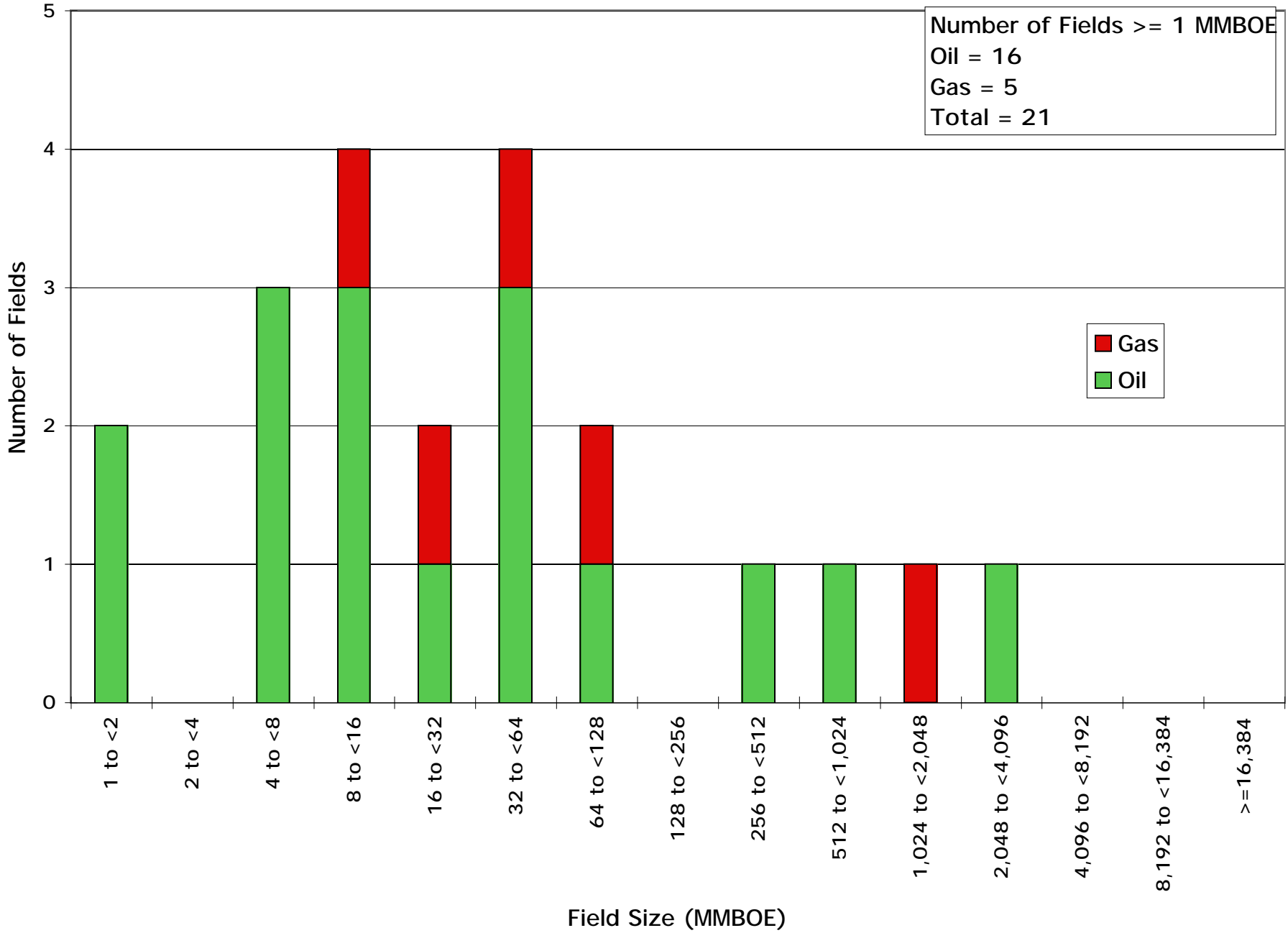
North Sakhalin Basin
Province 1322



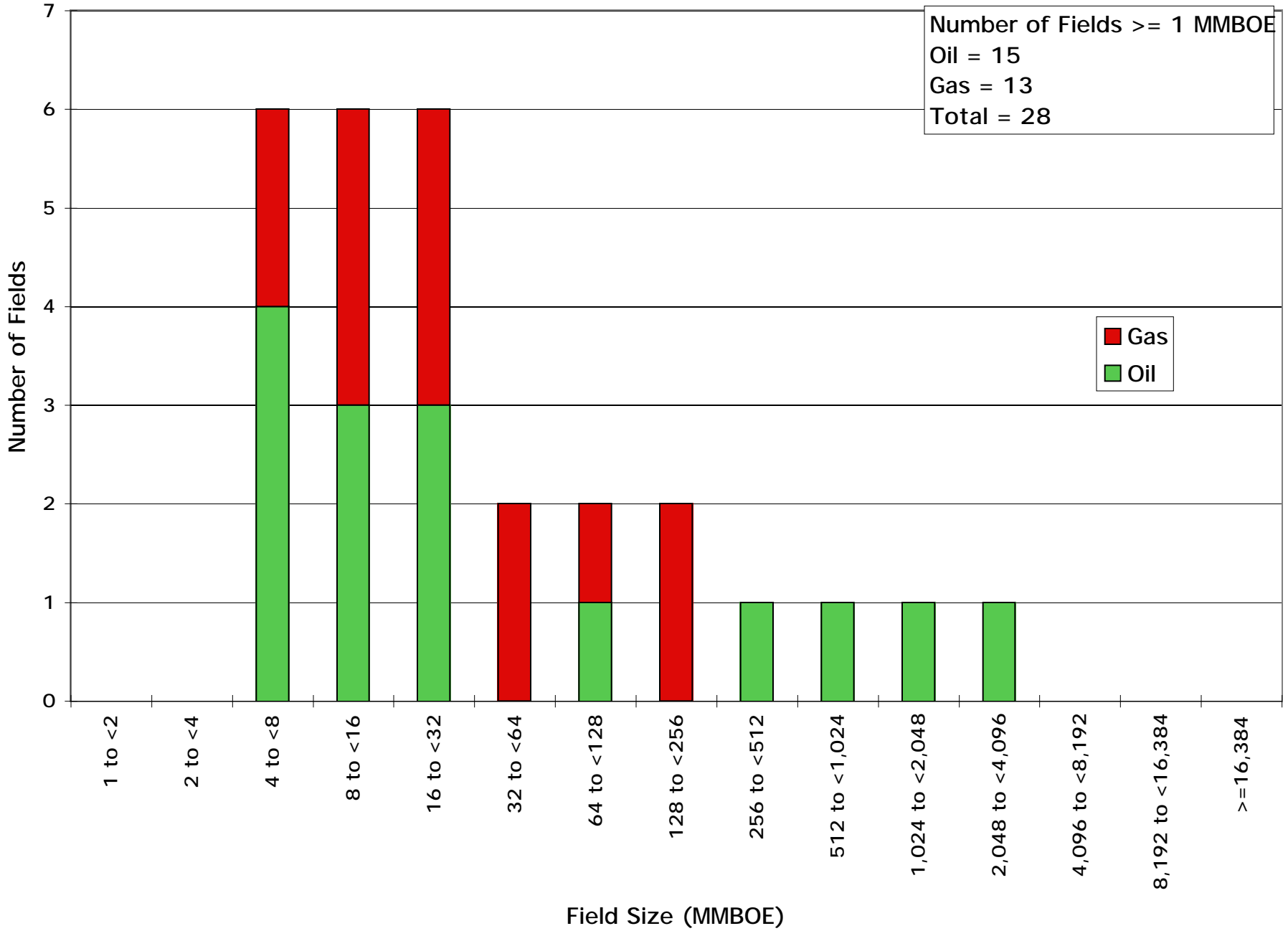
Ma 'Rib-Al Jawf Basin
Province 2004



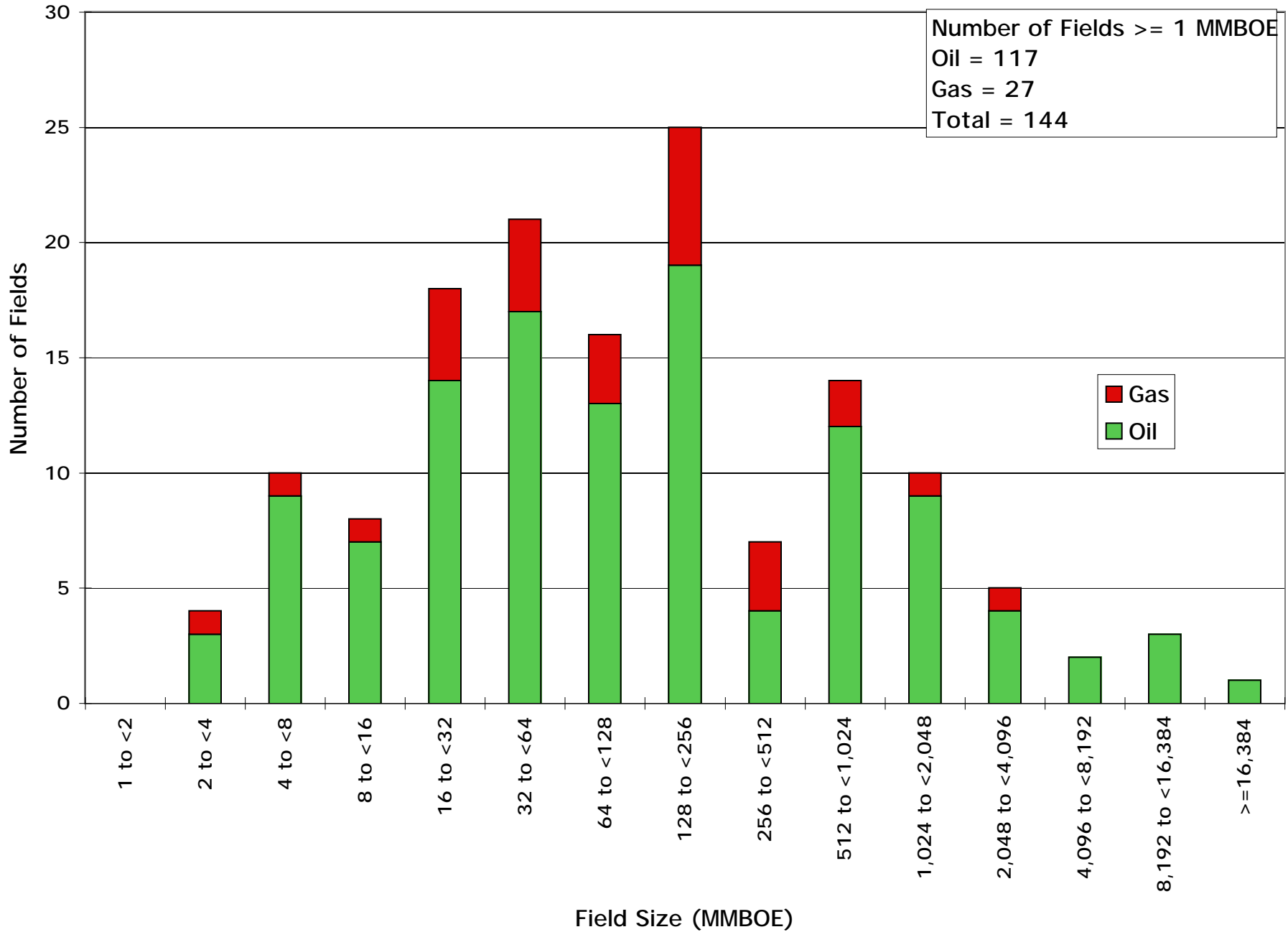
Ghaba Salt Basin Province 2014



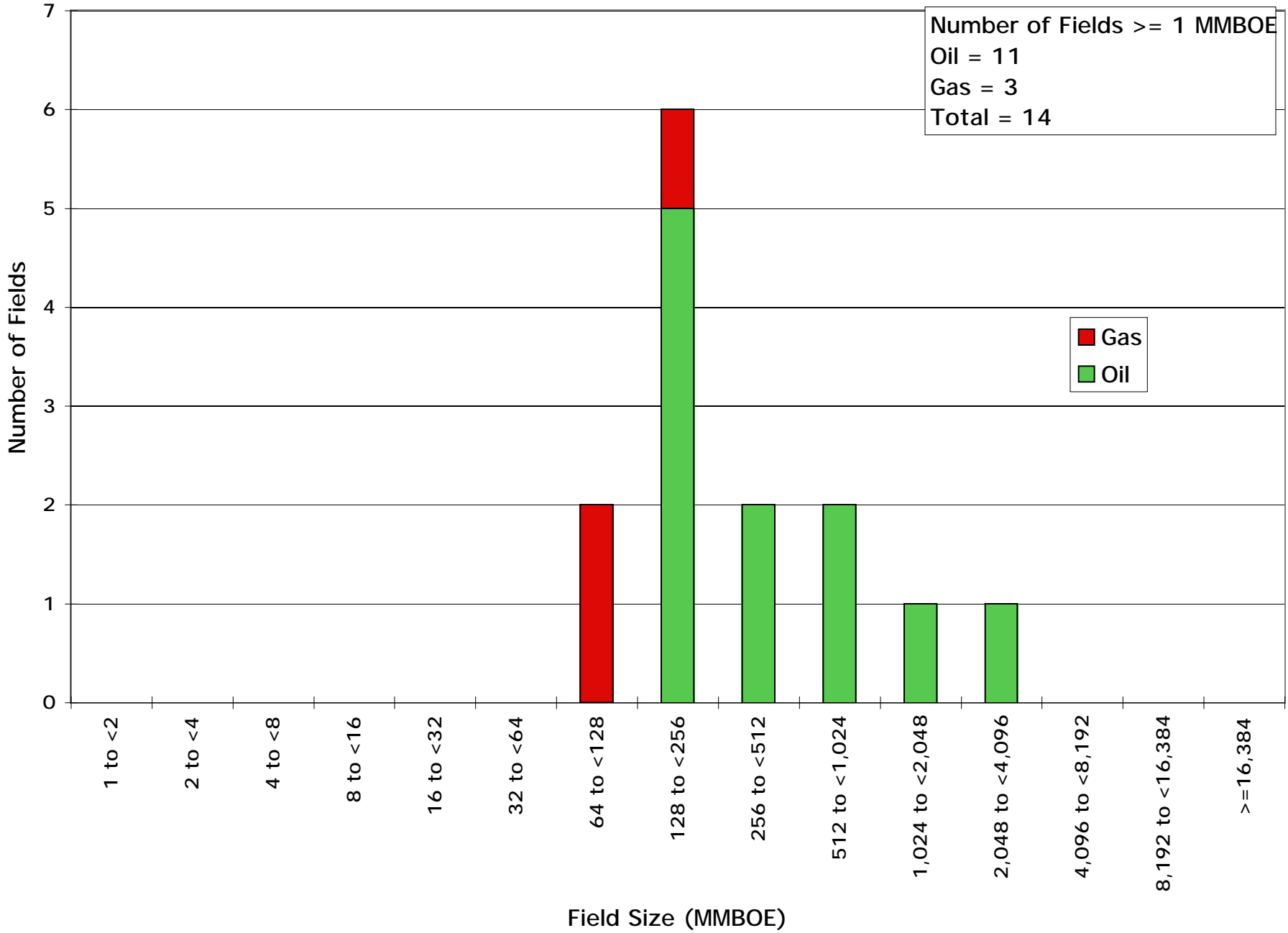
Fahud Salt Basin Province 2016



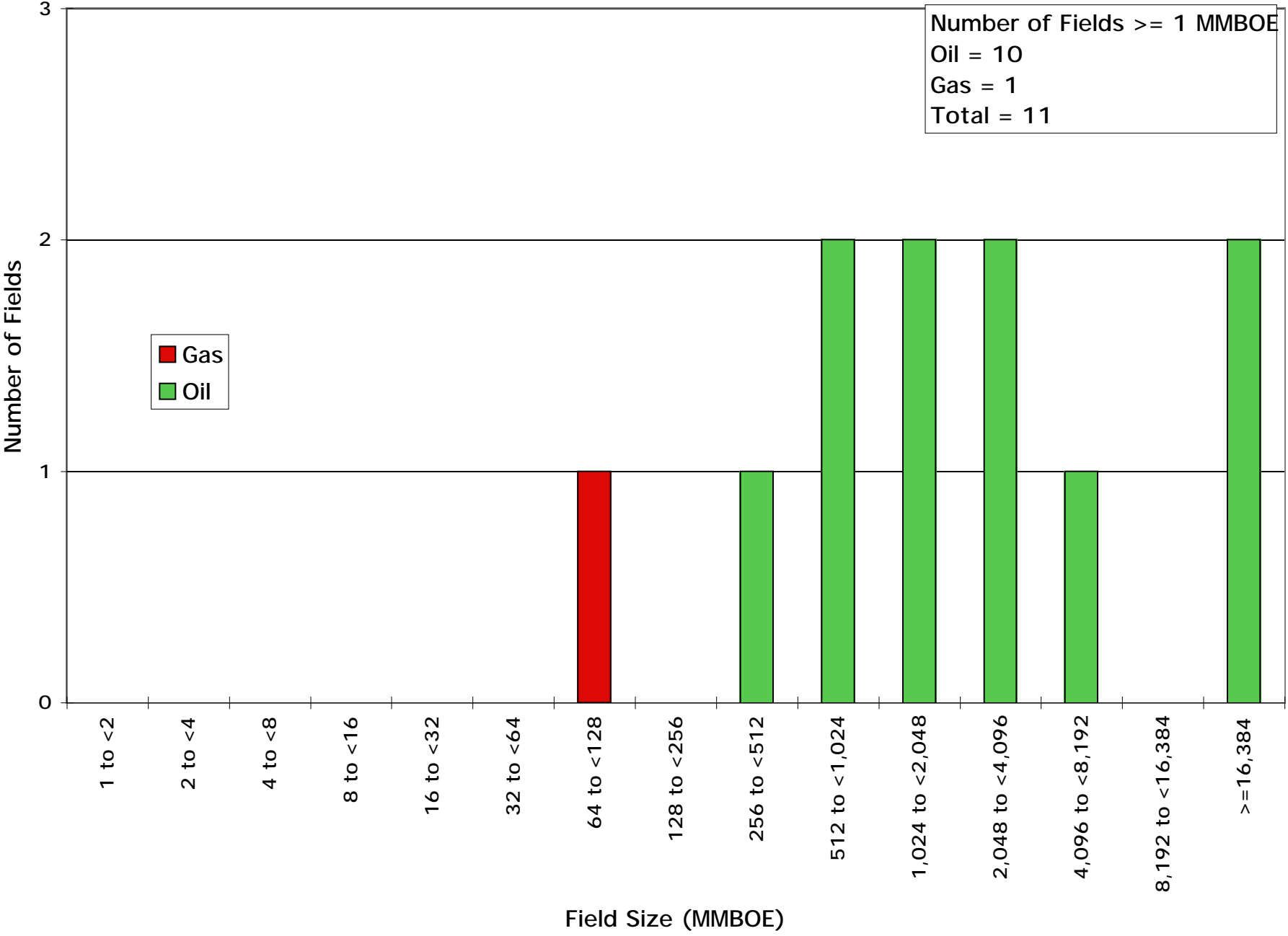
Rub Al Khali Basin Province 2019



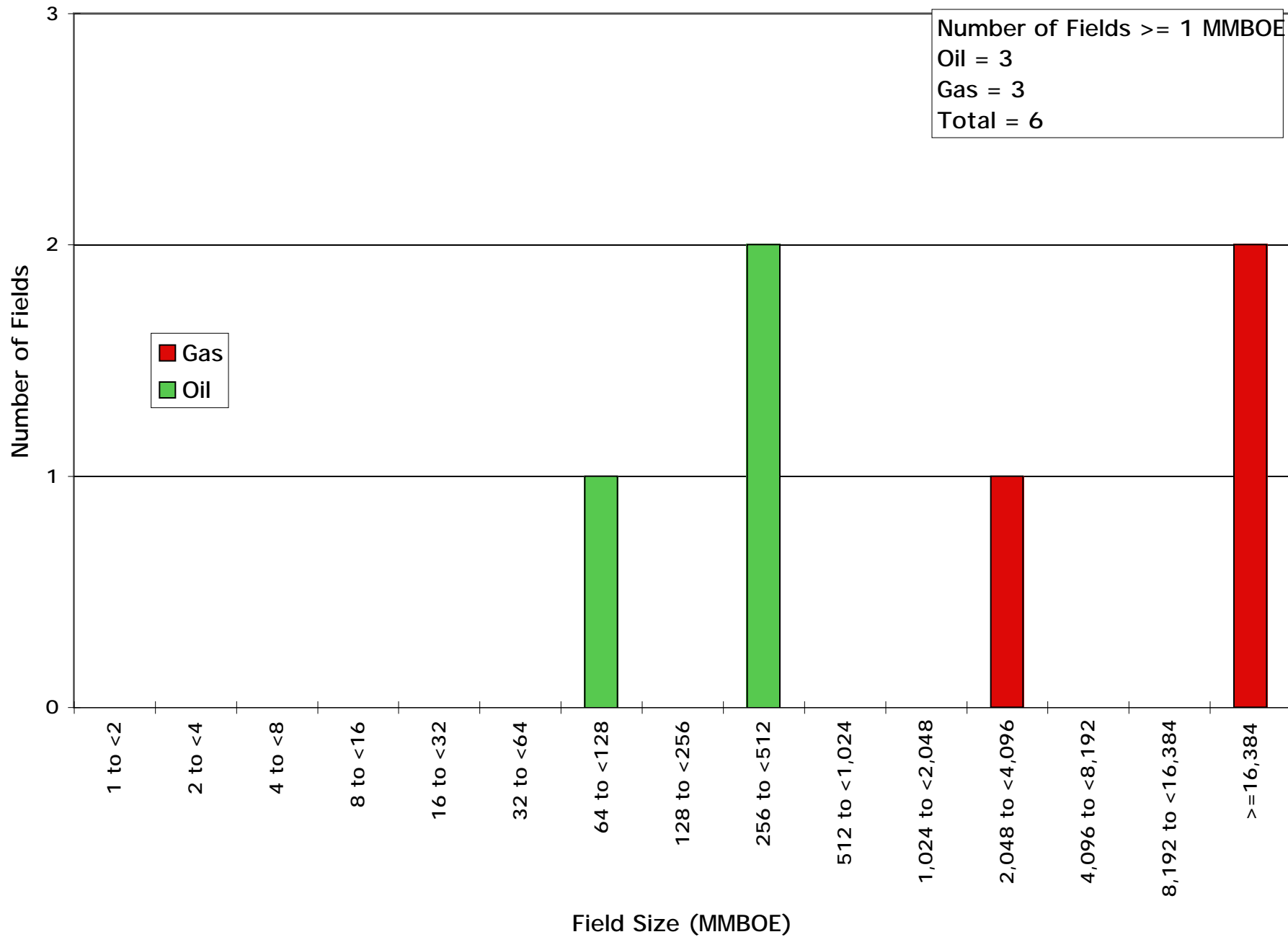
Interior Homocline-Central Arch Province 2020



