

TABLEAU DE BORD NATIONAL MEDECINE NUCLEAIRE

PREAMBULE

- Autorités et tutelles nationales comme régionales et industriels ne disposent pas de synthèse moyen/activités fiables ou ne souhaitent pas les communiquer.
- Echec des précédentes tentatives de recueil et centralisation des informations, expliquant l'absence de retour.
- Refus de participer de bon nombre de collègues, manque d'enthousiasme ou négligences dans les réponses.
- Difficultés de recueil en rapport avec la complexité des montages d'exercice (GIE, GCS, activités mixtes public/privé et multisites).

IDF

**DIR: Elise Lestanc
Laure Sarda**

**43 centres
133 MN
86 TEMP
22 TEP
90,6 % de répondeurs**

NORD OUEST

DIR: Damien Huglo
**34 centres
81 MN
67 TEMP
20 TEP
85,2 % de répondeurs**

NORD EST

DIR: Alina Beriolo
**34 centres
89 MN
68 TEMP
15 TEP
81,8 % de répondeurs**

OUEST

DIR: Olivier Couturier
**32 centres
89 MN
67 TEMP
20 TEP
93,7 % de répondeurs**

CENTRE EST

DIR: Florent Cachin
**20 centres
66 MN
49 TEMP
12 TEP
95 % de répondeurs**

SUD OUEST

**DIR: Jacques Monteil
Pierre Pascal**
**26 centres
77 MN
59 TEMP
12 TEP
76,9 % de répondeurs**

SUD

**DIR: Denis Mariano-
Goulart**
**26 centres
88 MN
63 TEMP
15 TEP
100 % de répondeurs**