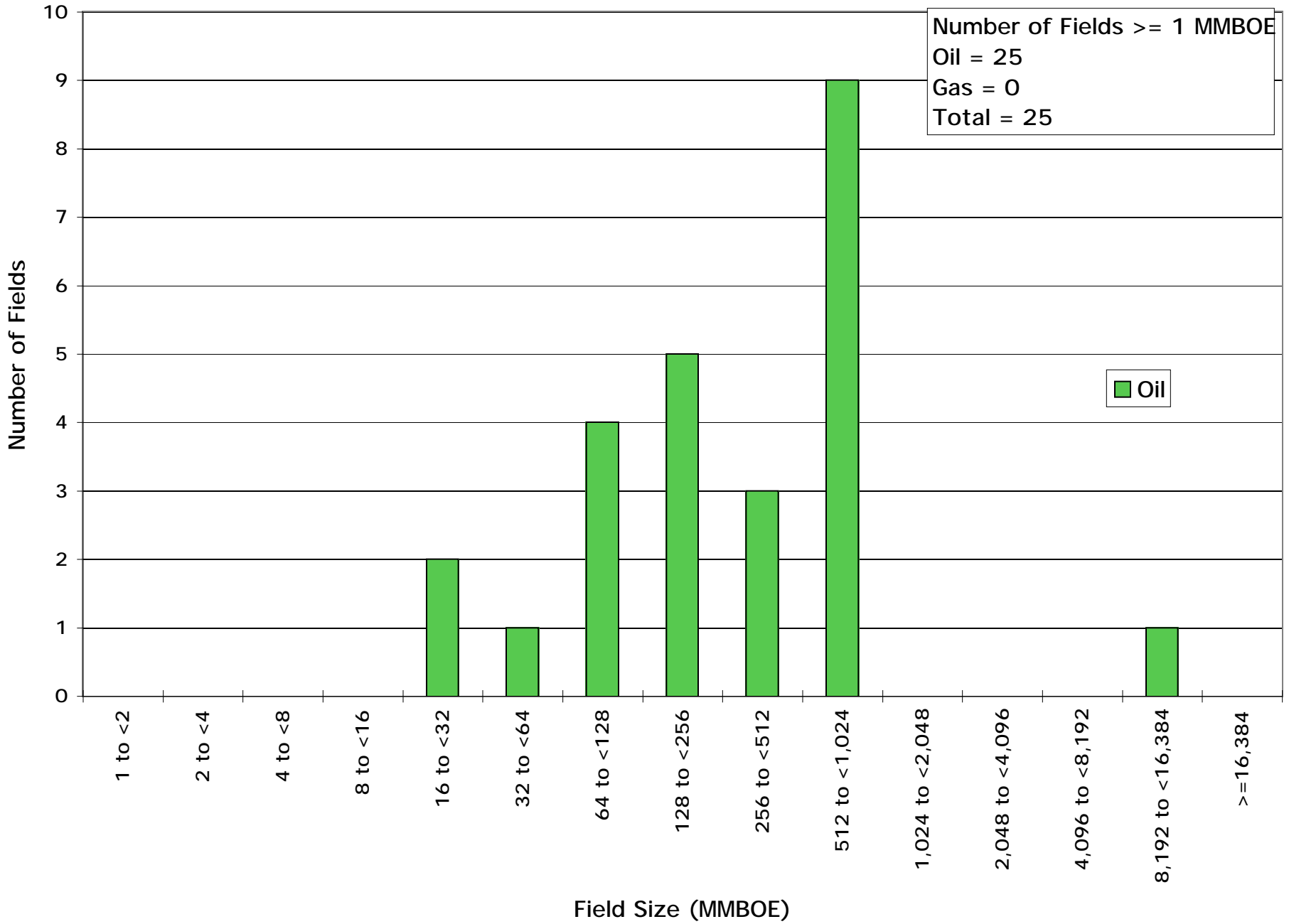
Greater Ghawar Uplift Province 2021



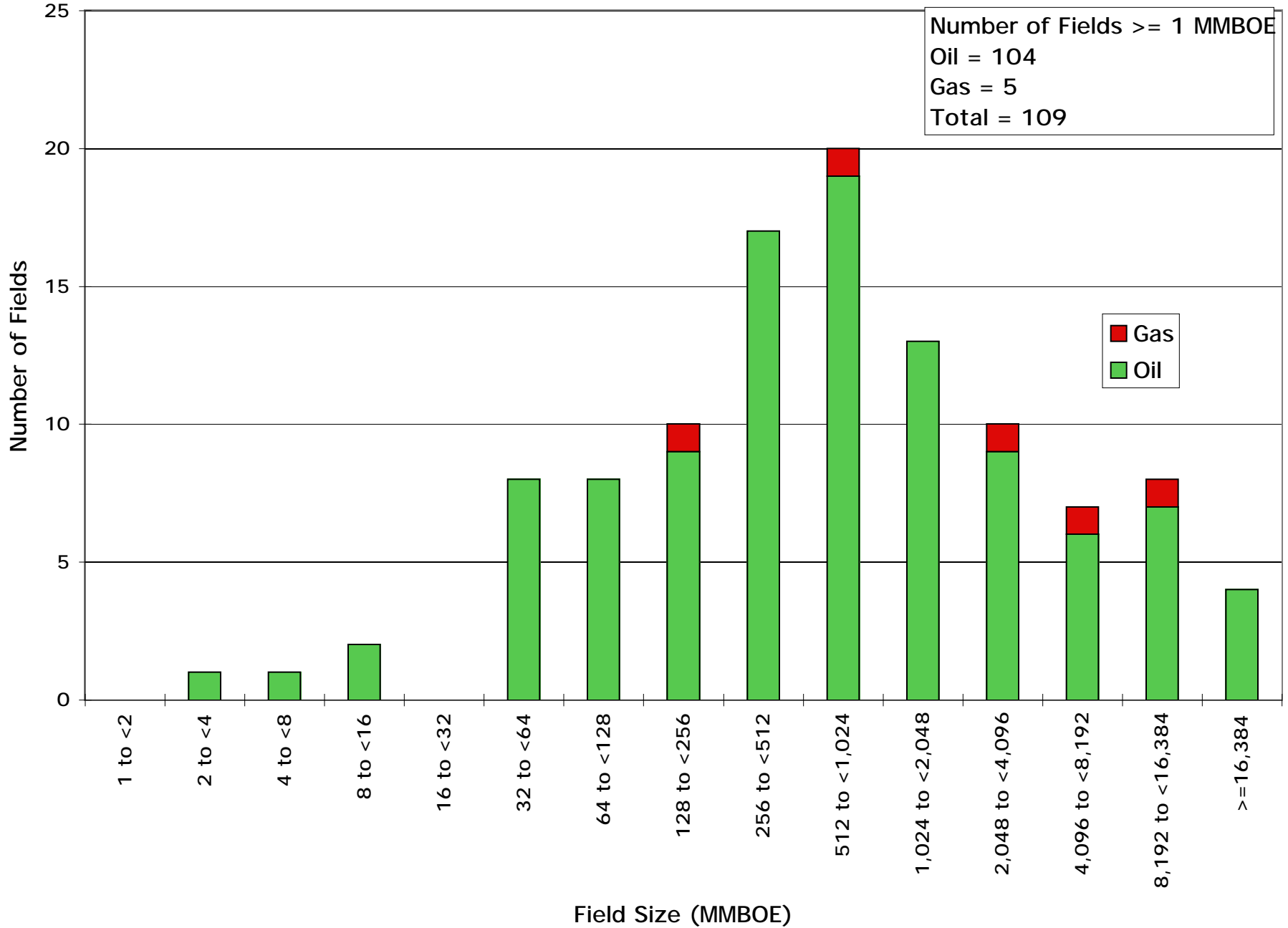
Qatar Arch Province 2022



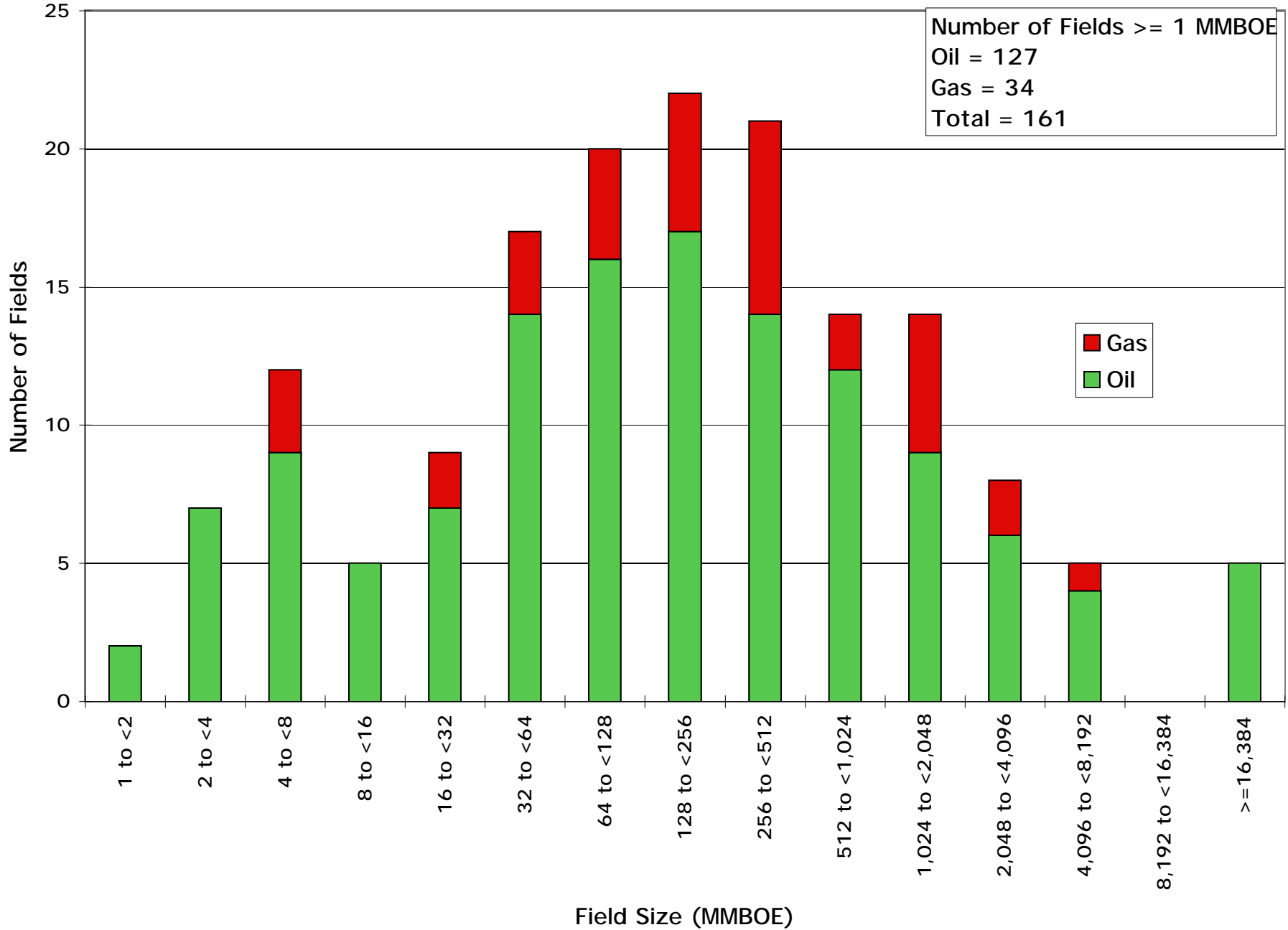
Widyan Basin-Interior Platform Province 2023



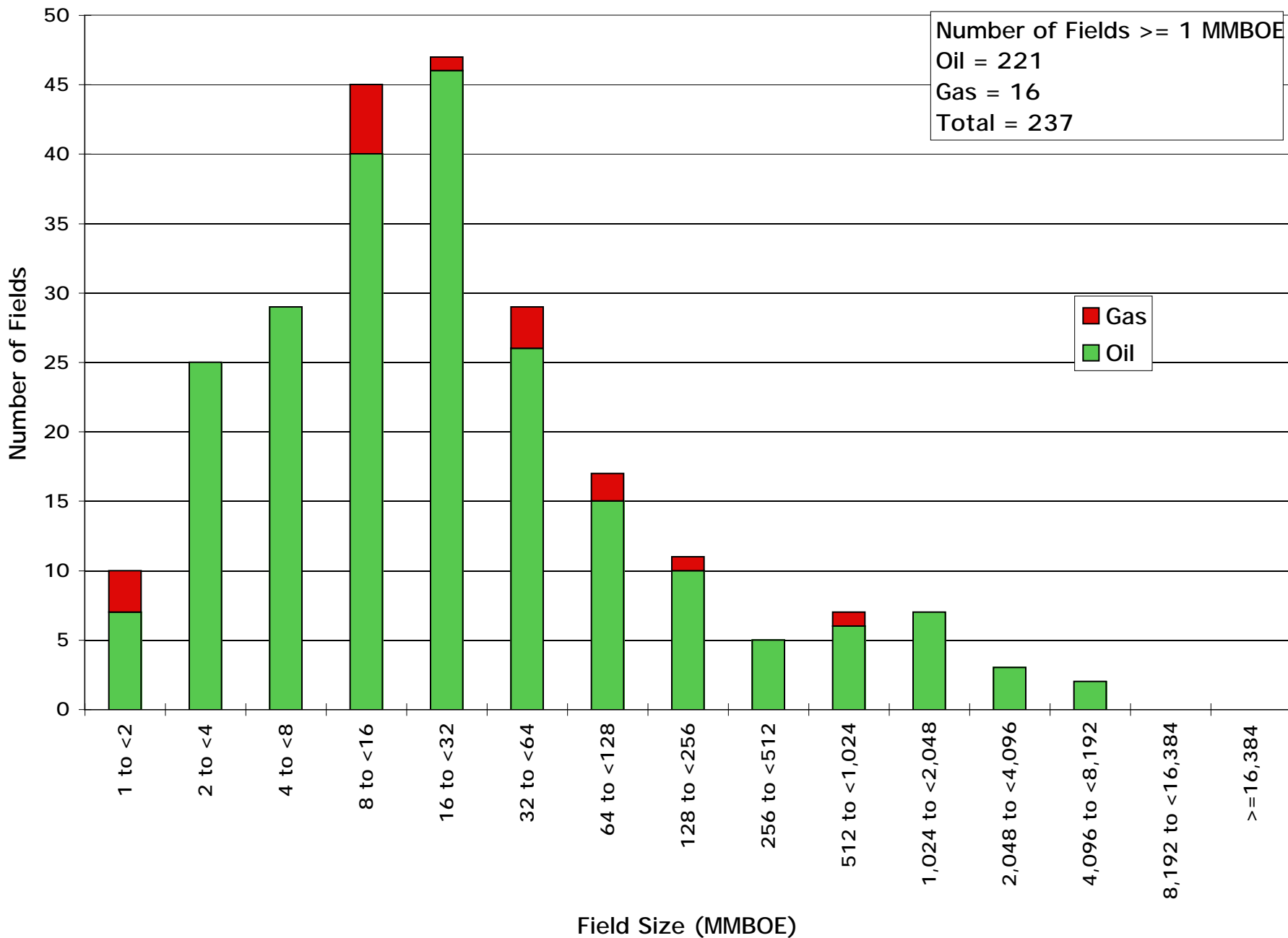
Mesopotamian Foredeep Basin Province 2024



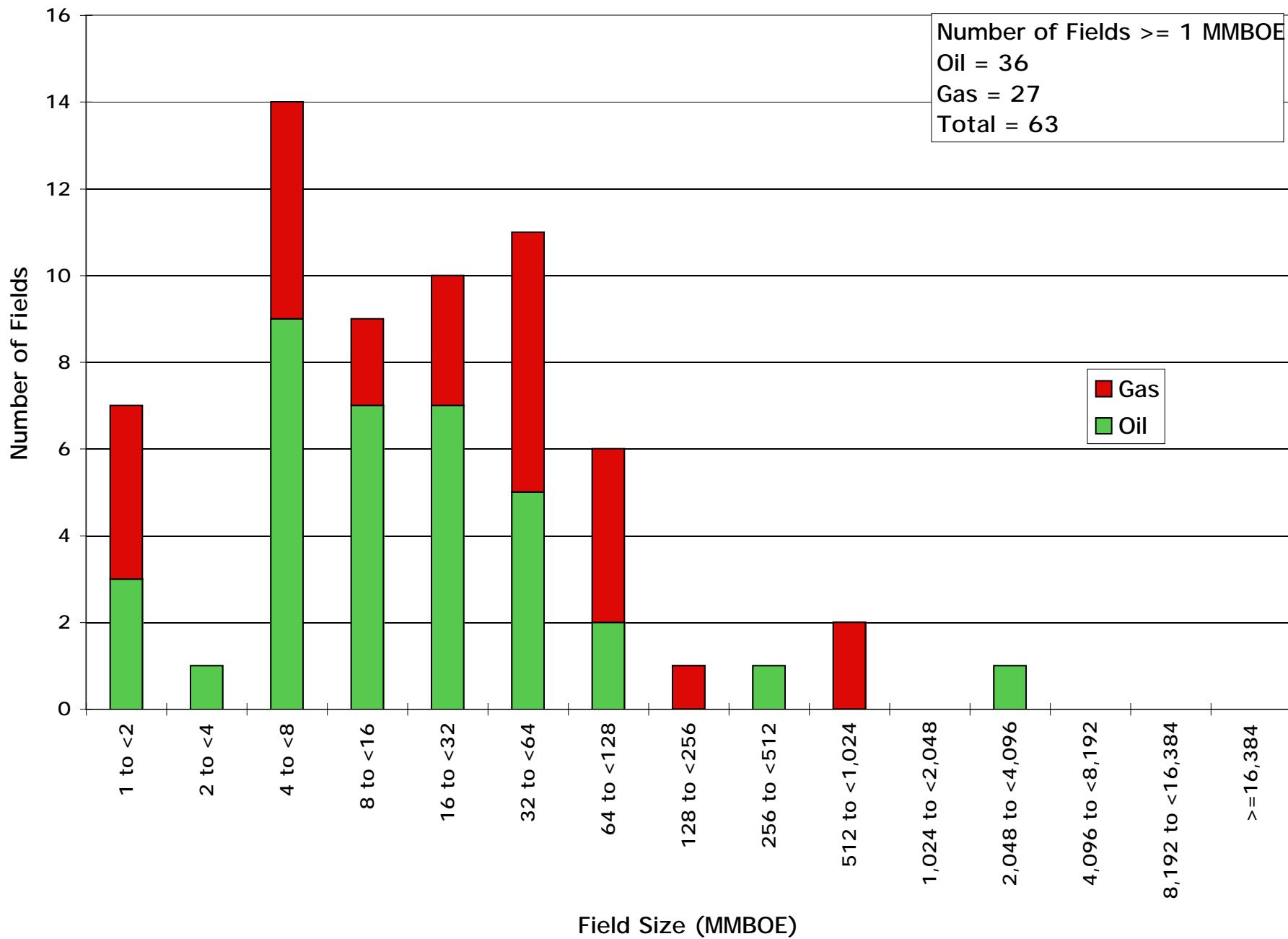
Zagros Fold Belt Province 2030



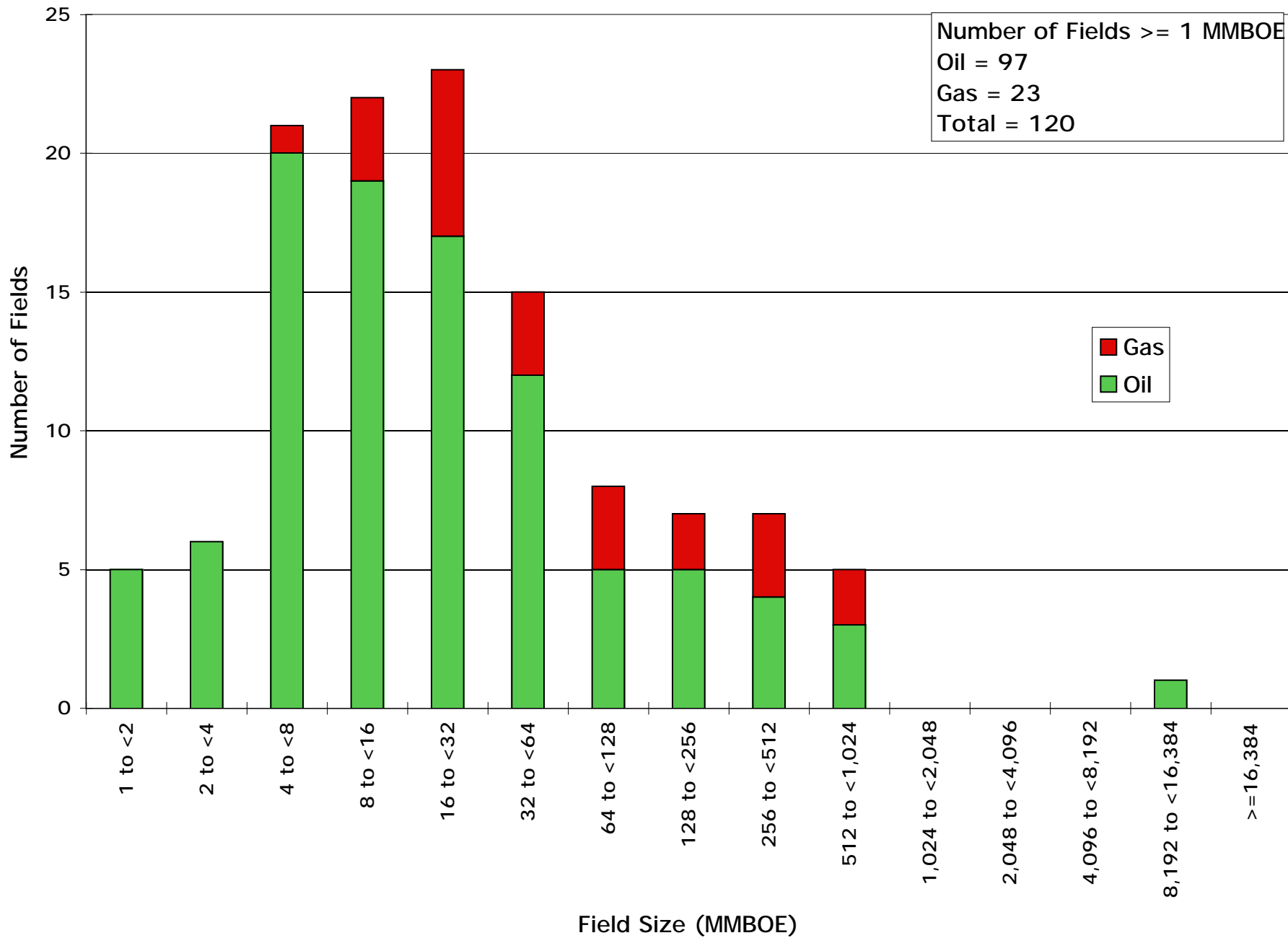
Sirte Basin Province 2043



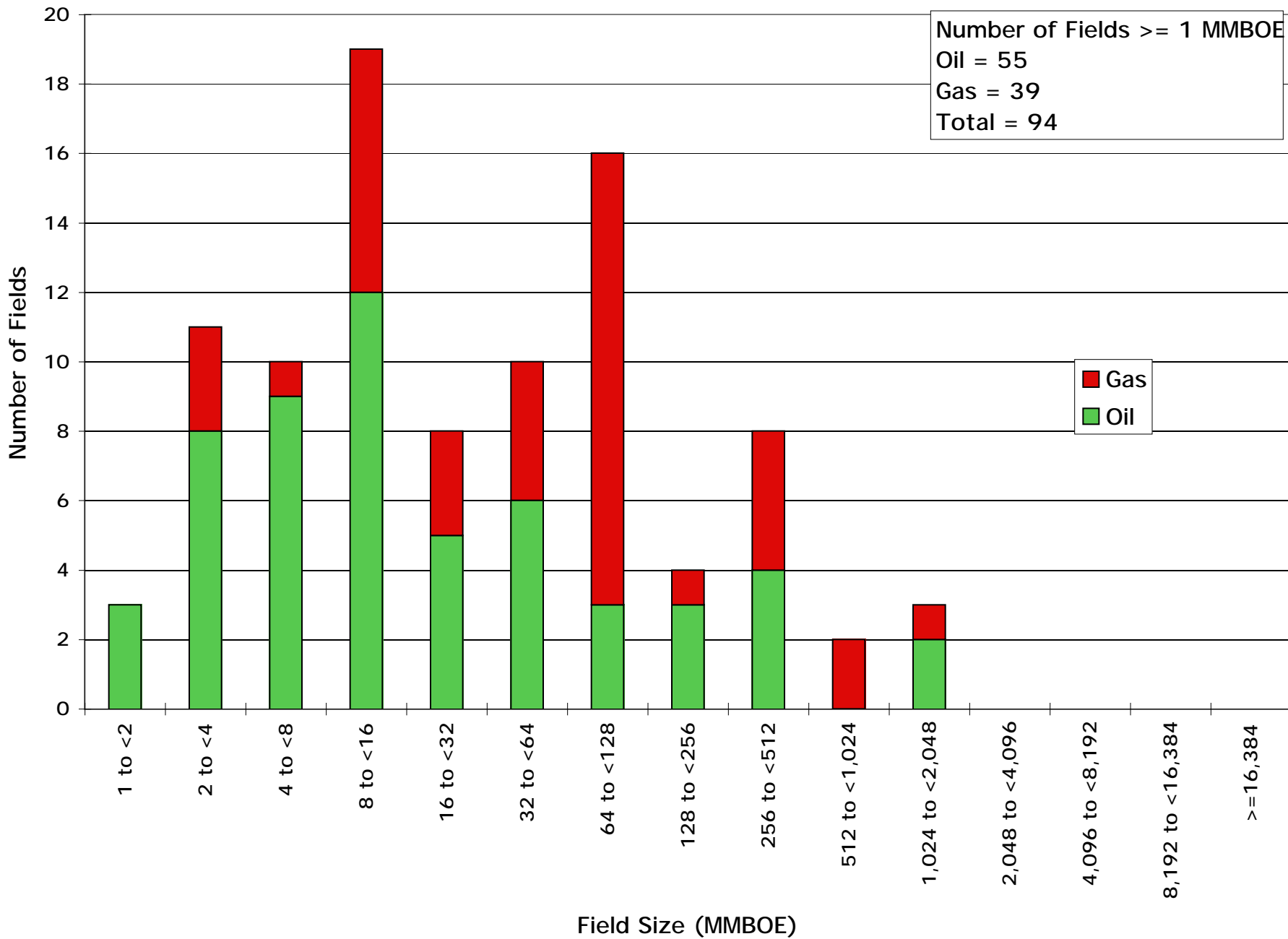
Pelagian Basin Province 2048



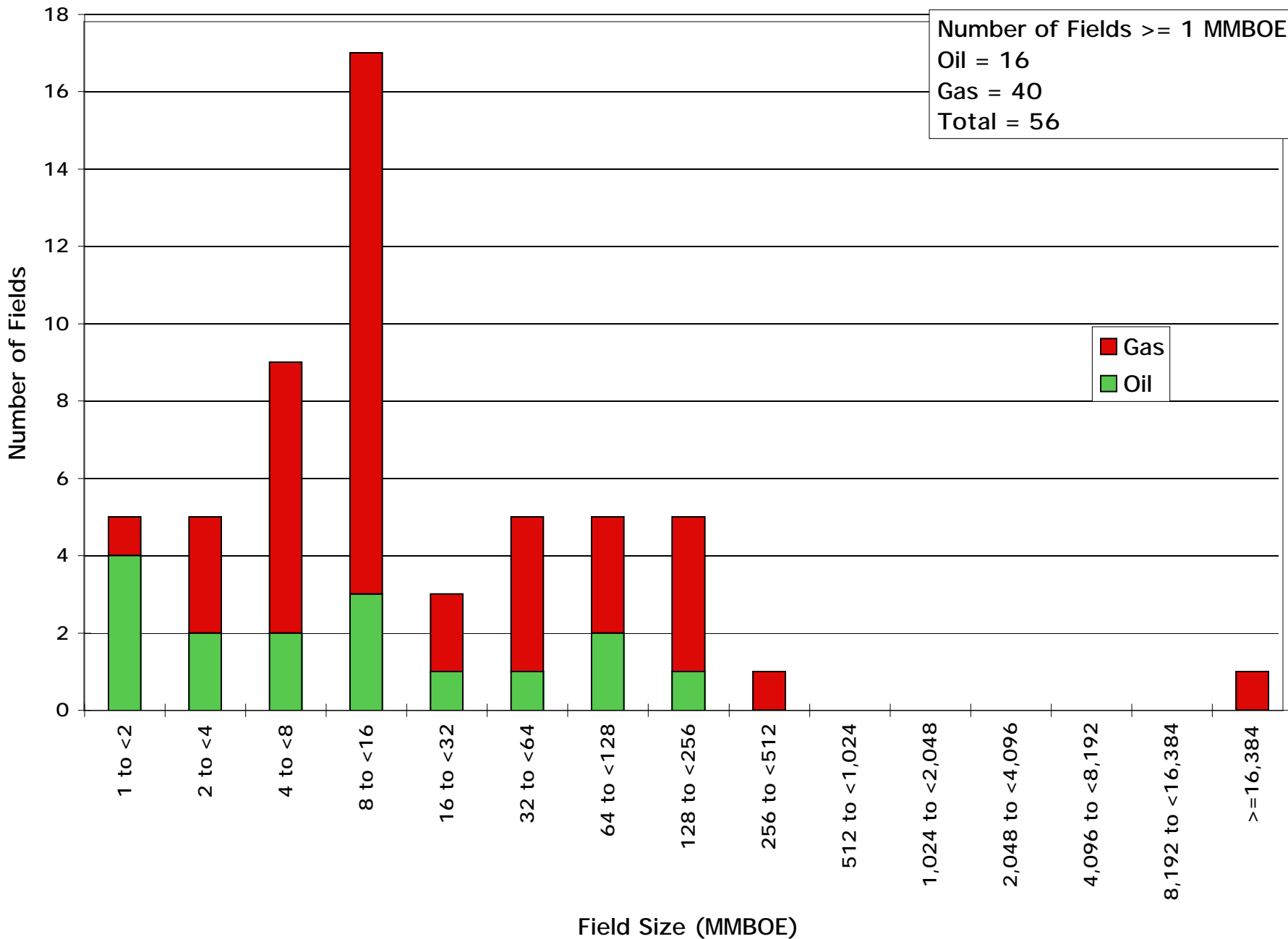
Trias/Ghadames Basin Province 2054



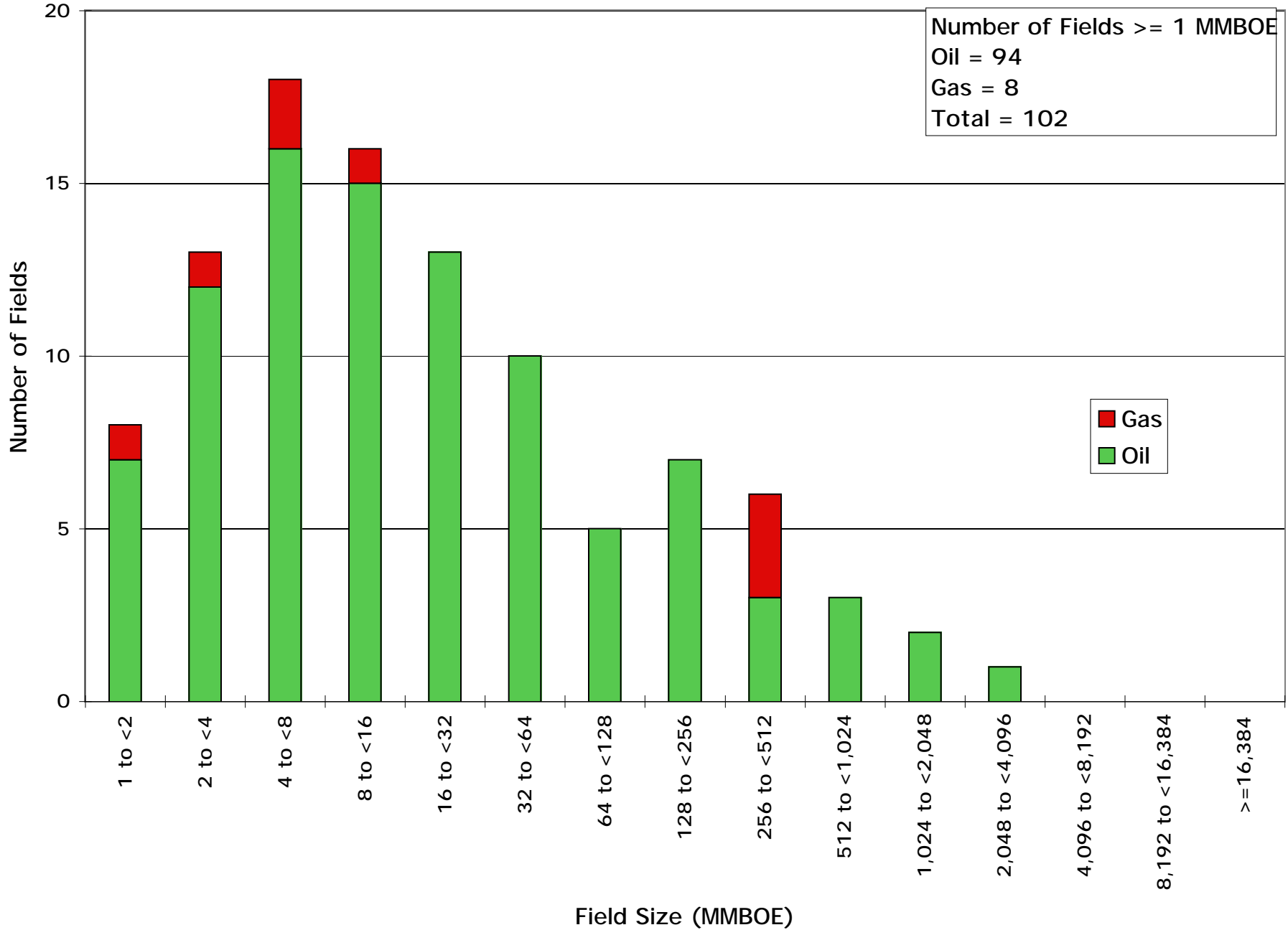
Illizi Basin Province 2056



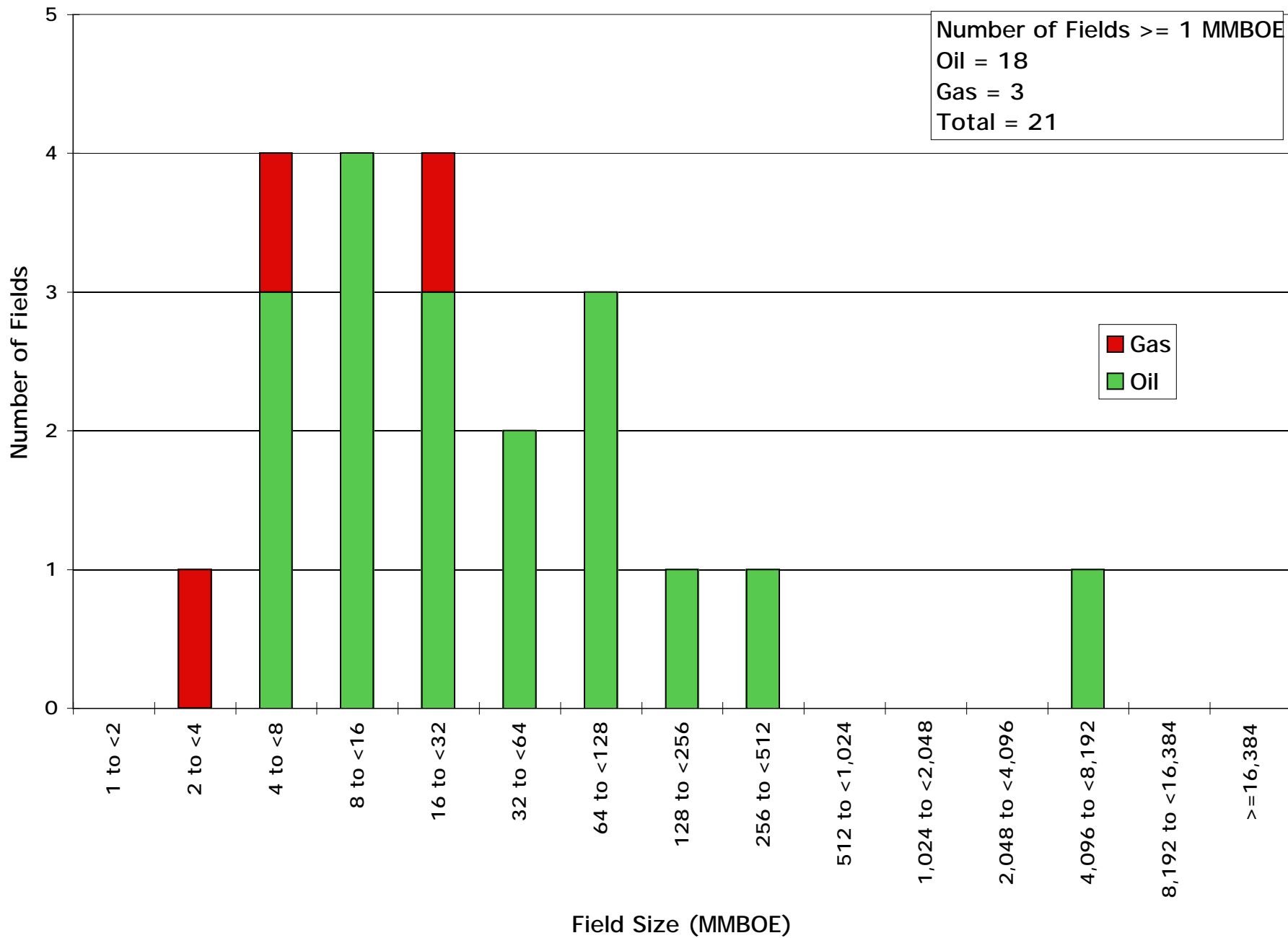
Grand Erg/Ahnet Basin Province 2058



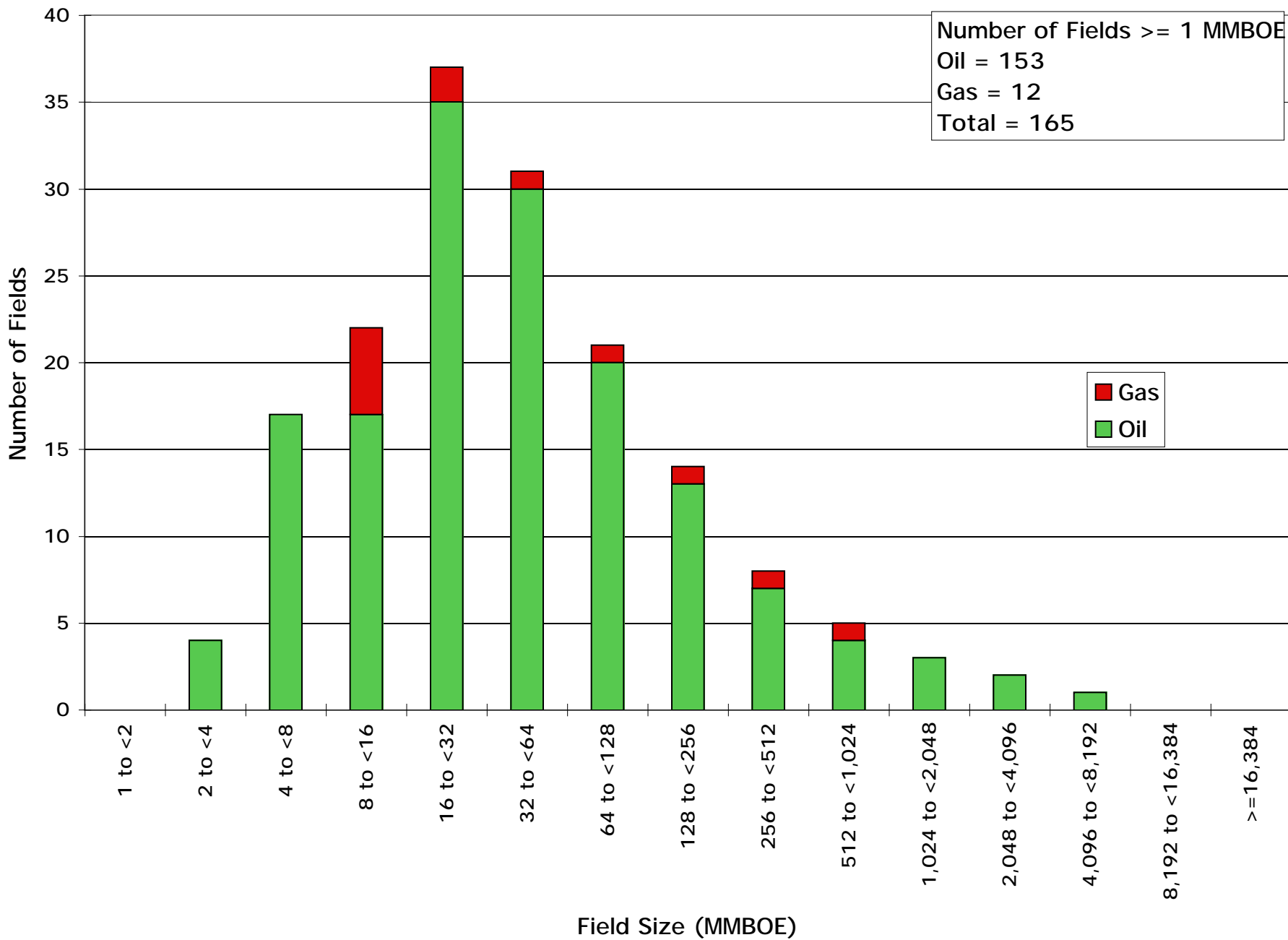
Red Sea Basin Province 2071



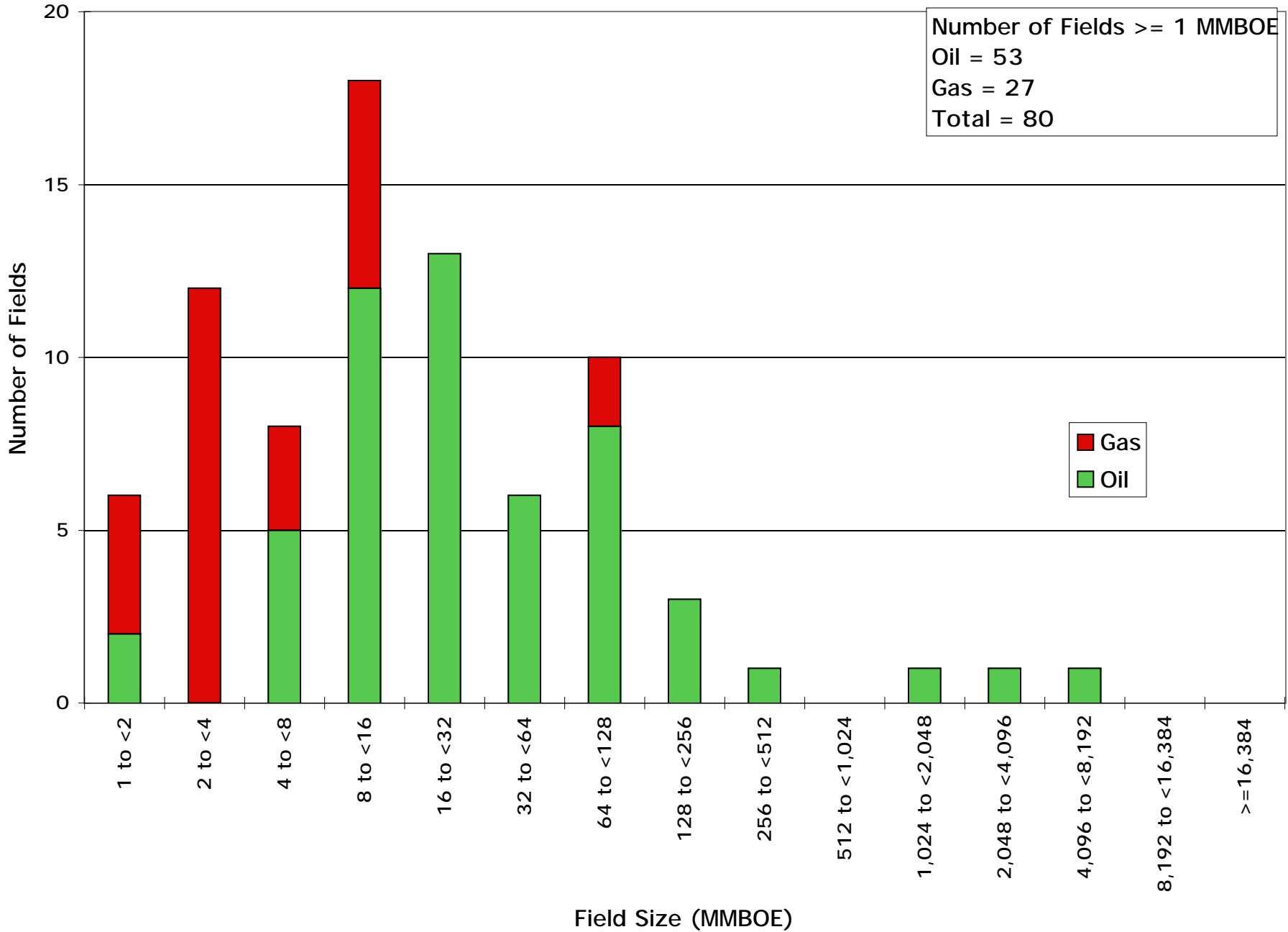
Jungger Basin Province 3115



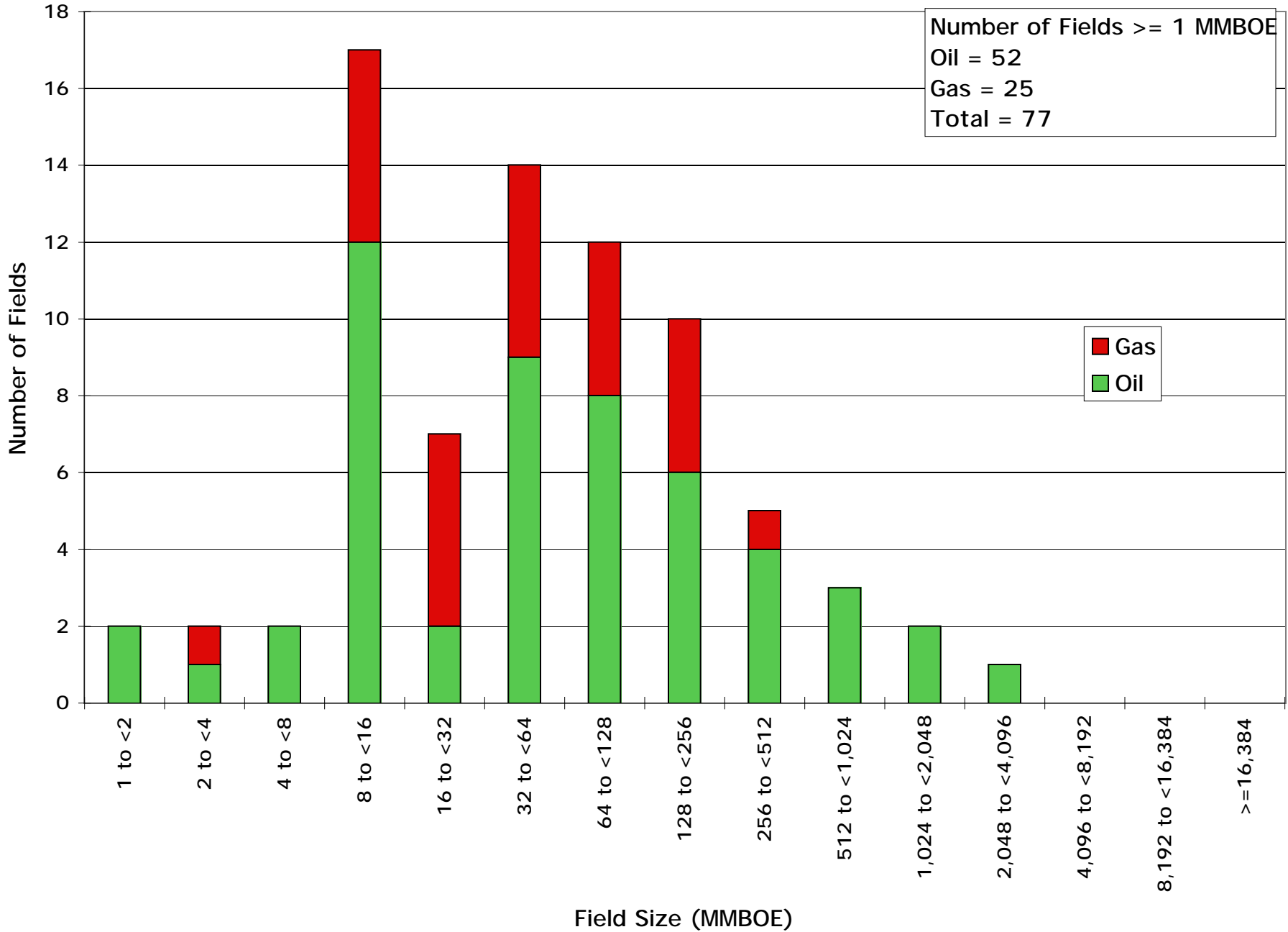
Bohaiwan Basin
Province 3127



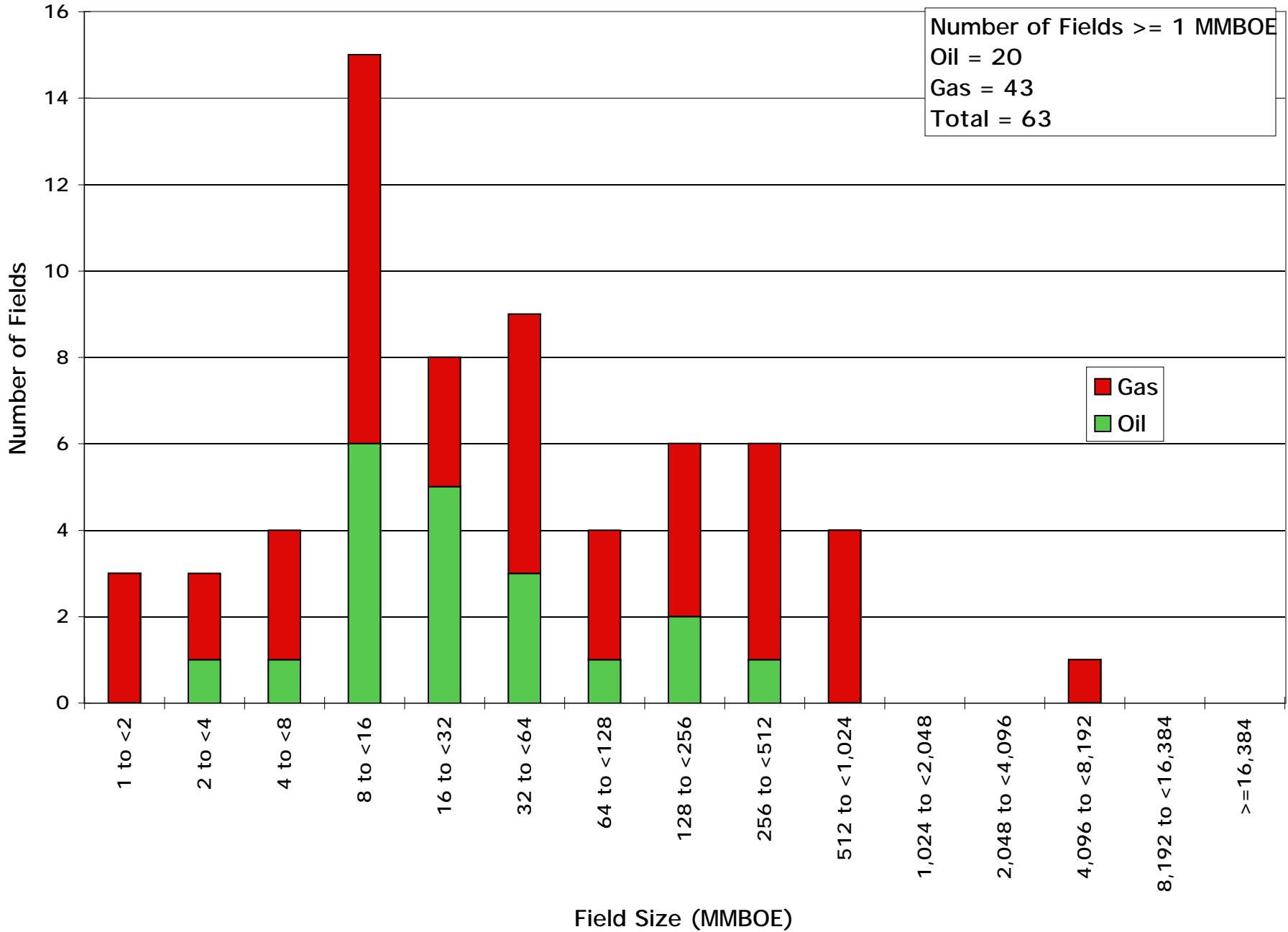
Songliao Basin
Province 3144



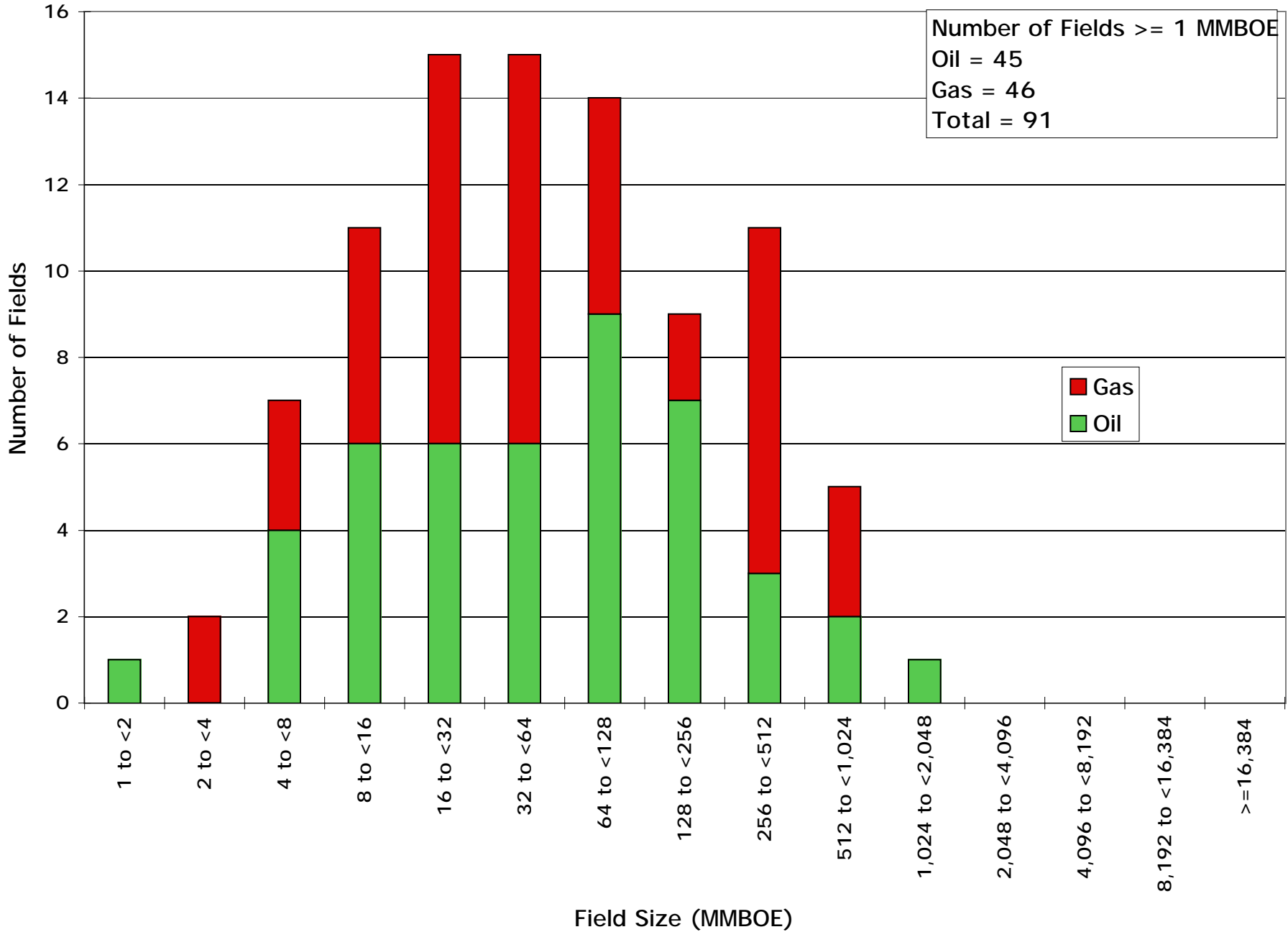
Baram Delta/Brunei-Sabah Basin
Province 3701



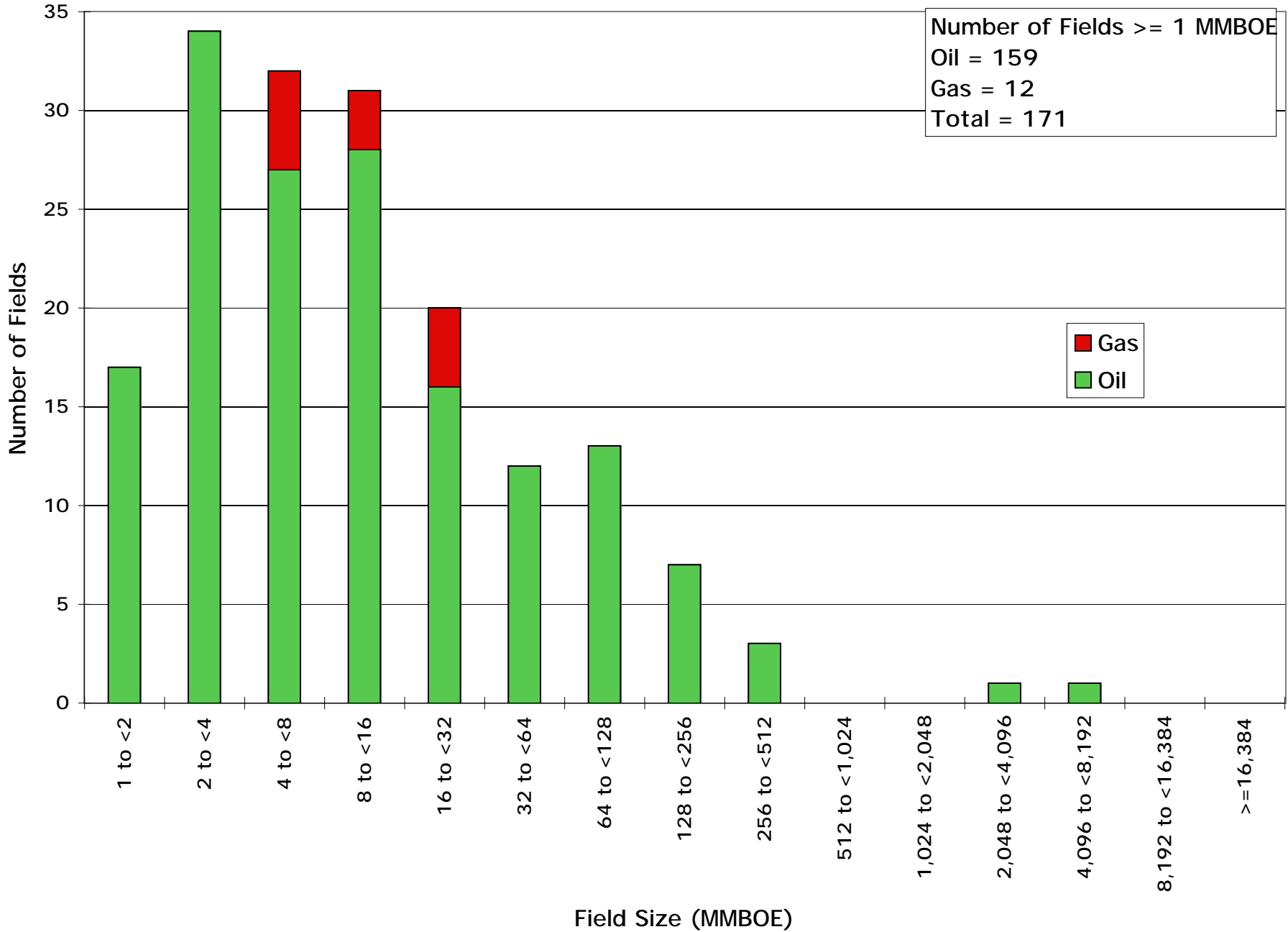
Greater Sarawak Basin Province 3702



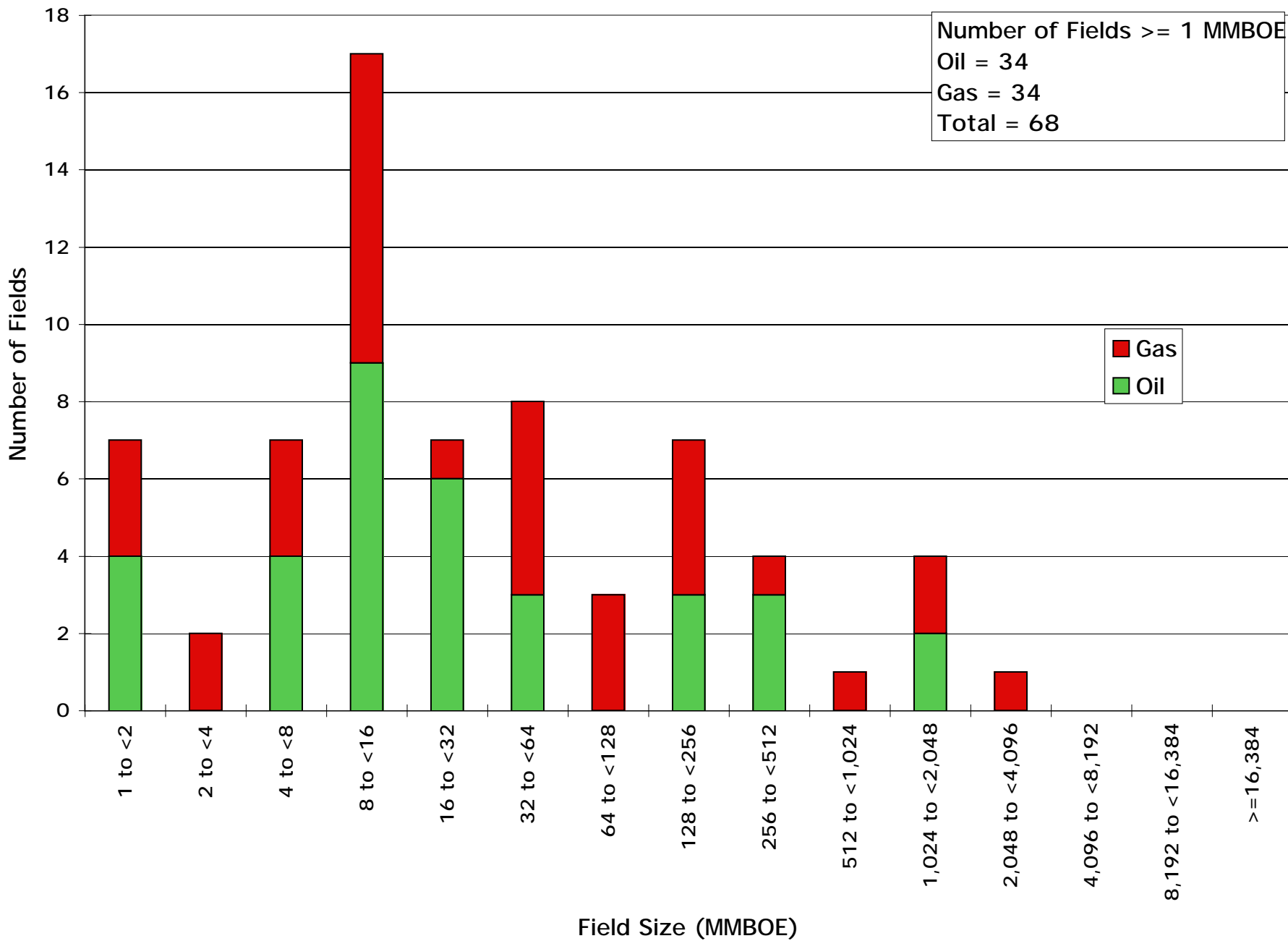
Malay Basin
Province 3703



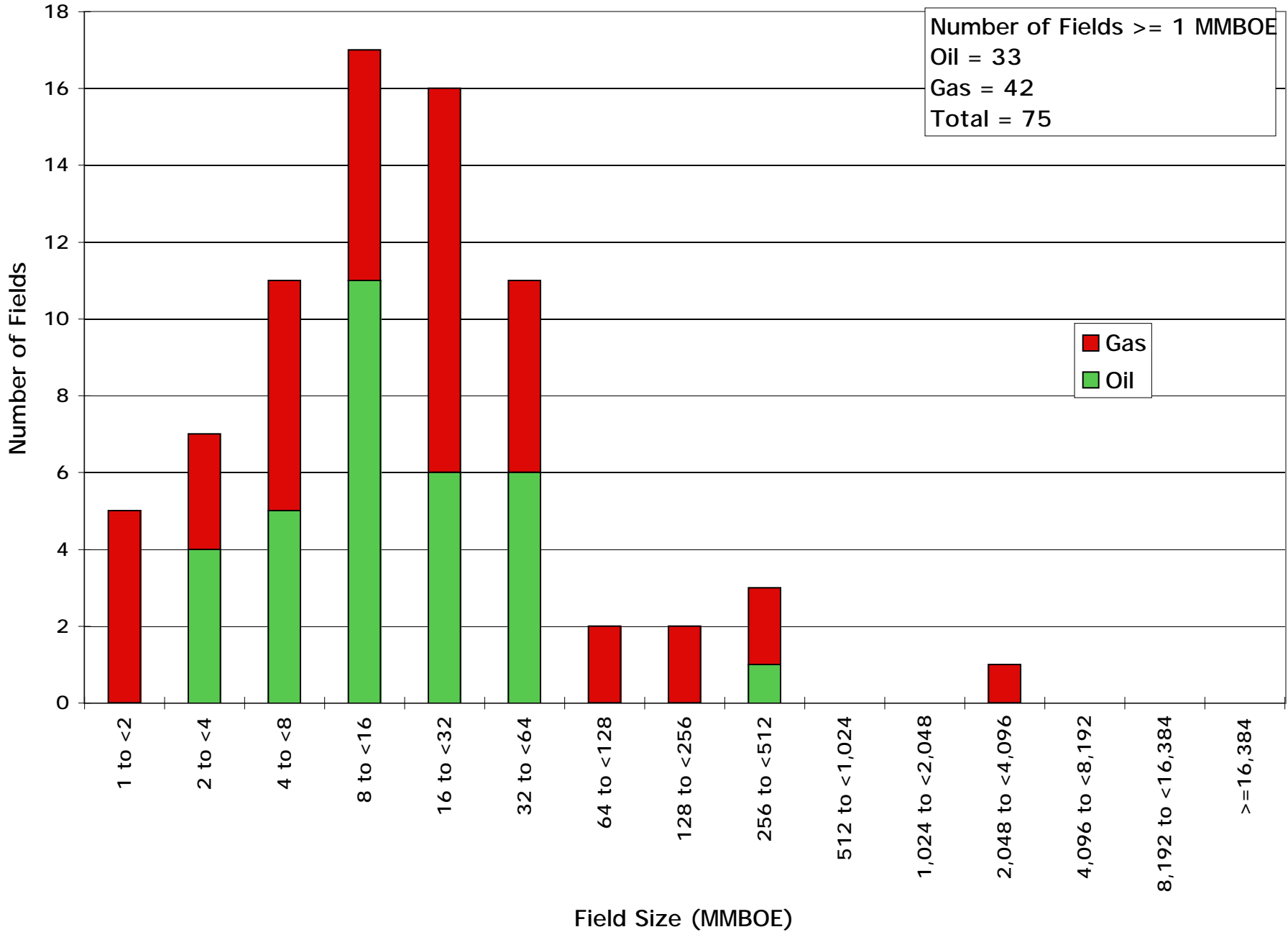
Central Sumatra Basin
Province 3808



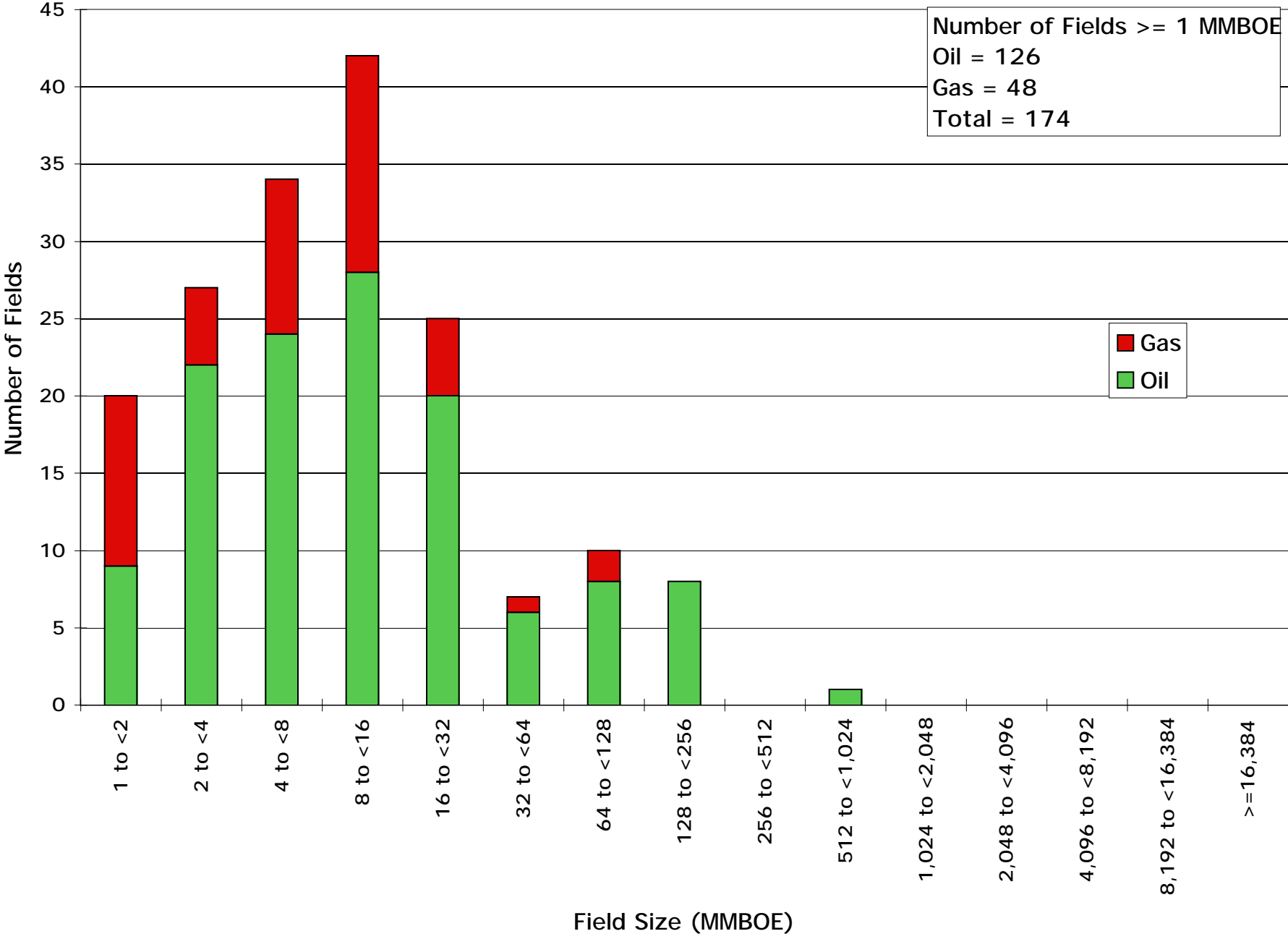
Kutei Basin Province 3817



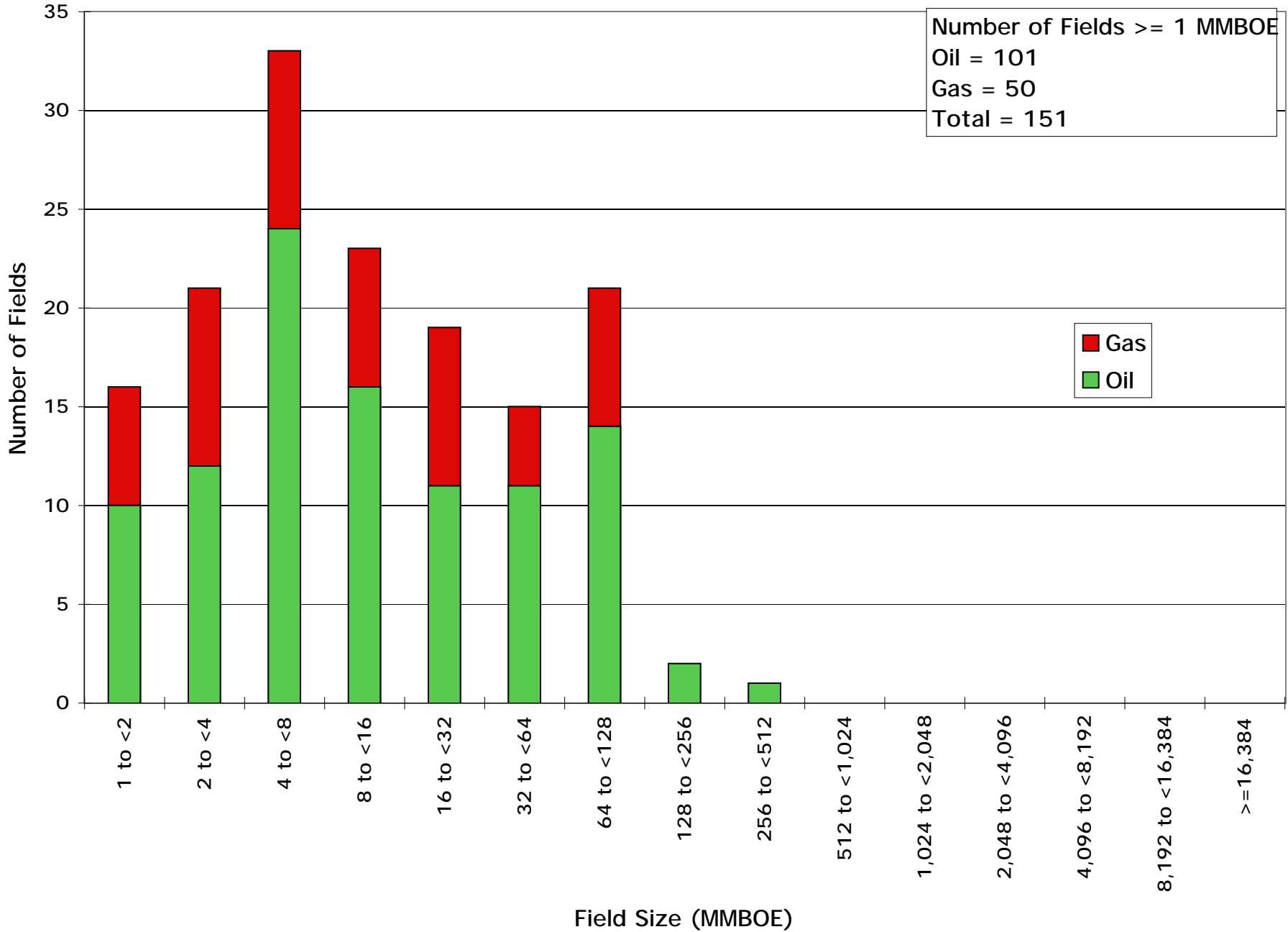
North Sumatra Basin Province 3822



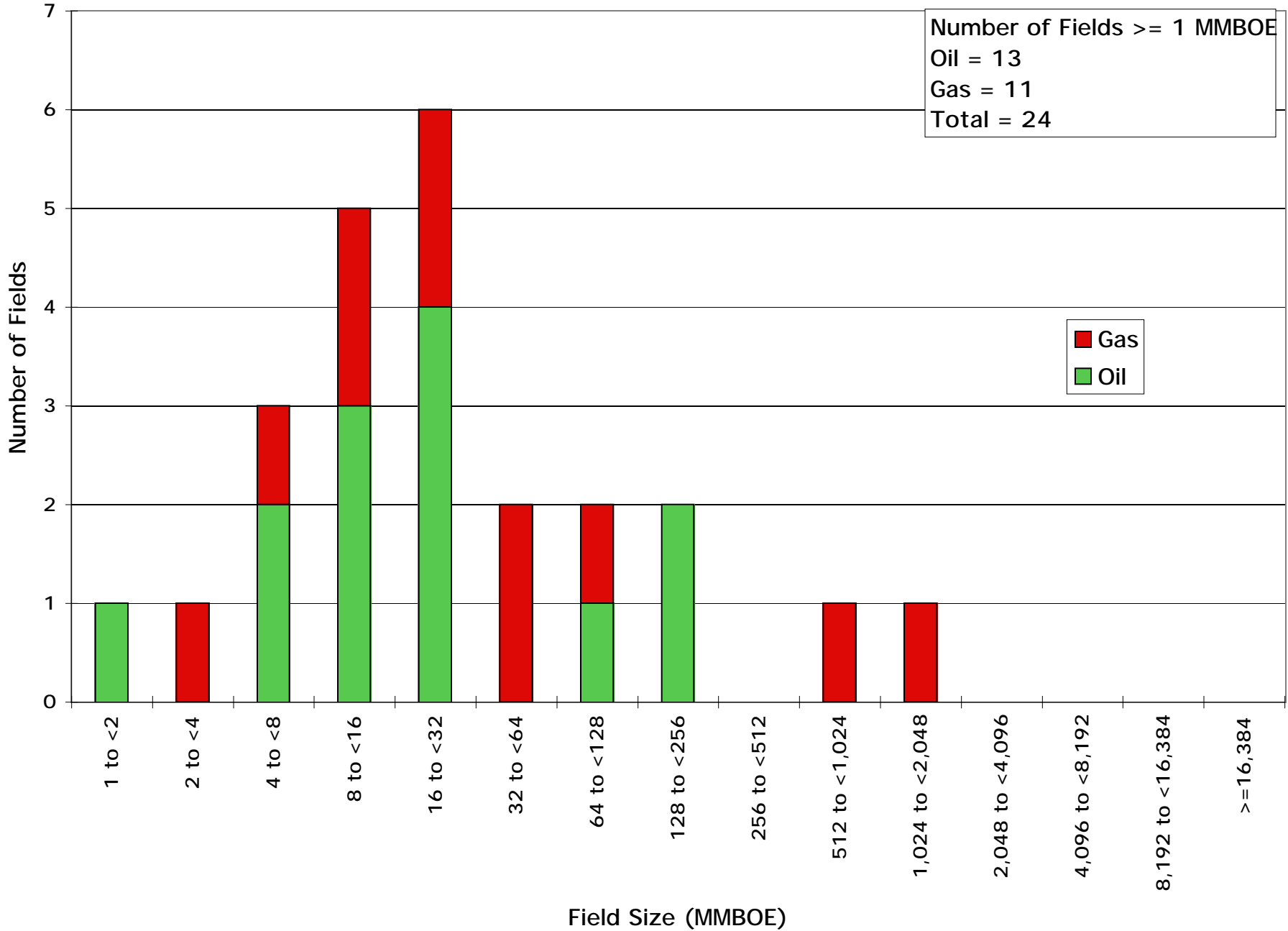
Northwest Java Basin
Province 3824



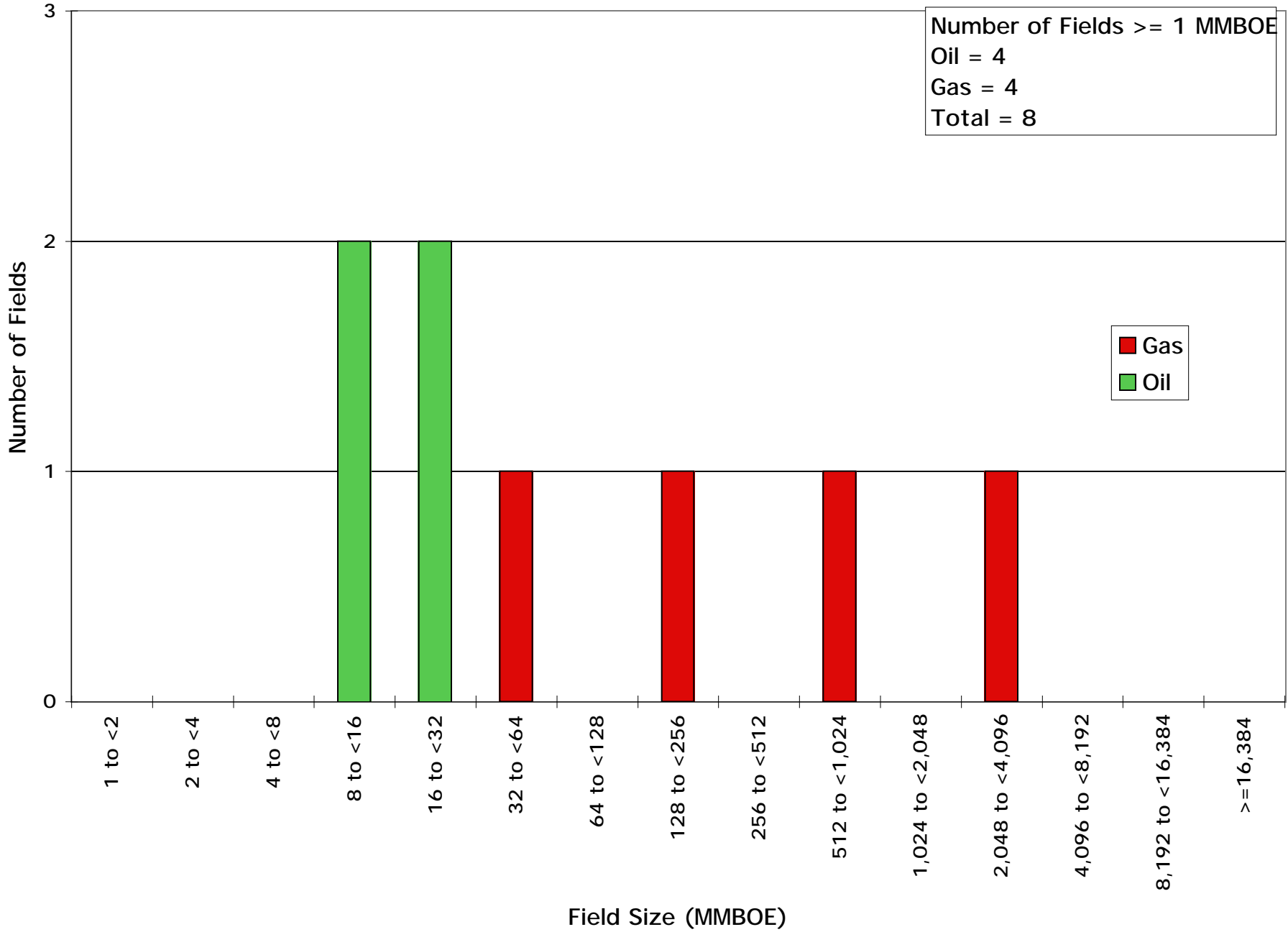
South Sumatra Basin
Province 3828



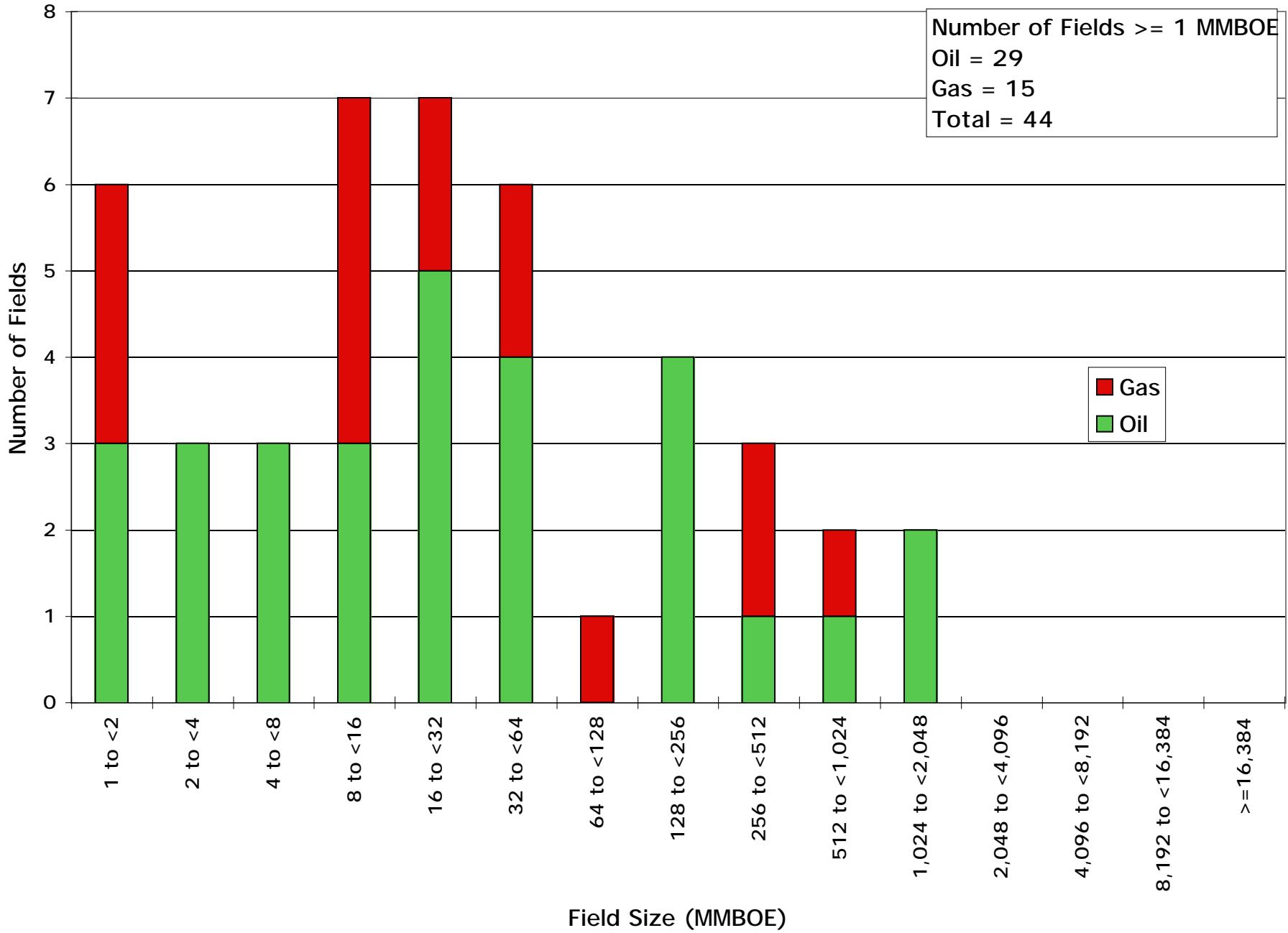
Bonaparte Gulf Basin Province 3910



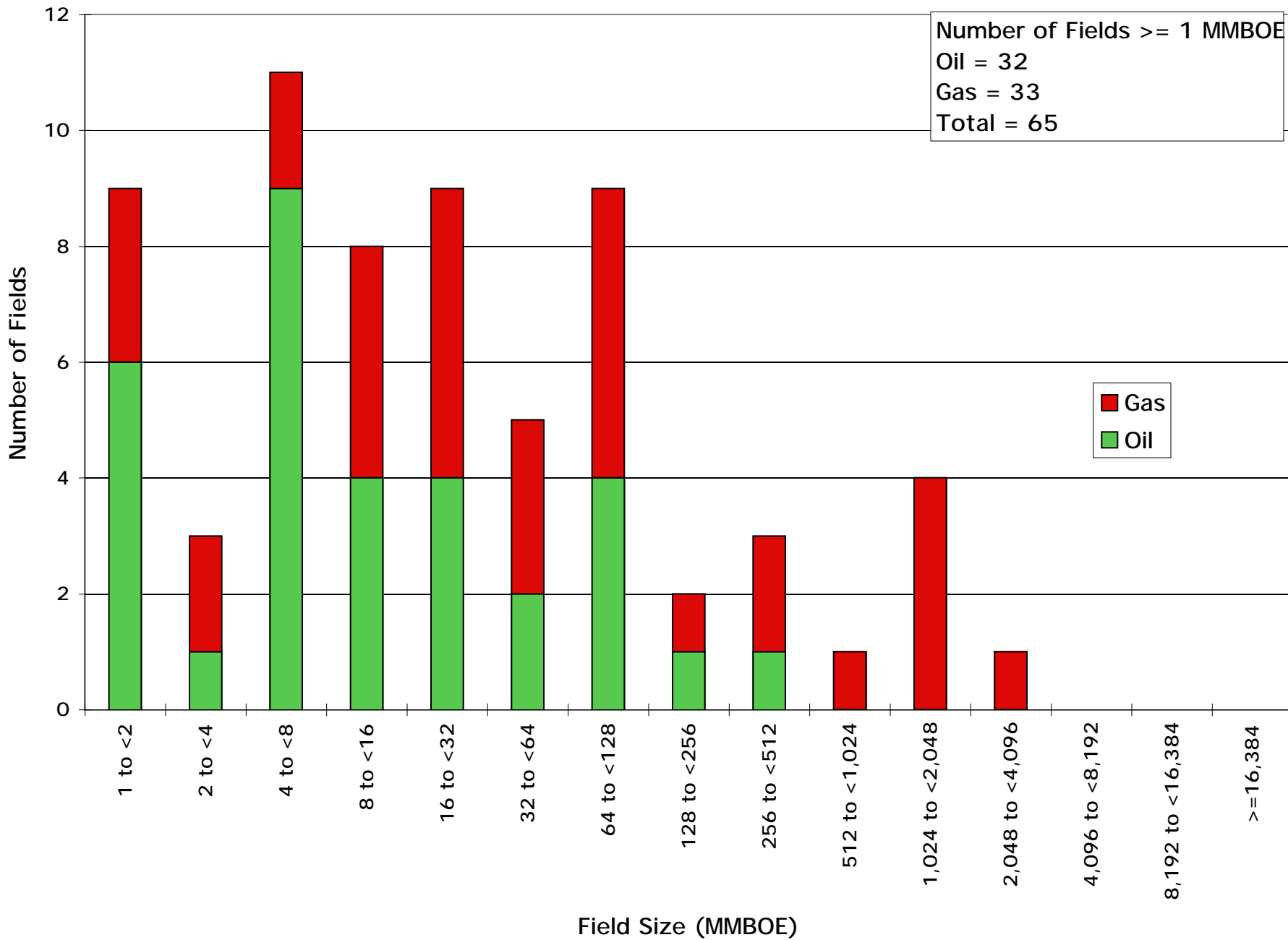
Browse Basin
Province 3913



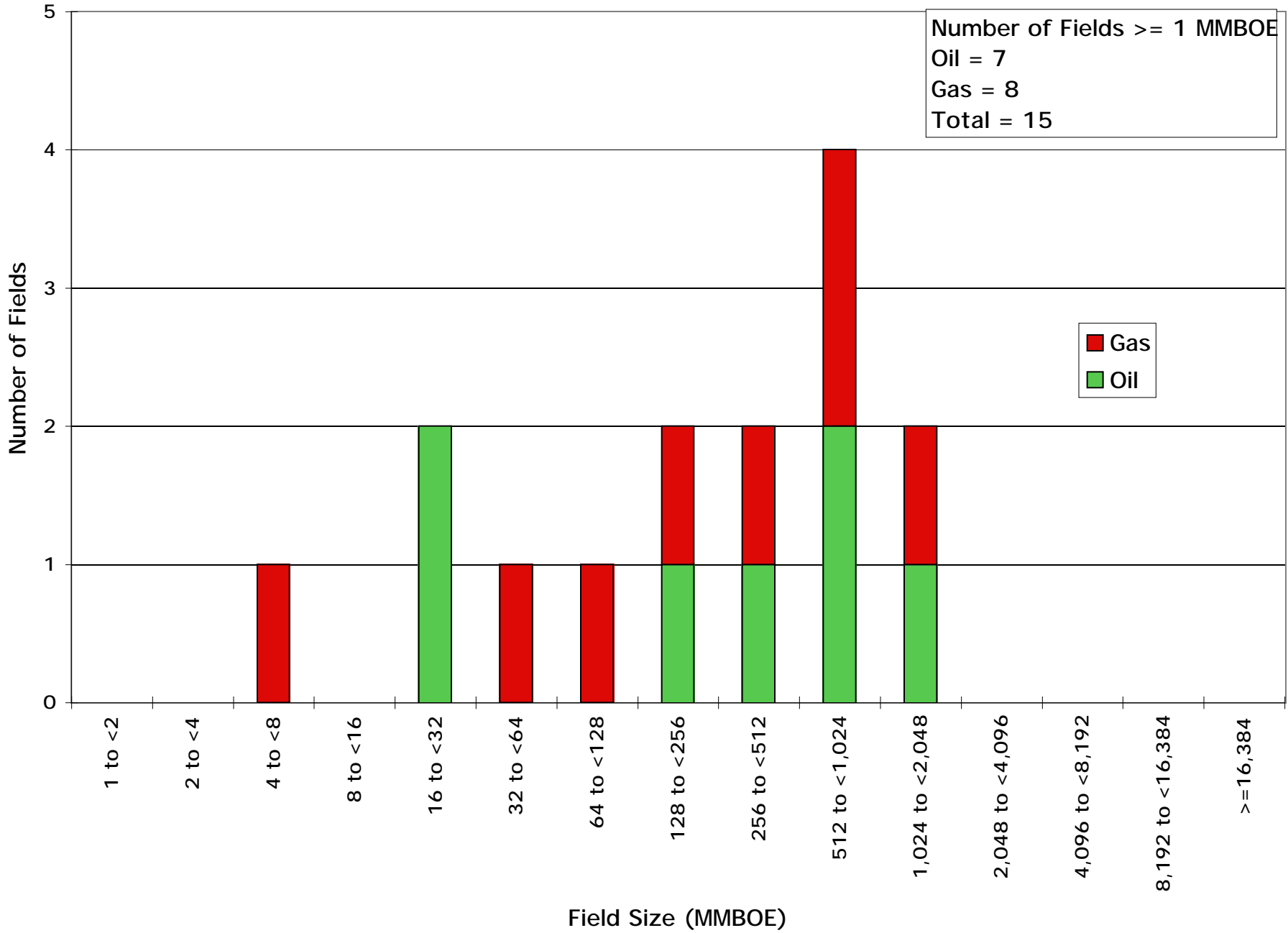
Gippsland Basin
Province 3930



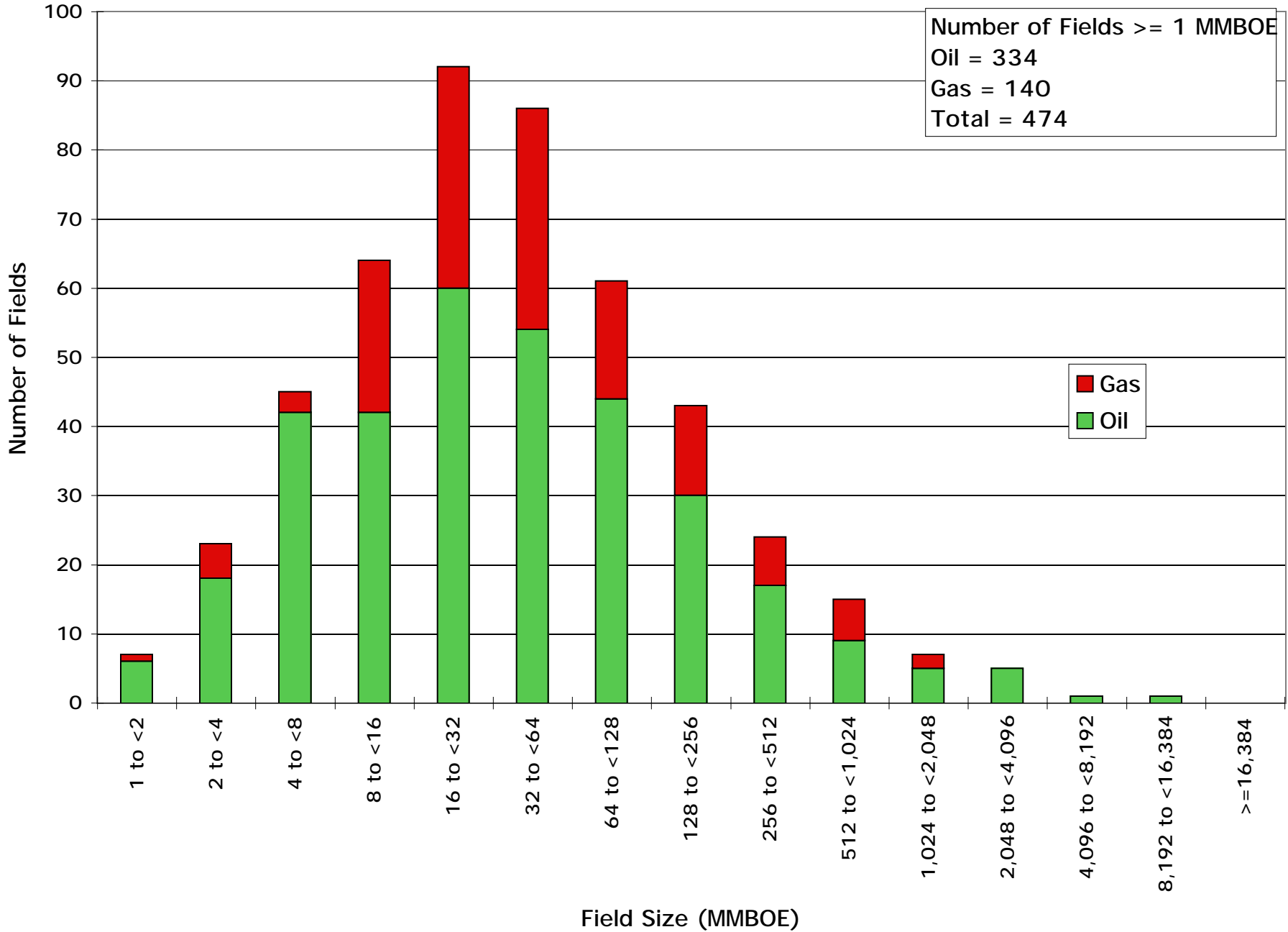
Northwest Shelf
Province 3948



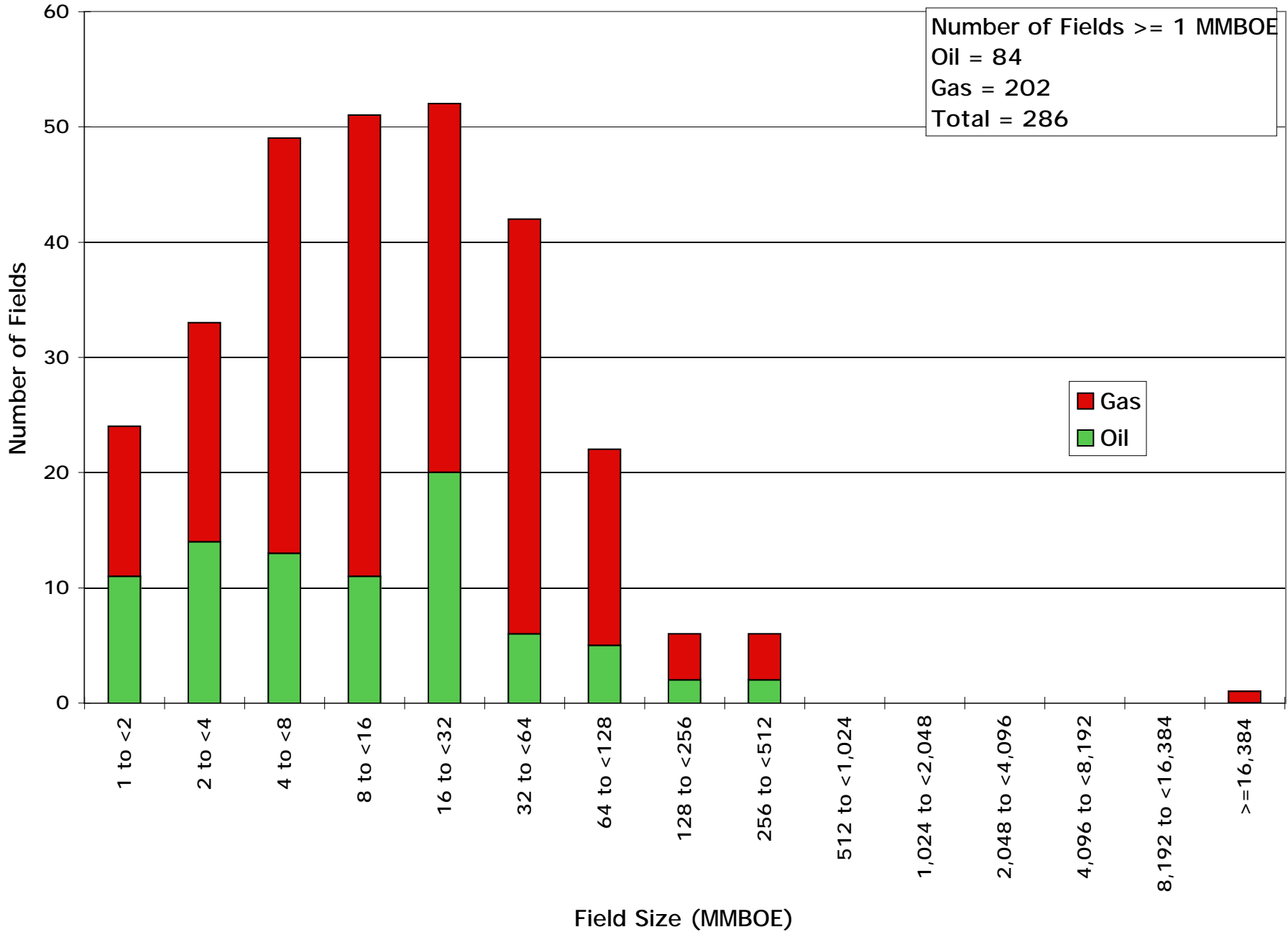
Vestford-Helgeland
Province 4017



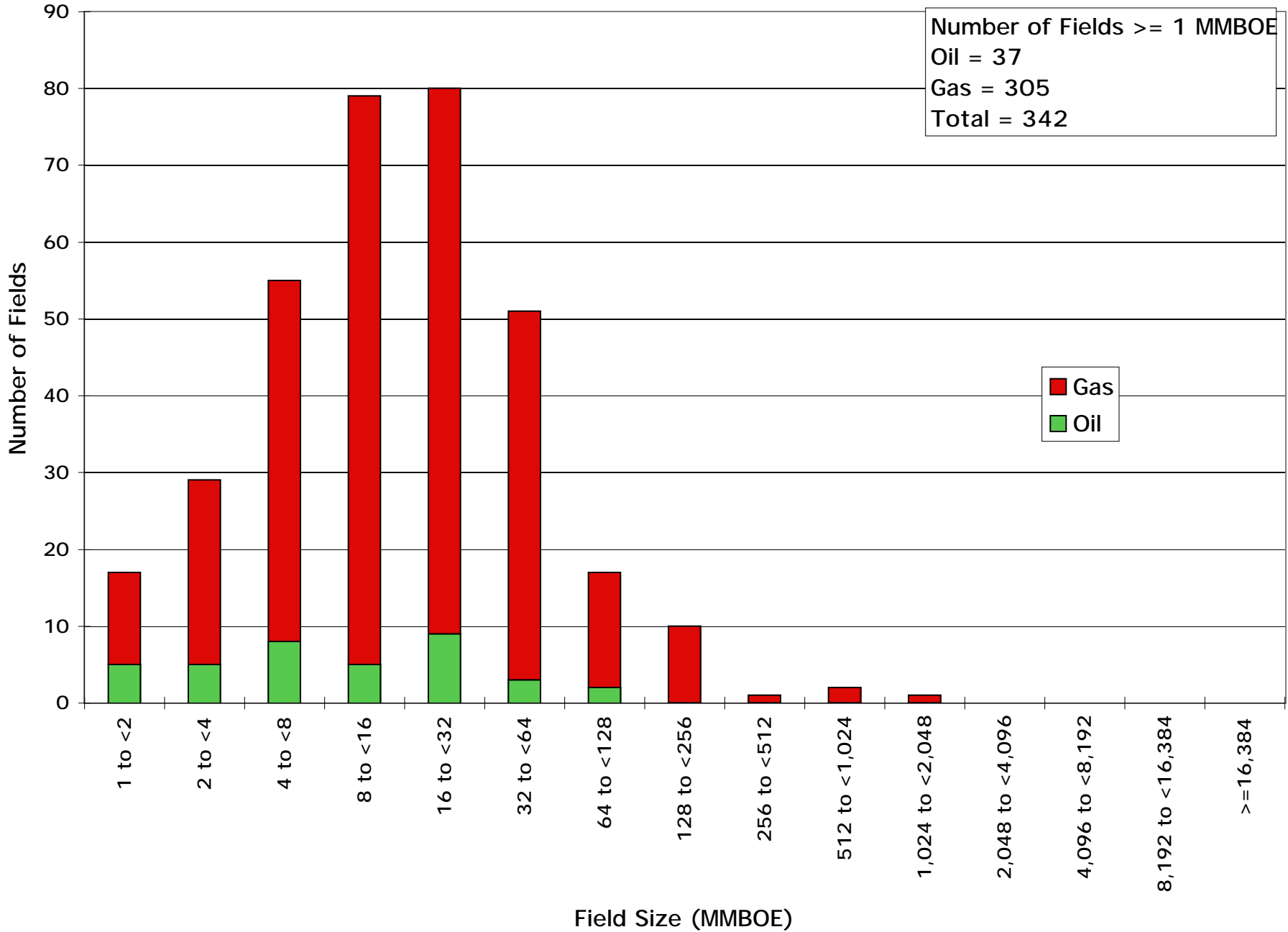
North Sea Graben
Province 4025



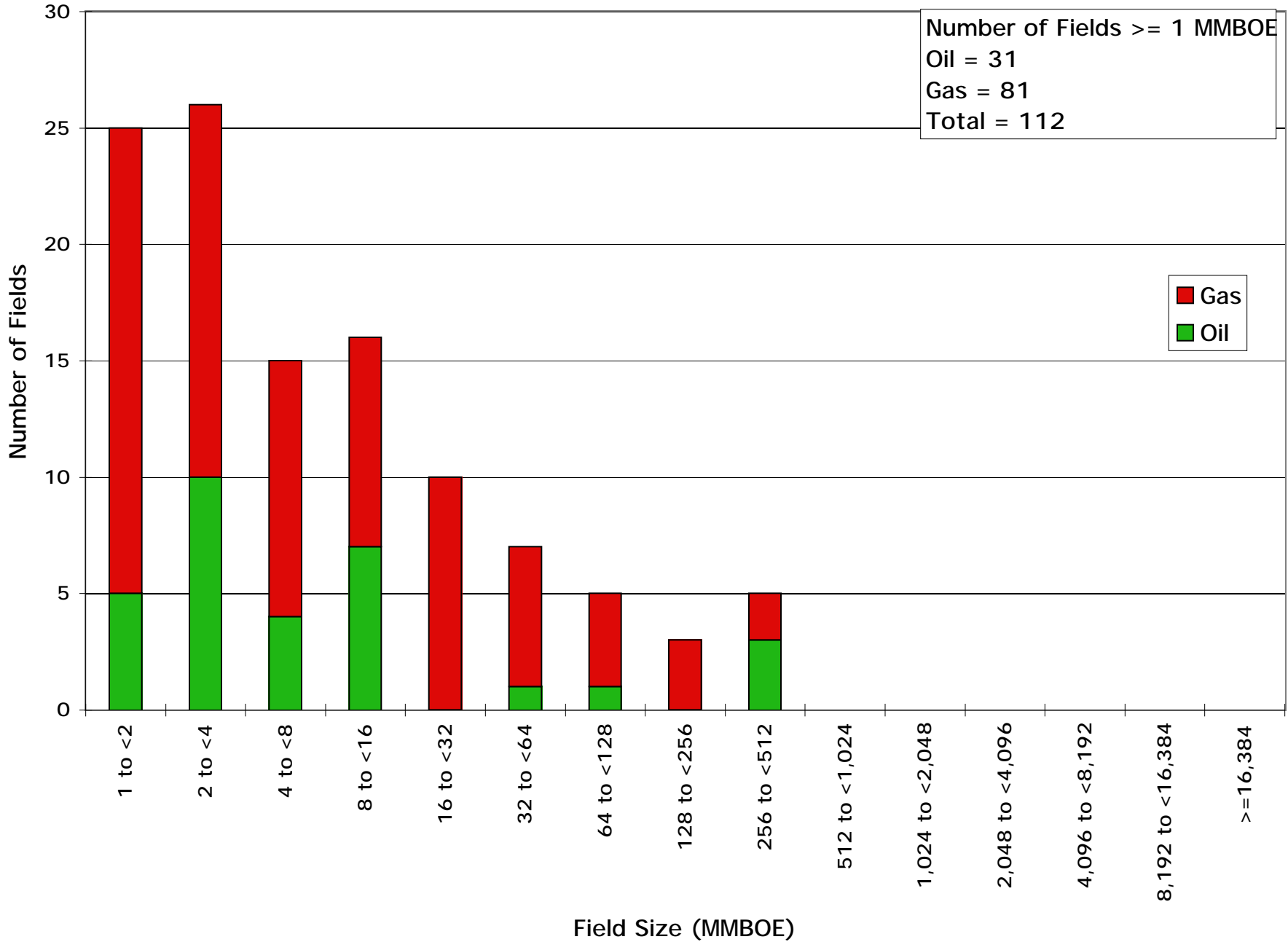
Northwest German Basin Province 4035



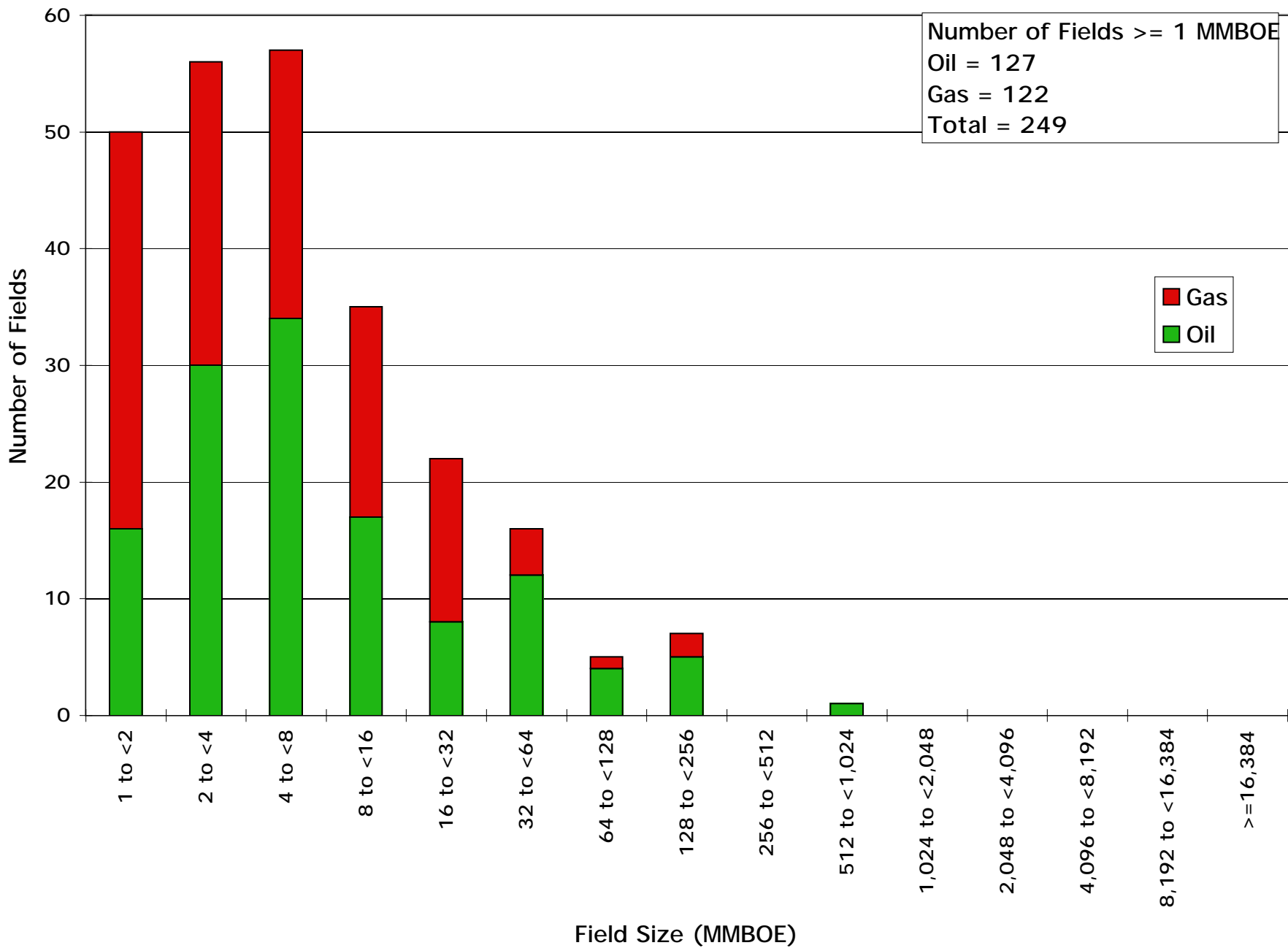
Anglo-Dutch Basin Province 4036



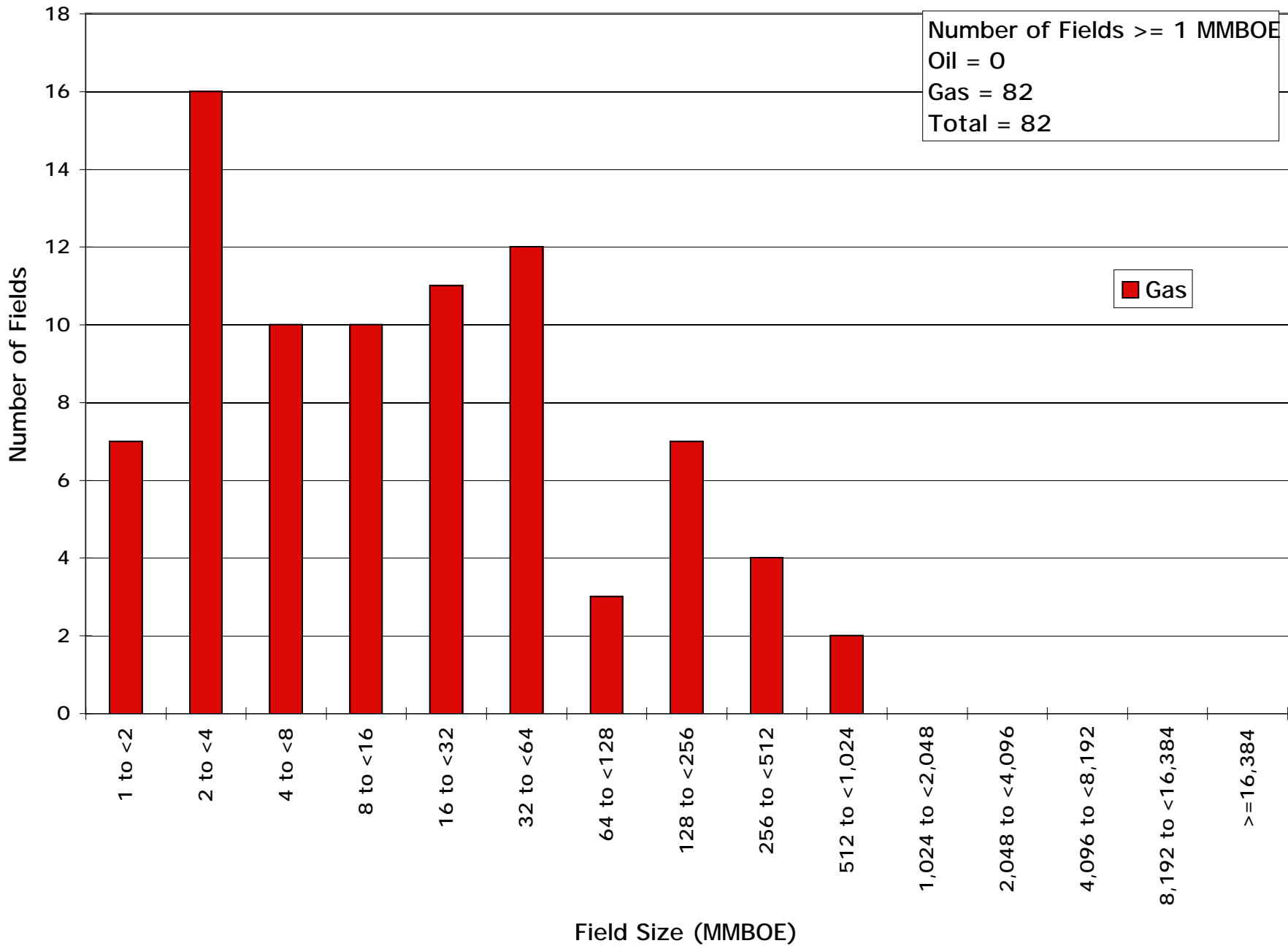
North Carpathian Basin
Province 4047



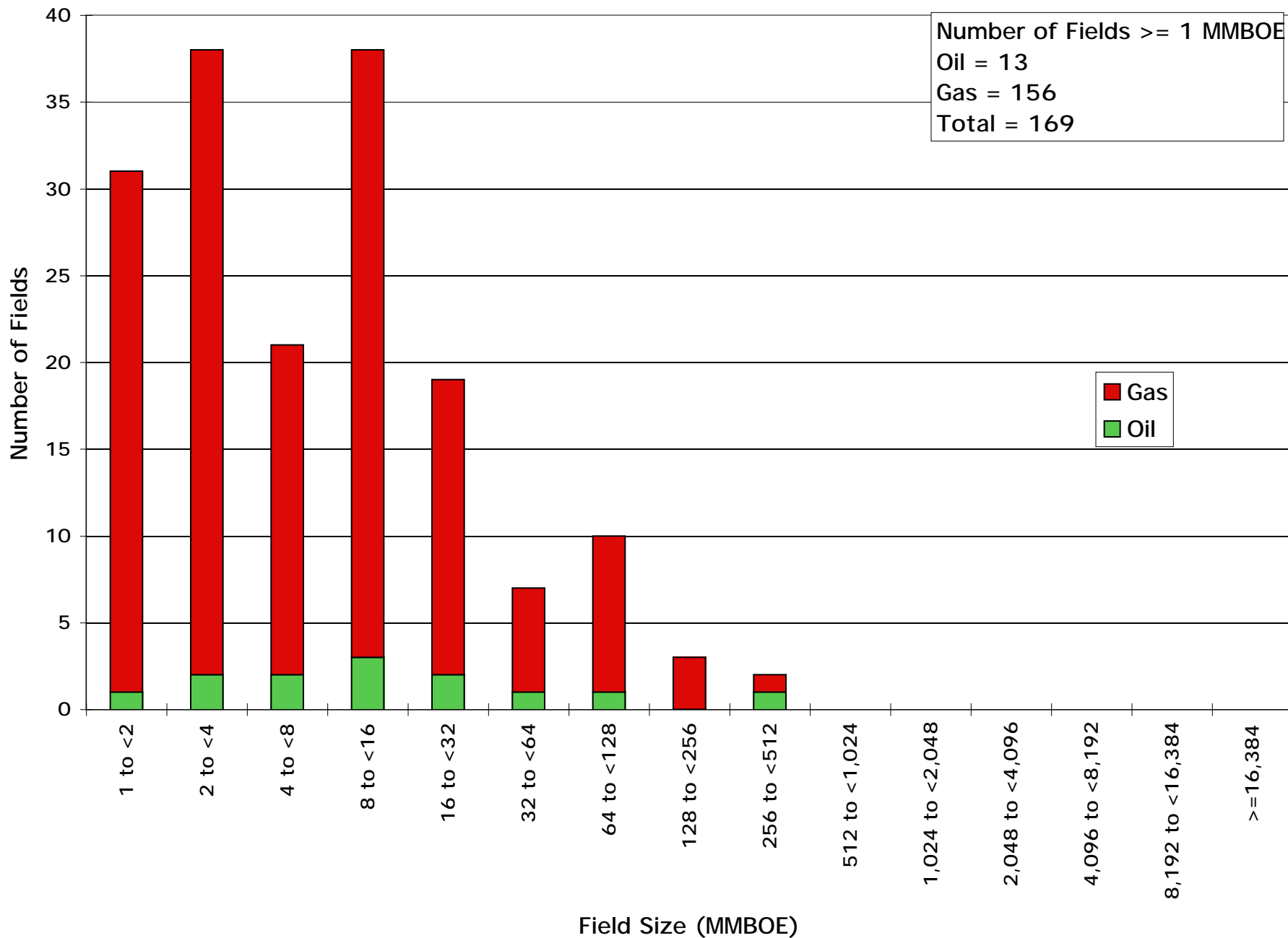
Pannonian Basin
Province 4048



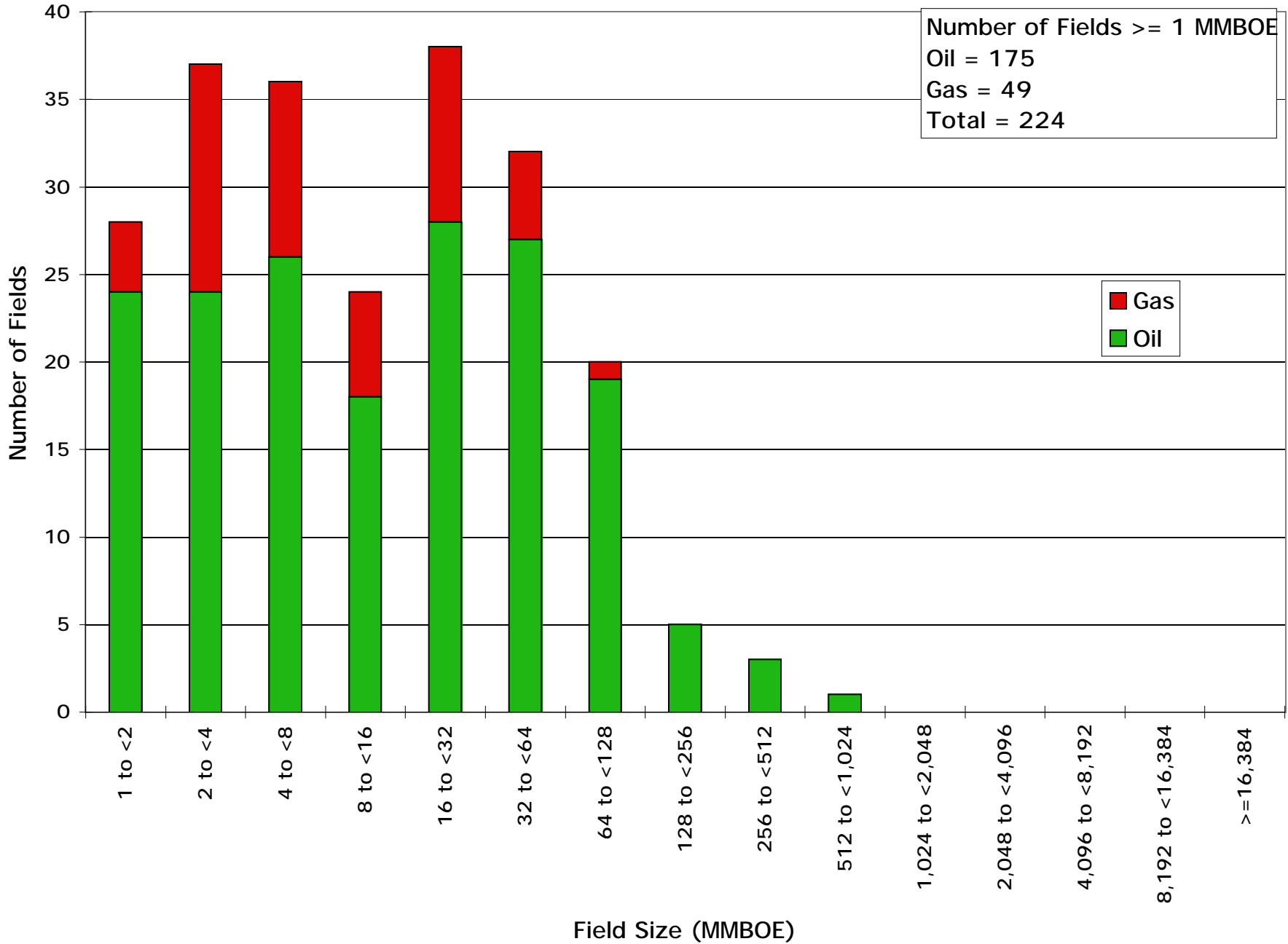
Transylvania Province 4057



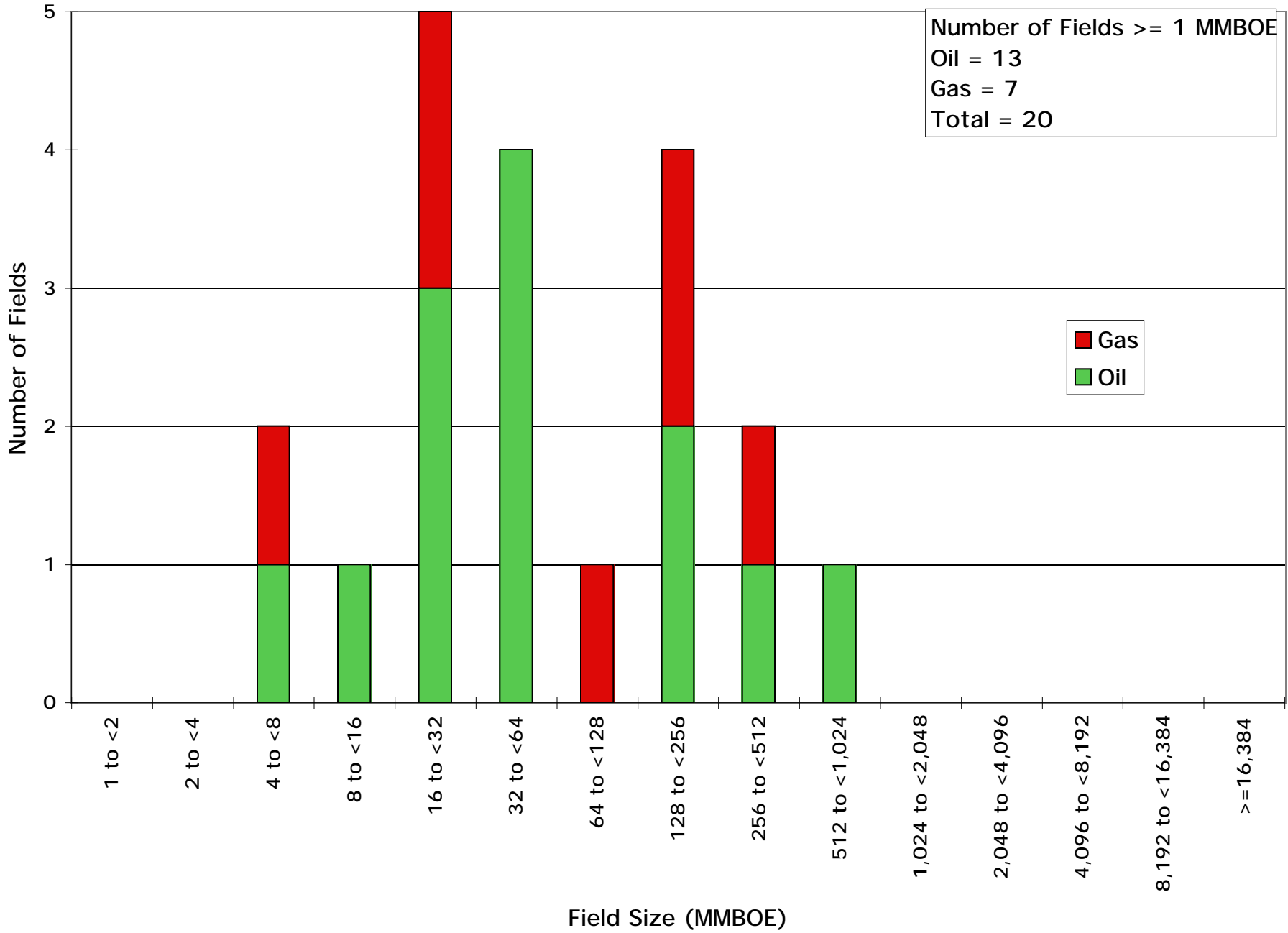
Po Basin
Province 4060



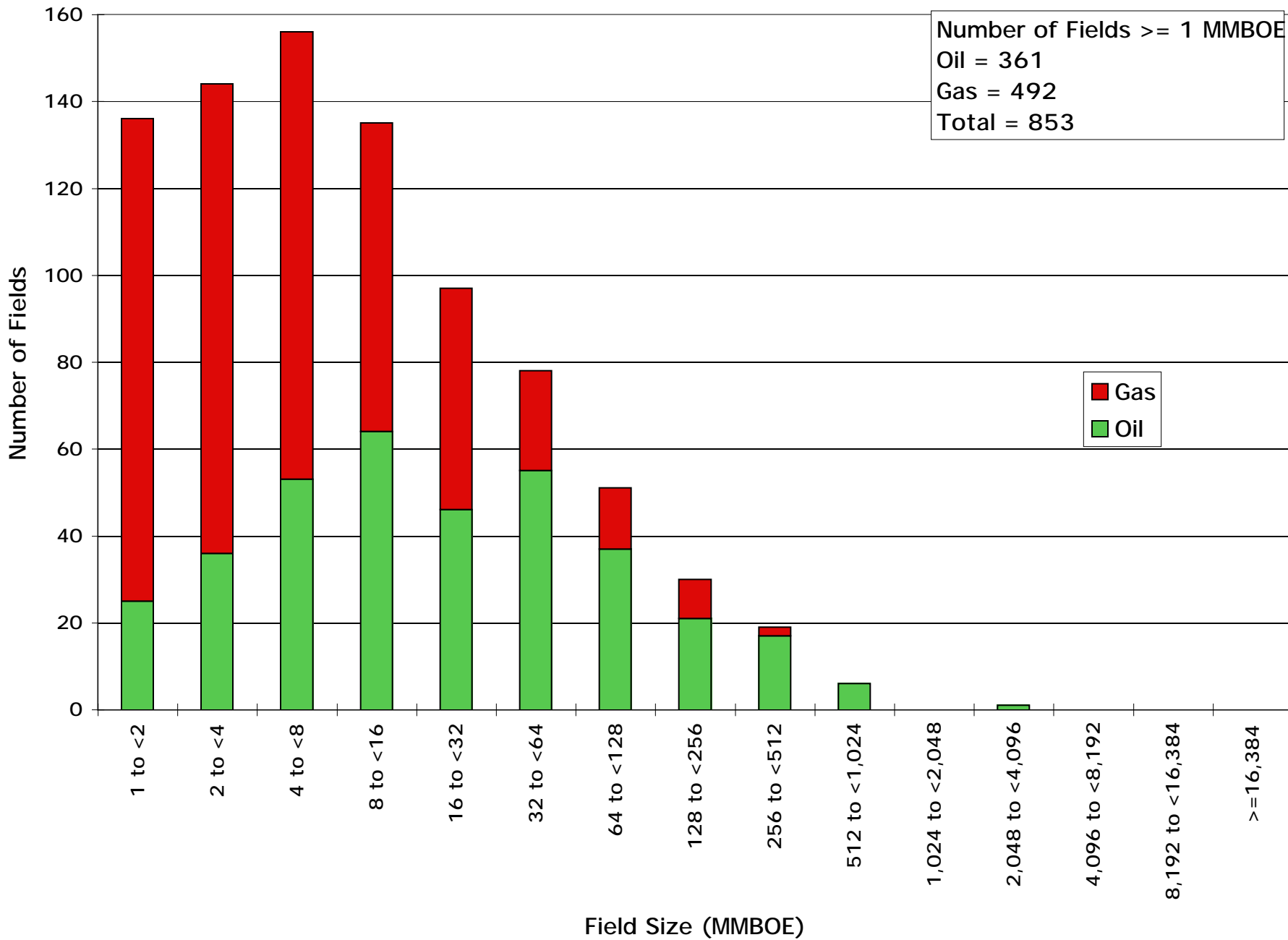
Carpathian-Balkanian Basin
Province 4061



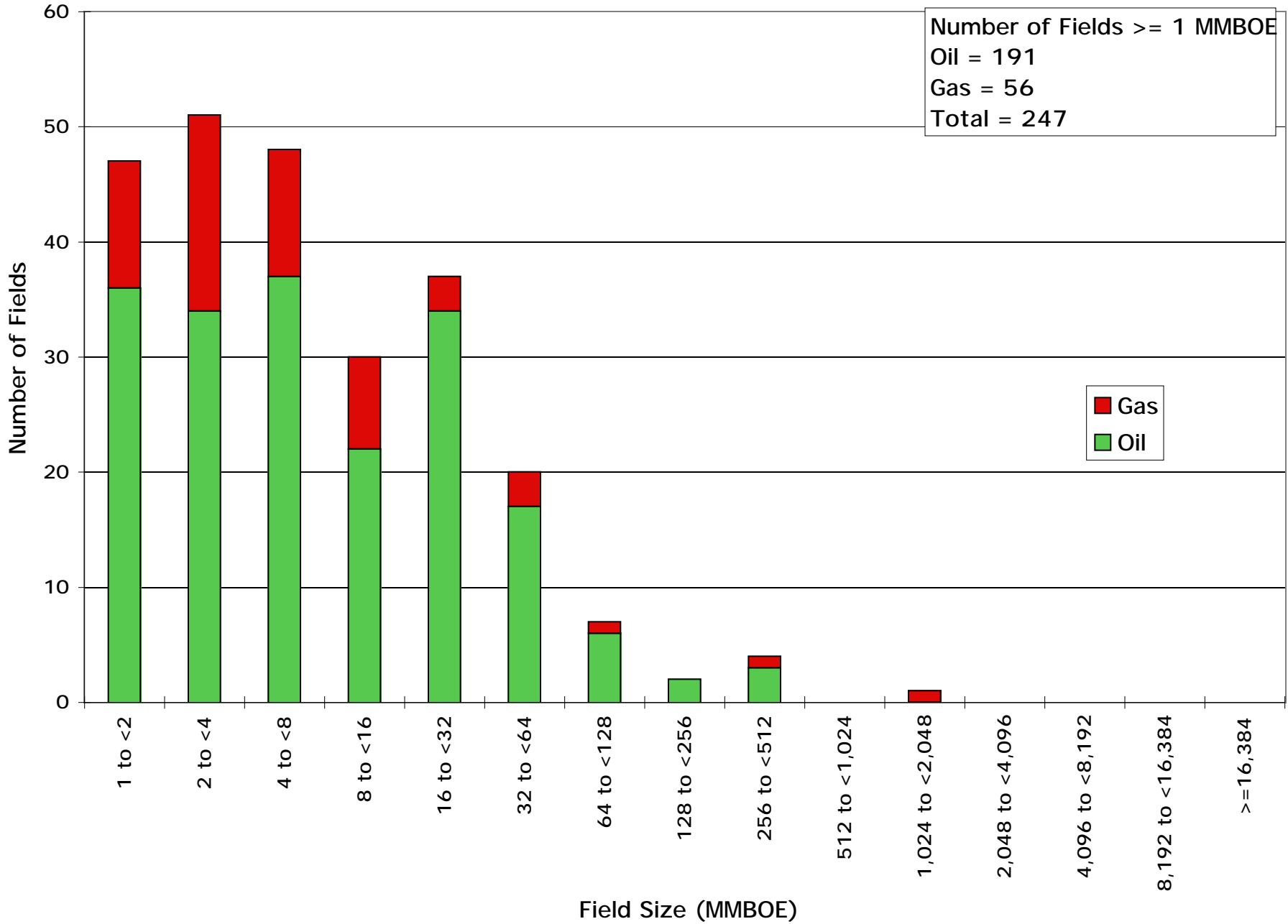
Labrador-Newfoundland Shelf
Province 5215



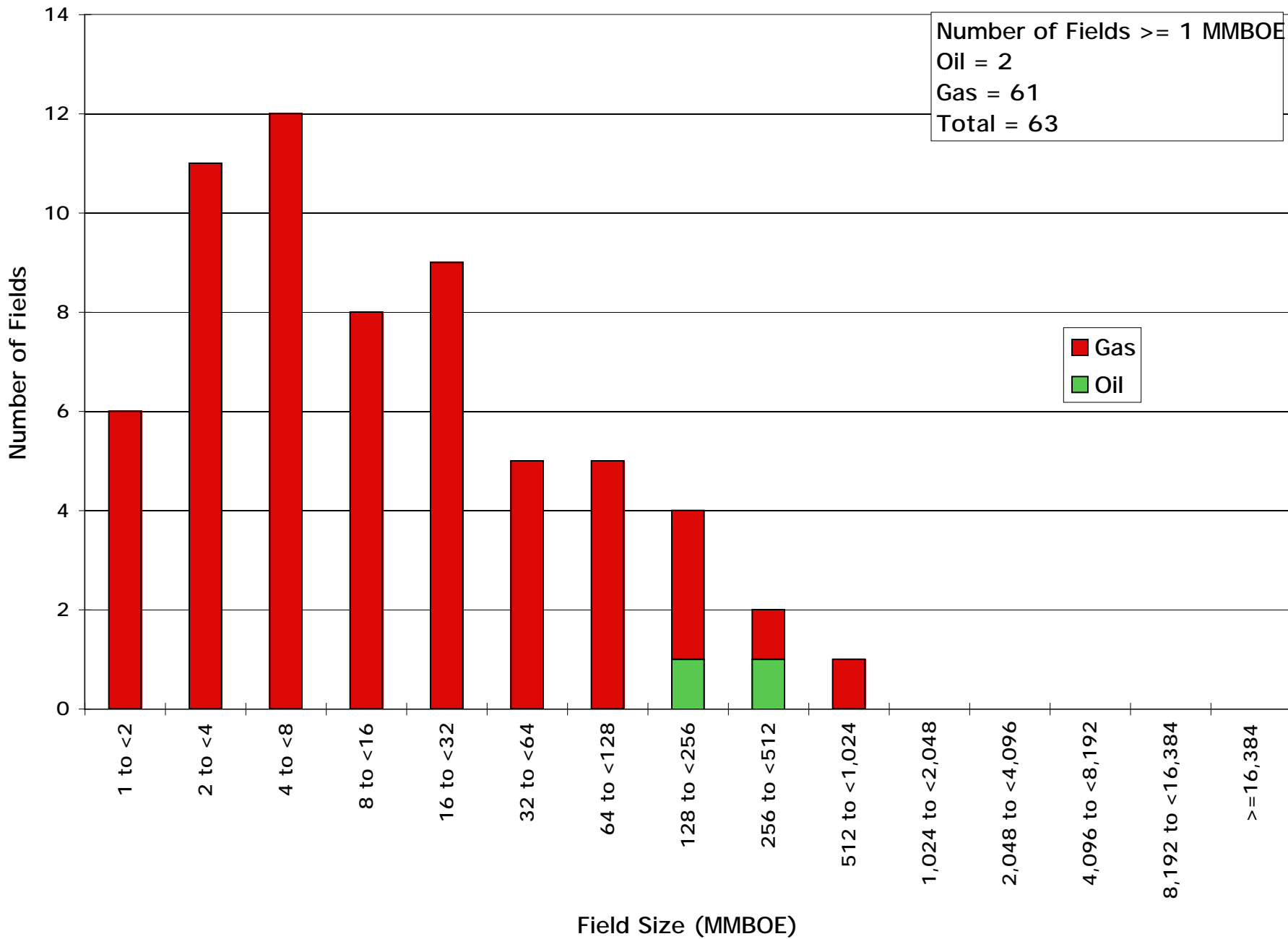
Alberta Basin
Province 5243



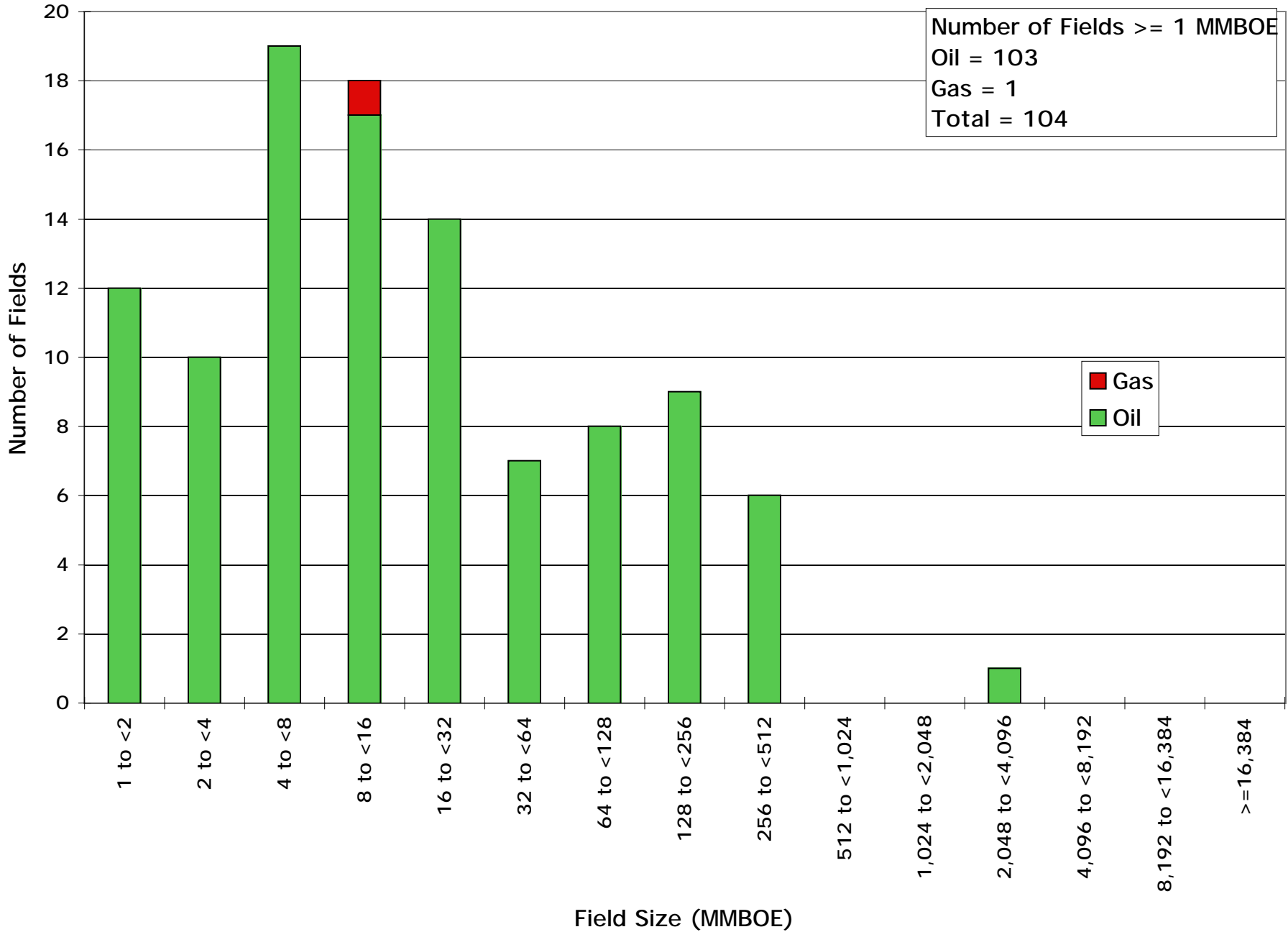
Williston Basin, Canada
Province 5244



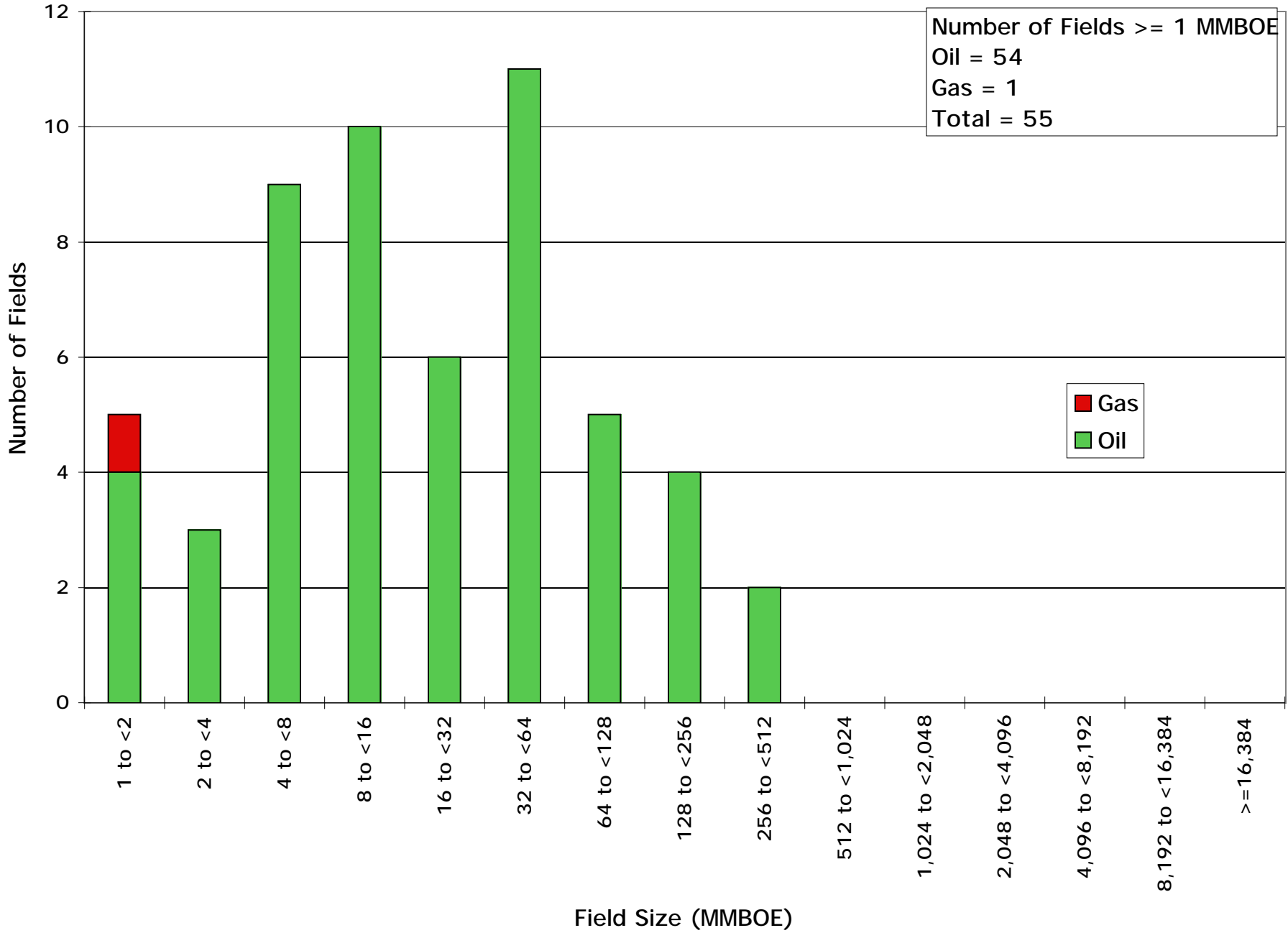
Rocky Mountain Deformed Belt Province 5245



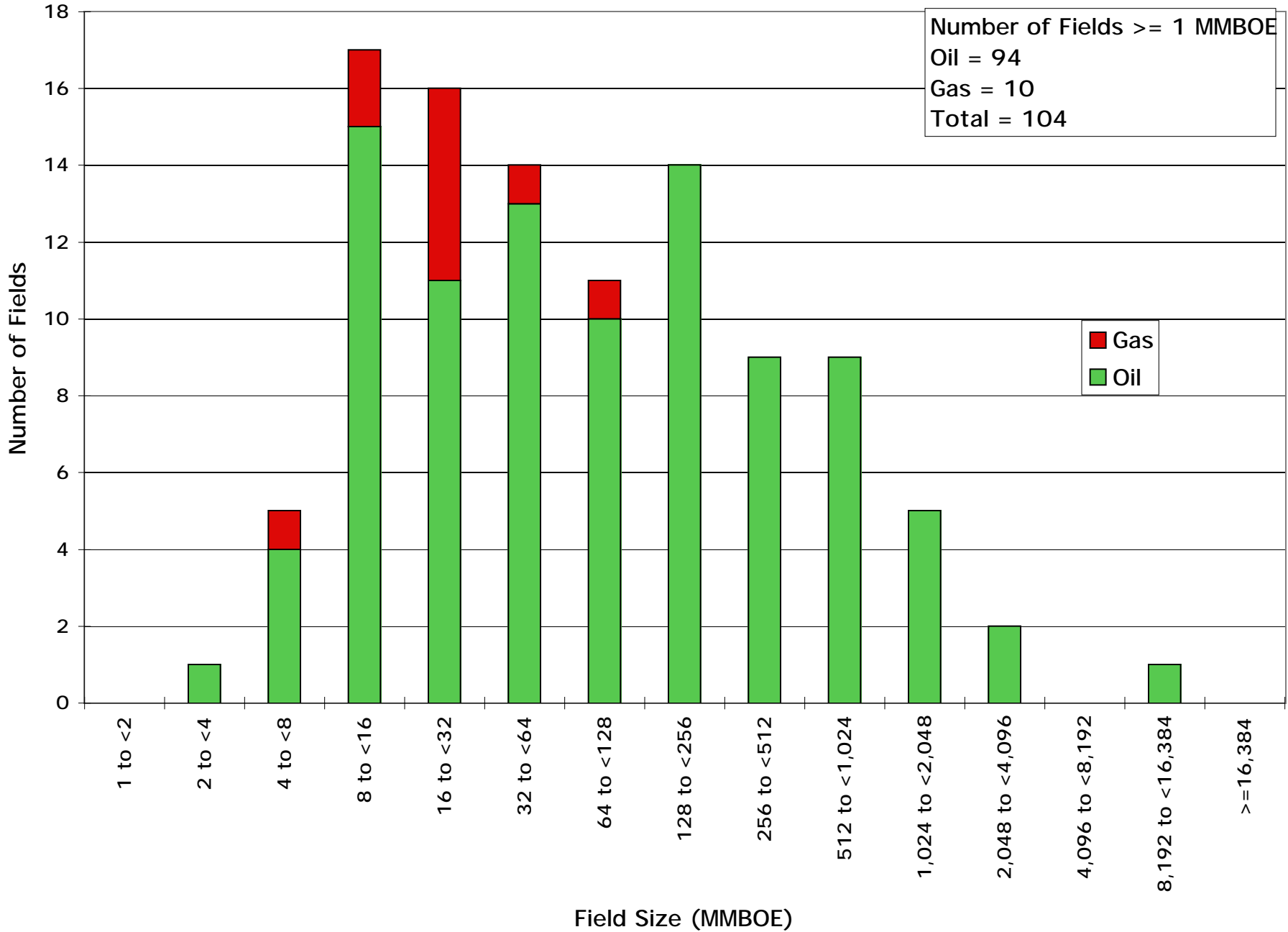
Tampico-Misantla Basin Province 5301



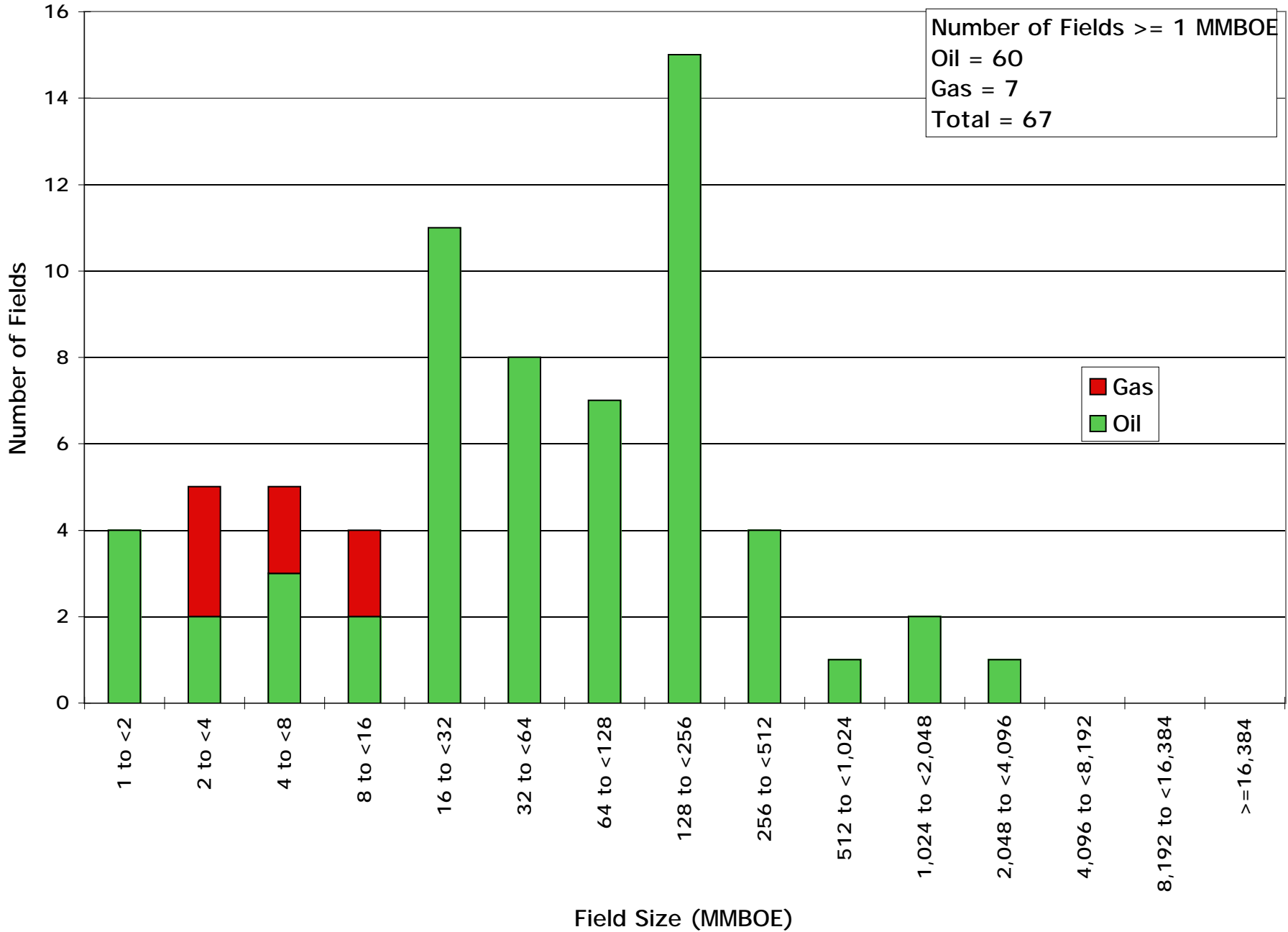
Saline-Comalcalco Basin
Province 5304



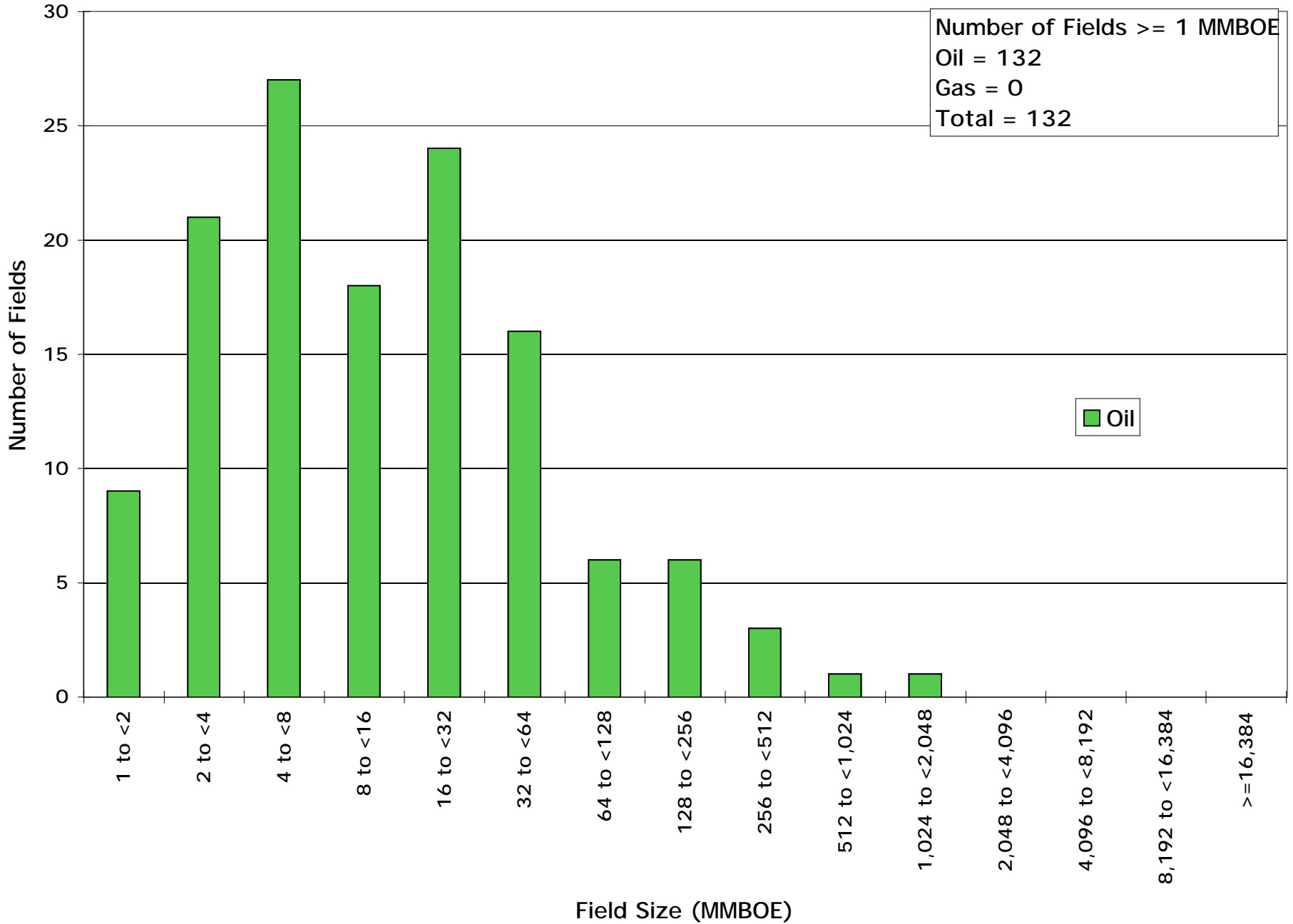
Villahermosa Uplift
Province 5305



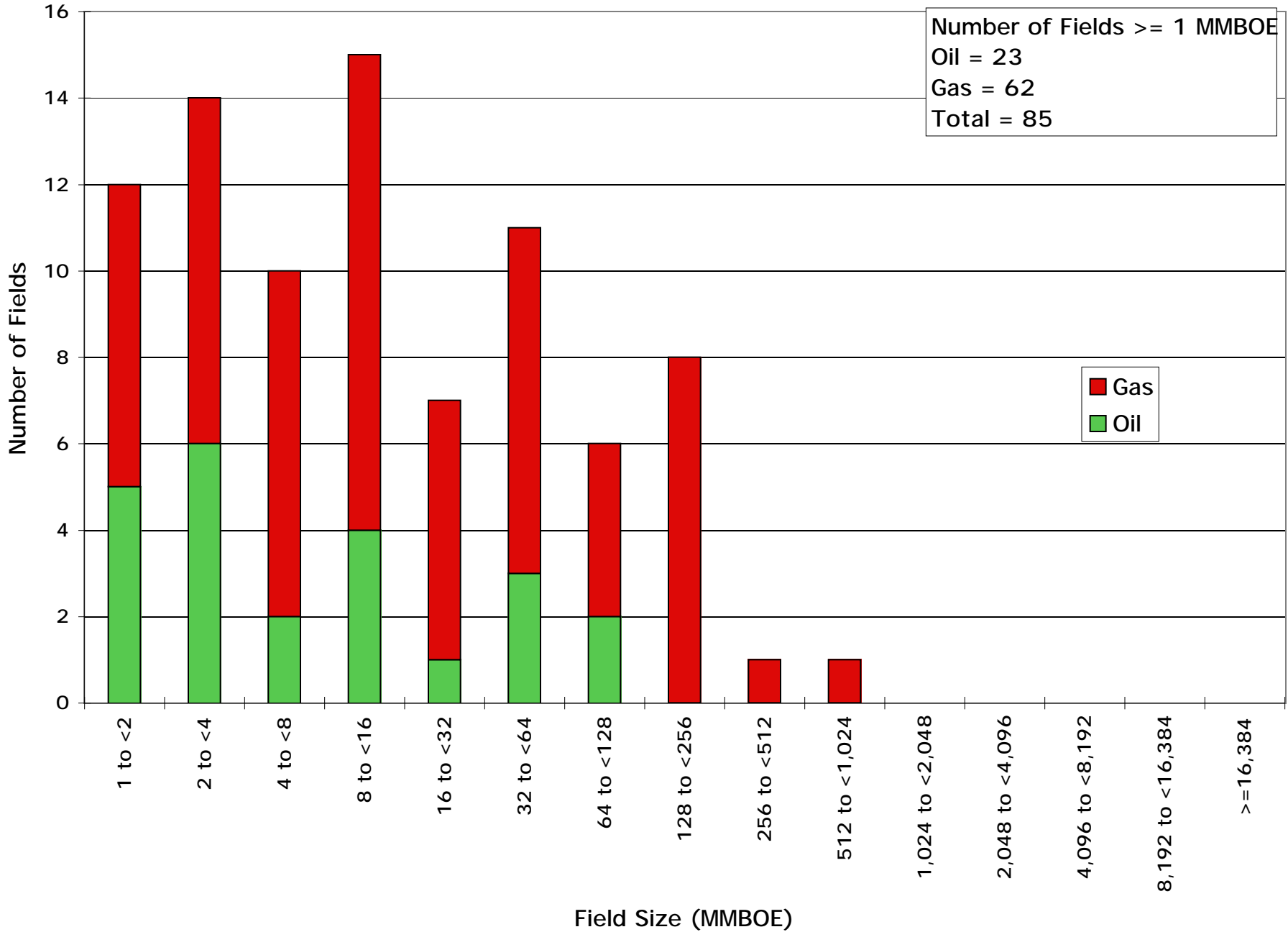
Campos Basin
Province 6035



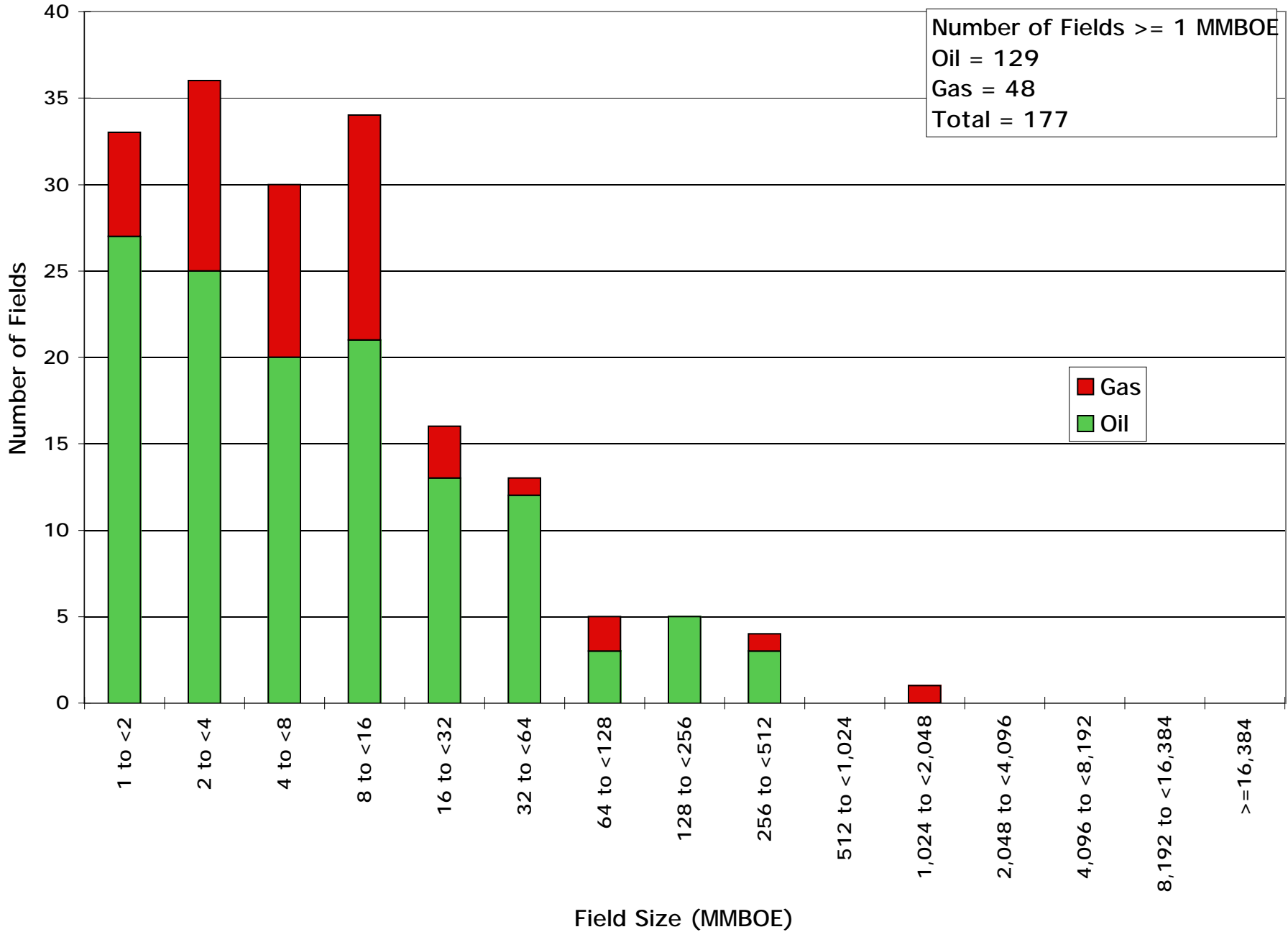
Putamayo-Orient-Maranon Basin
Province 6041



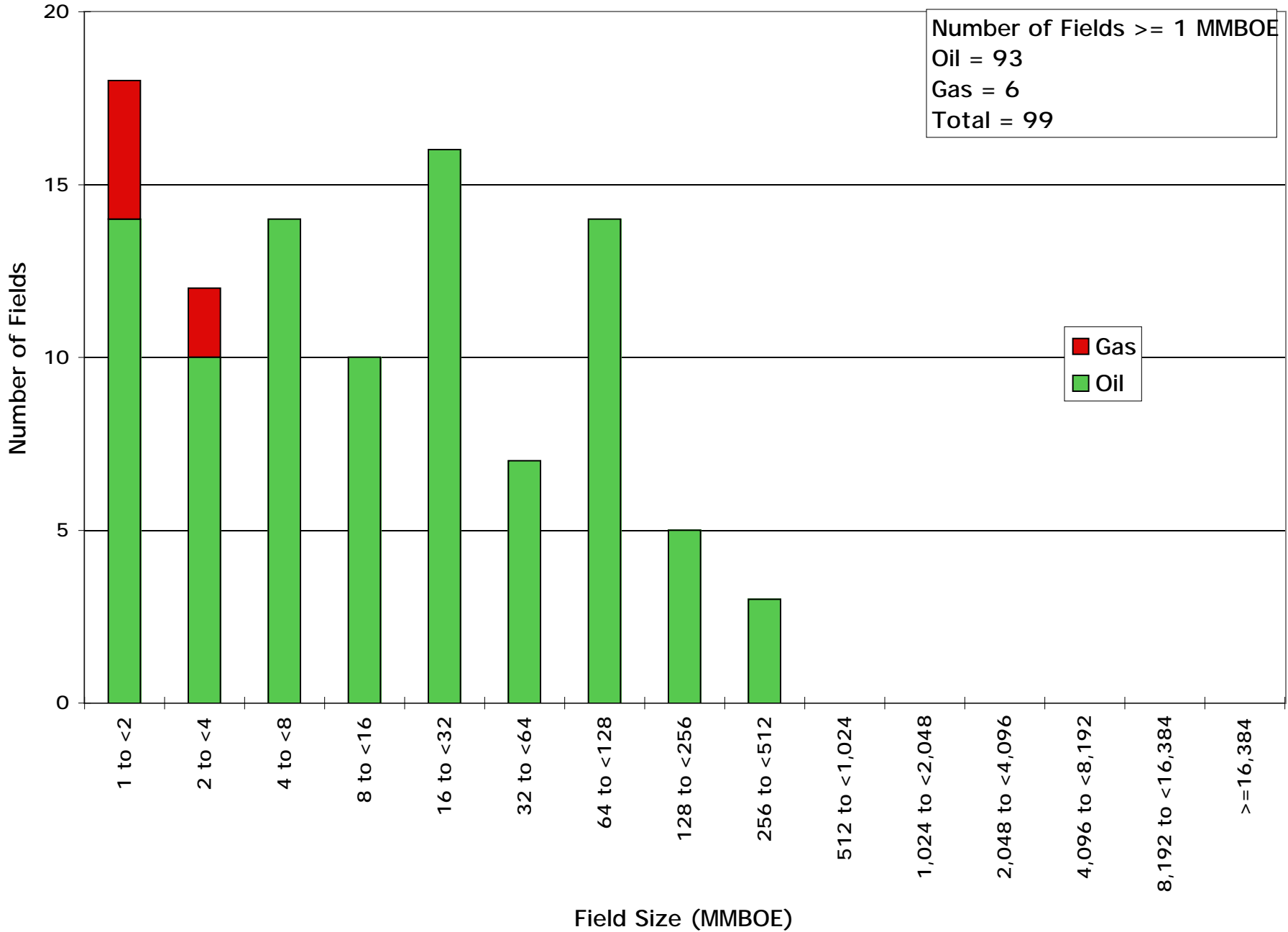
Santa Cruz-Tarija Basin
Province 6045



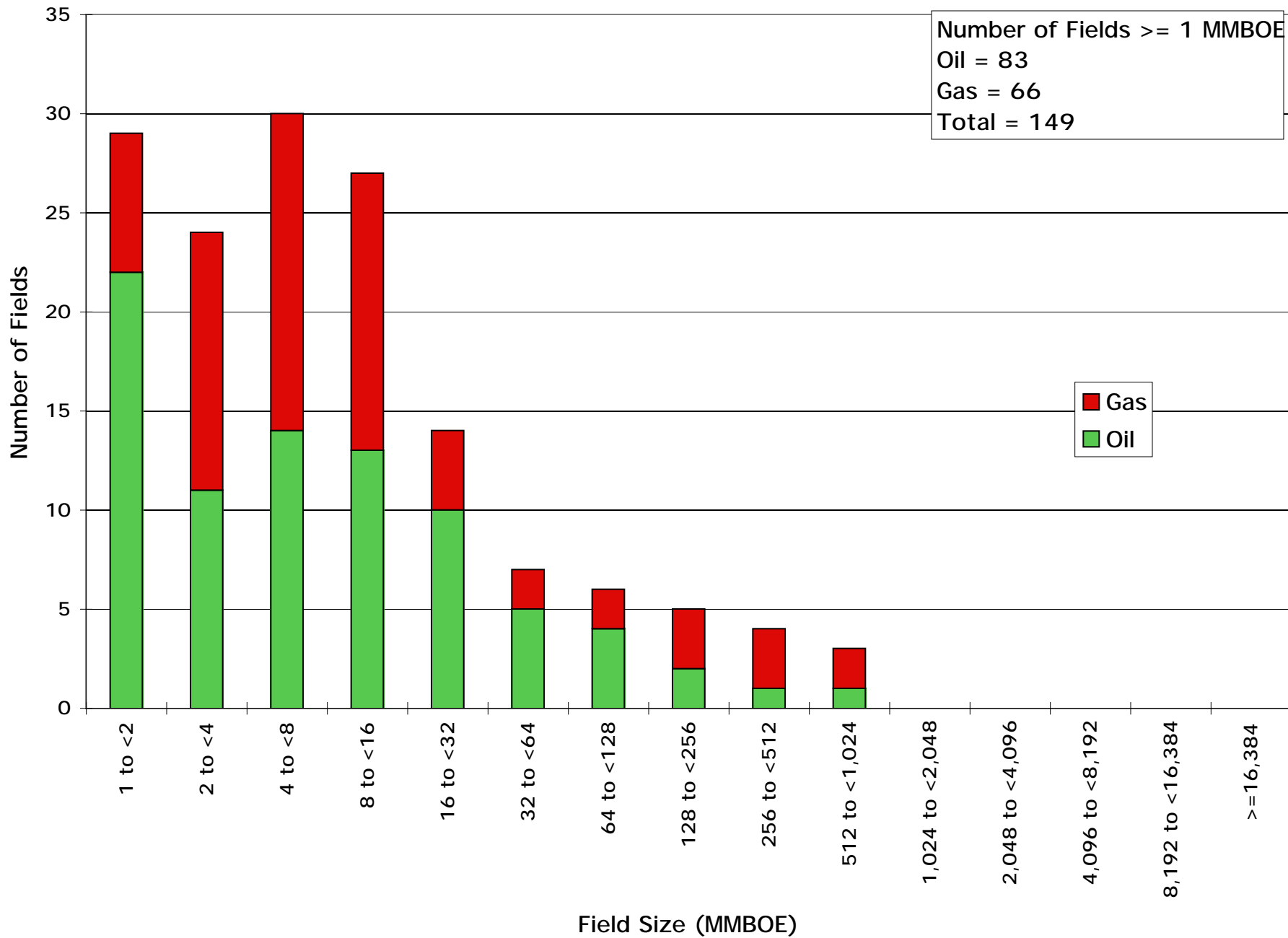
Neuquen Basin
Province 6055



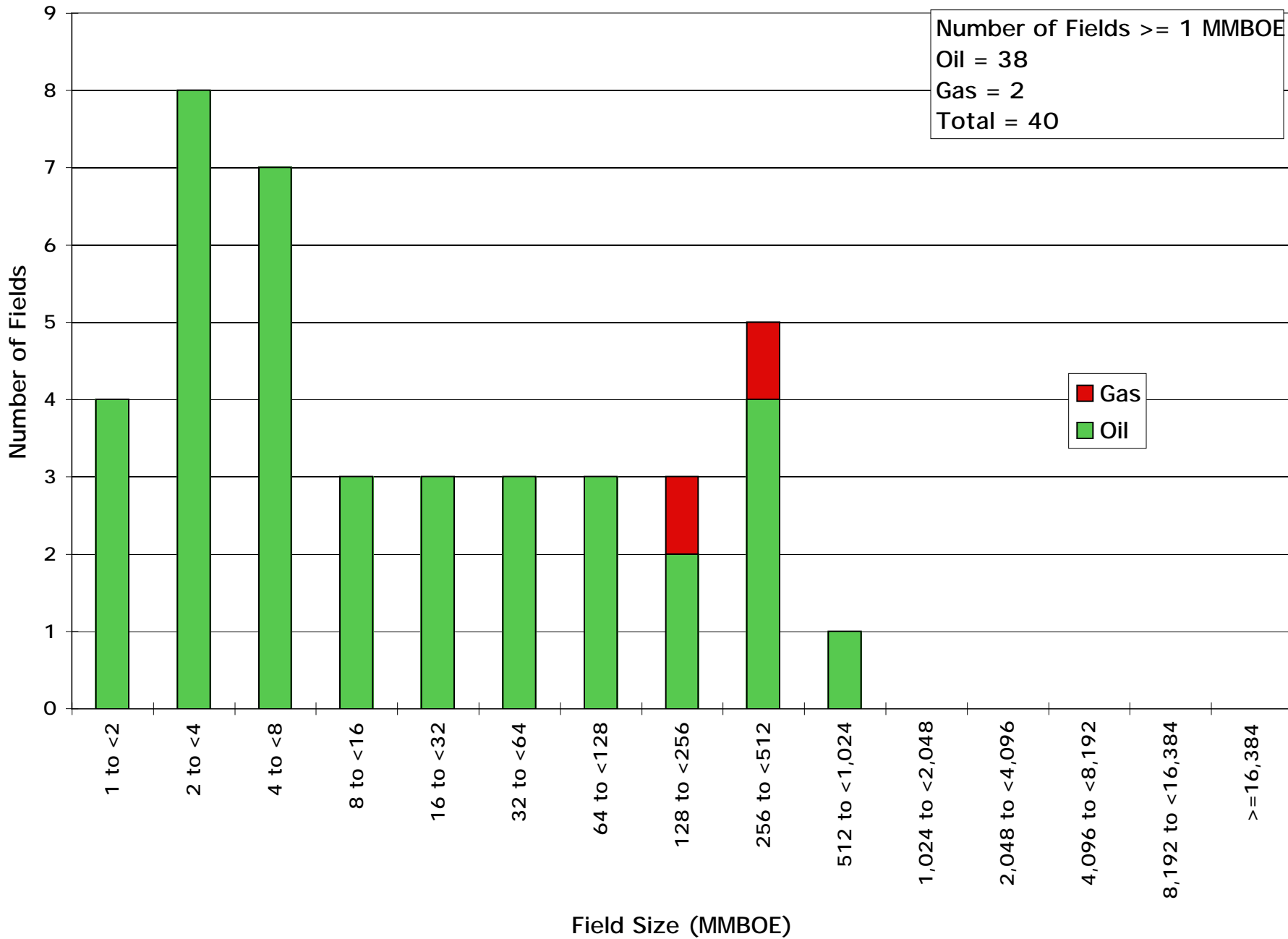
San Jorge Basin
Province 6058



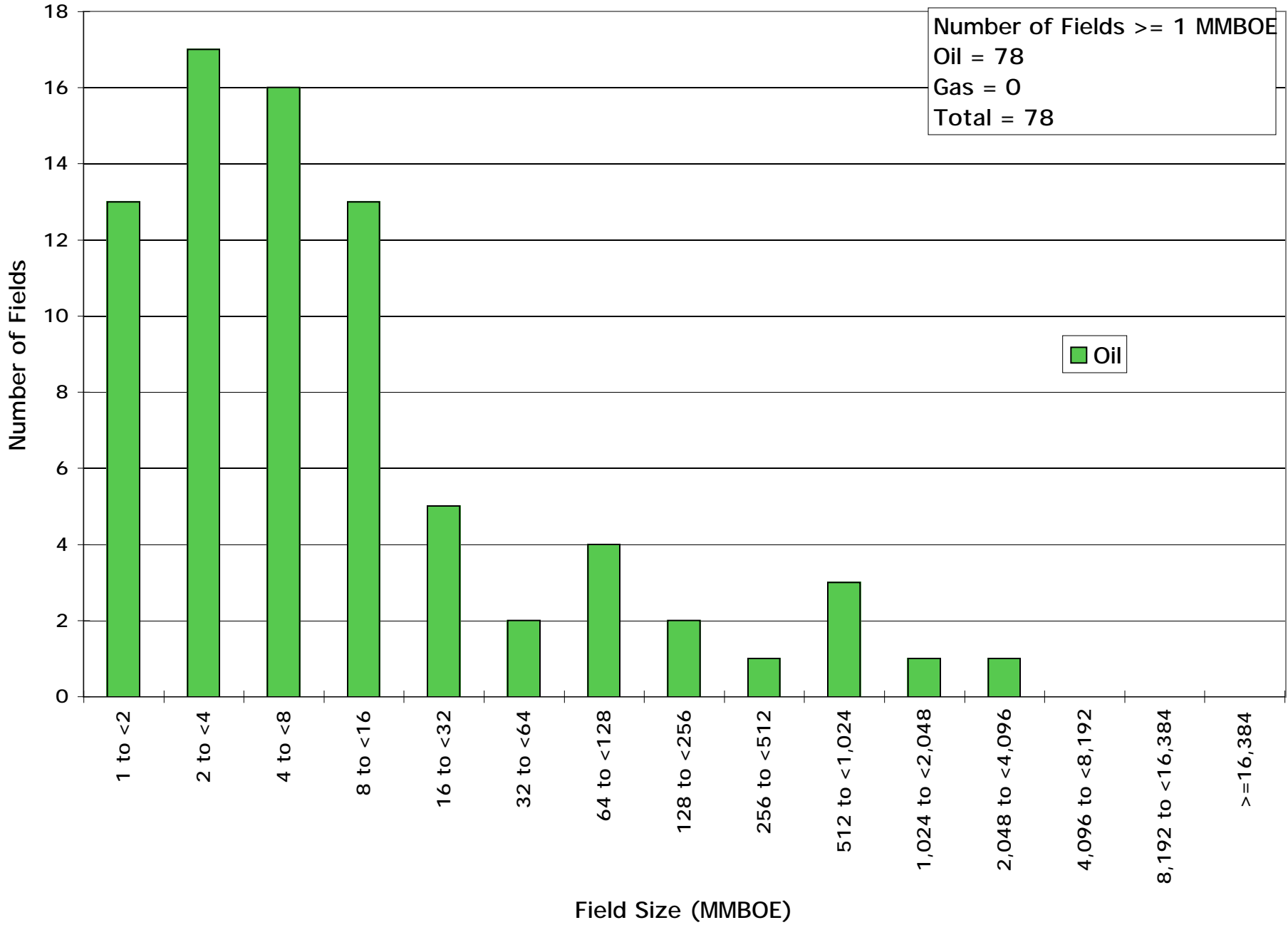
Magallenes Basin Province 6059



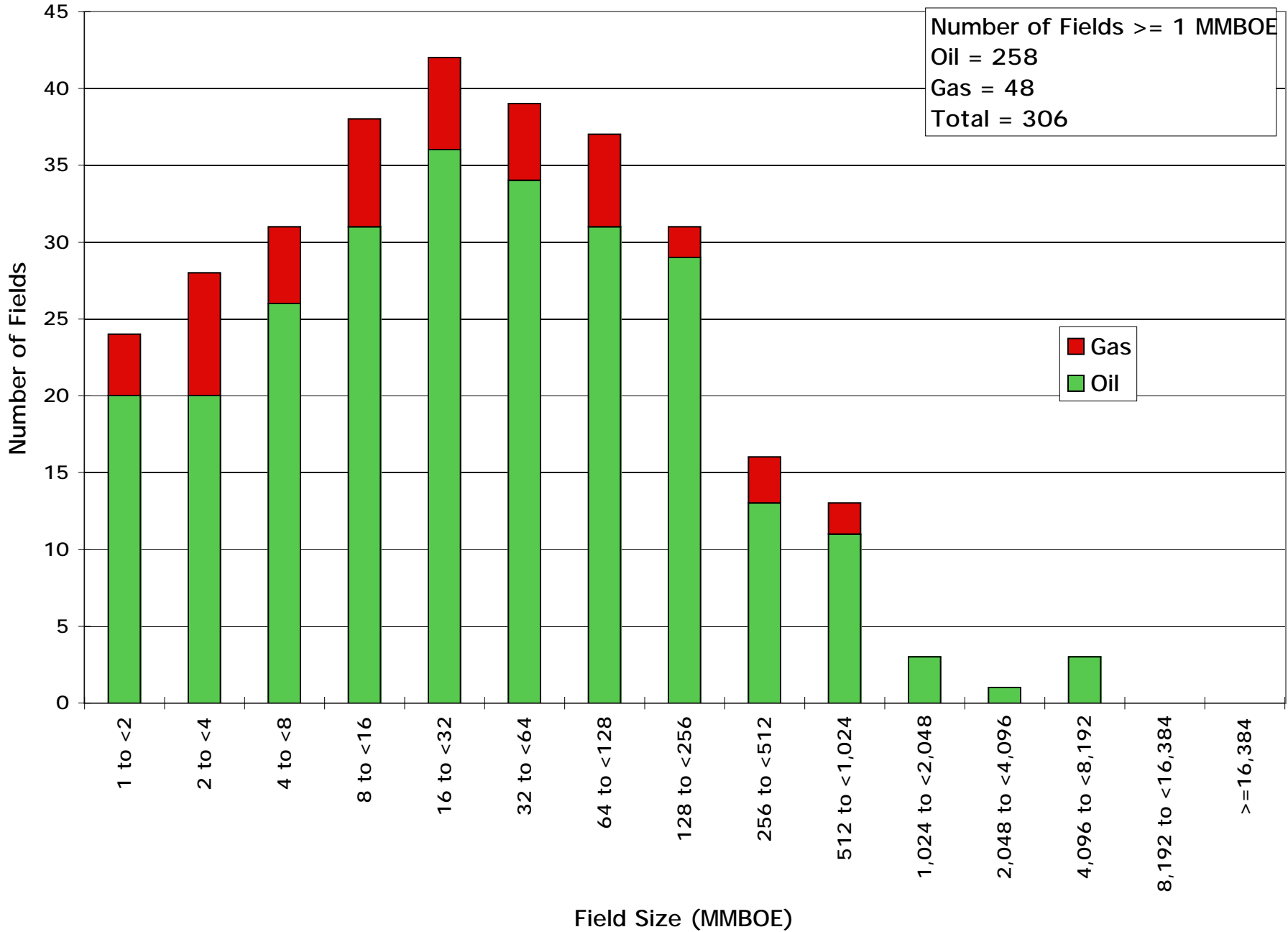
Middle Magdalena
Province 6090



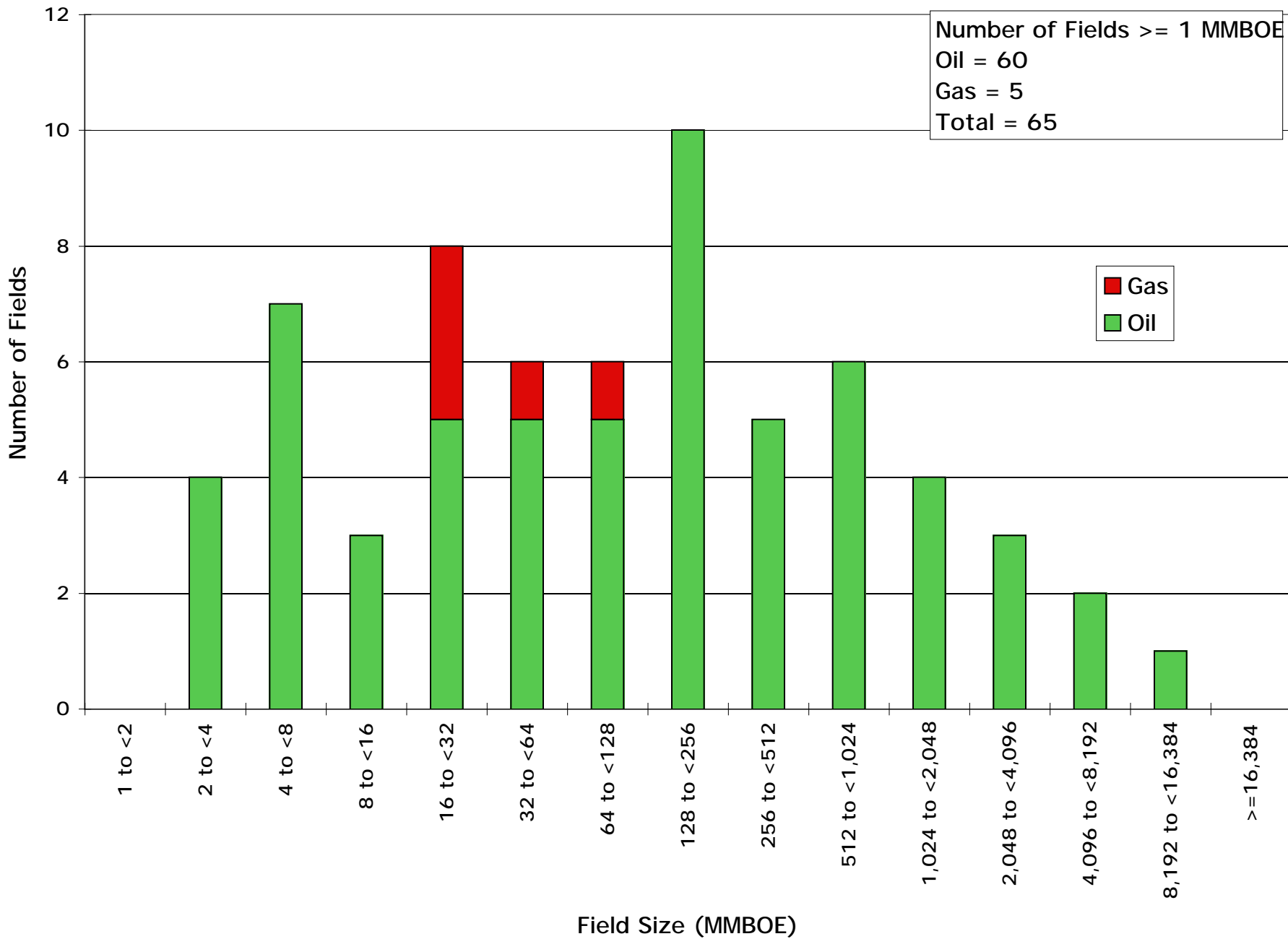
Llanos Basin
Province 6096



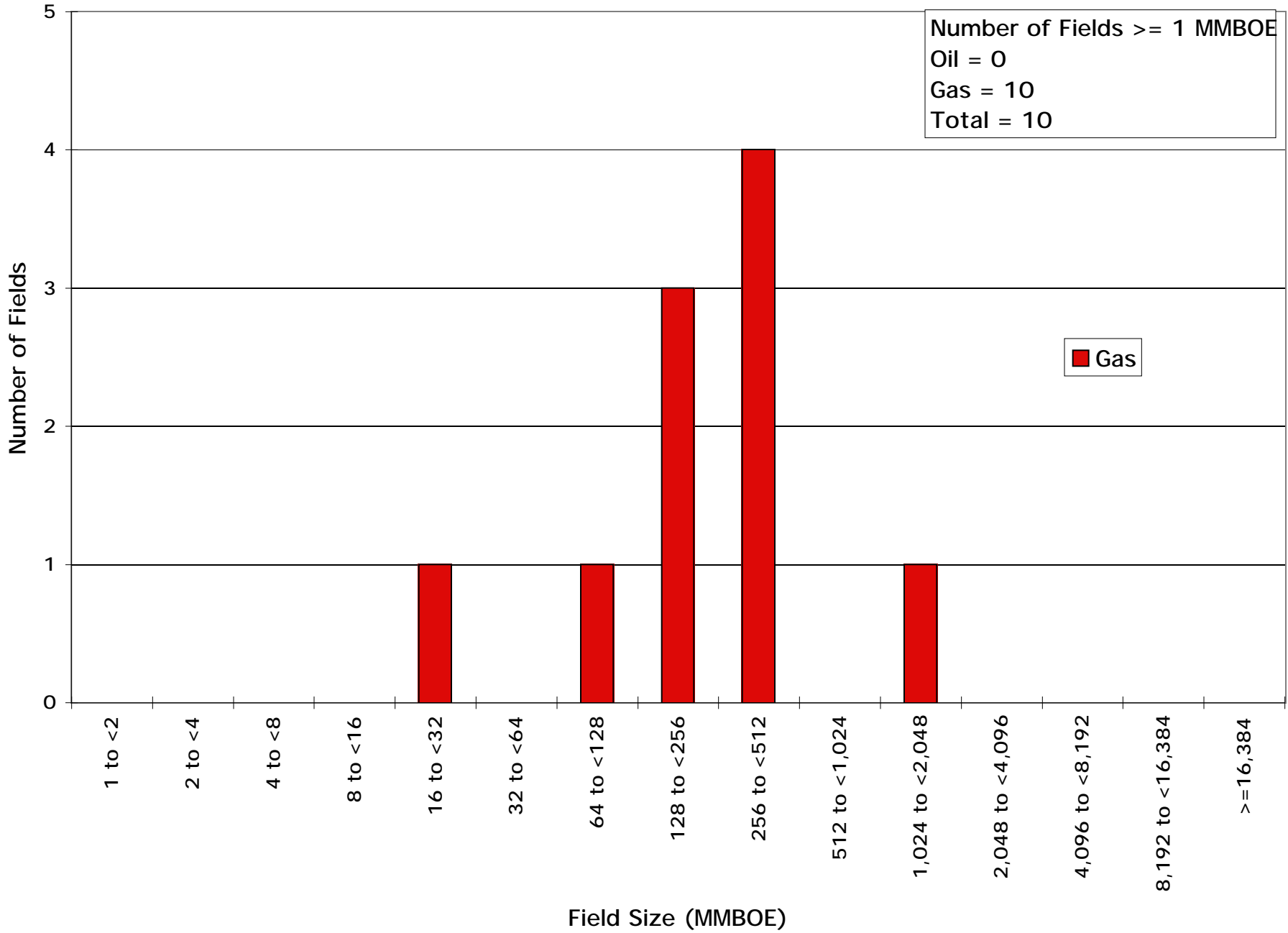
East Venezuela Basin
Province 6098



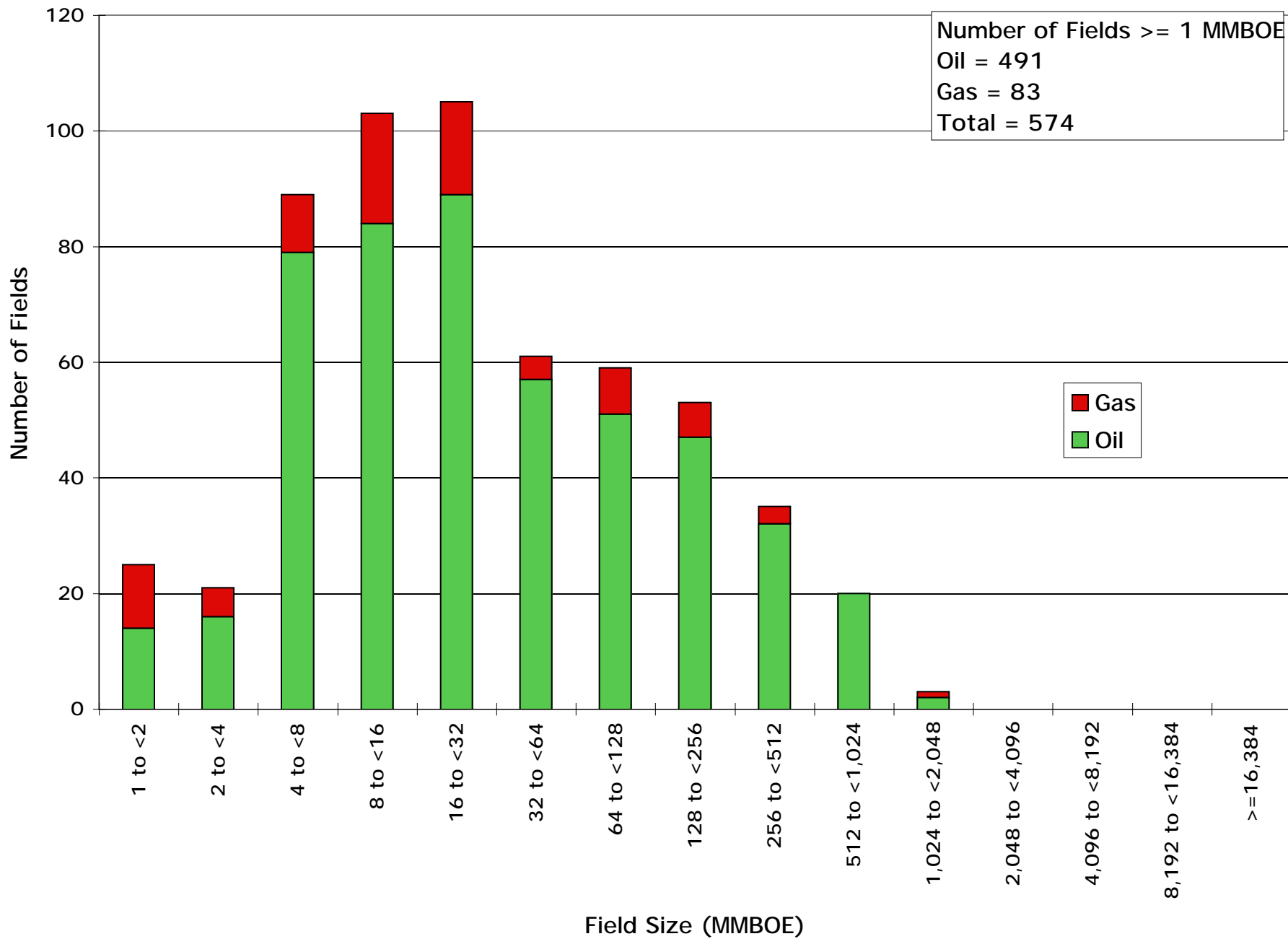
Maracaibo Basin
Province 6099



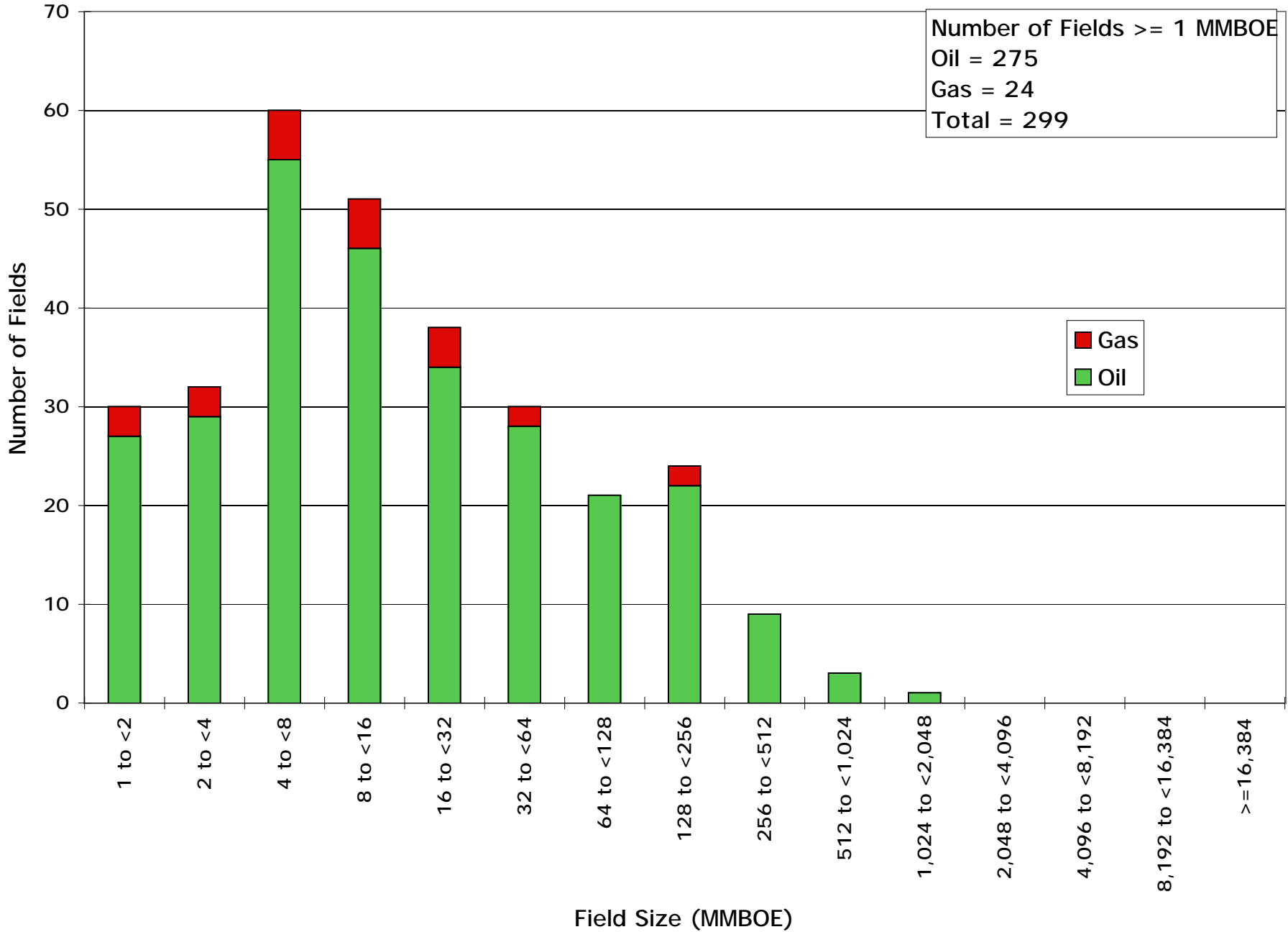
Tobago Trough
Province 6103



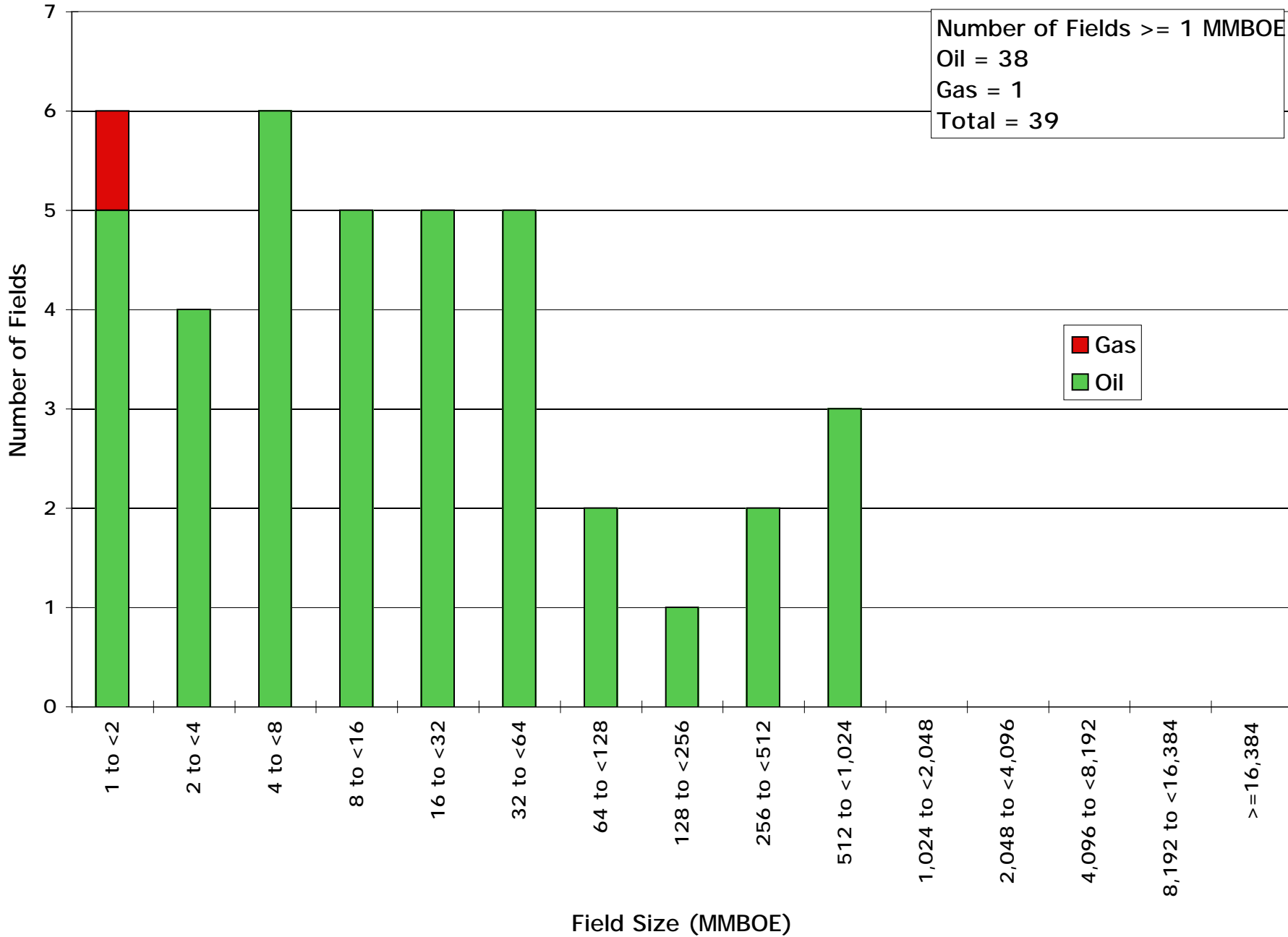
Niger Delta Province 7192



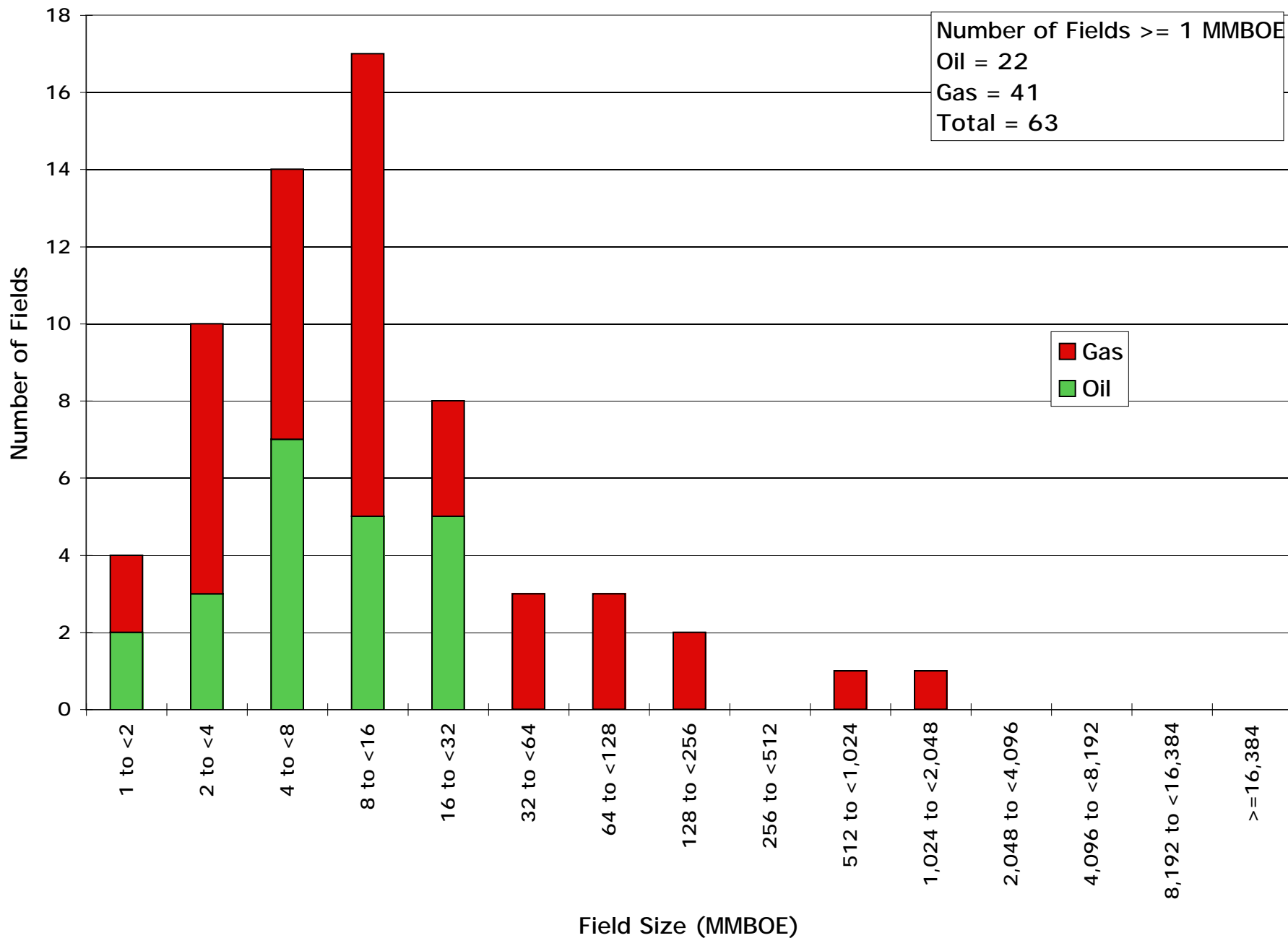
West-Central Coastal Province 7203



Assam
Province 8034



Indus
Province 8042



Bombay Province 8043

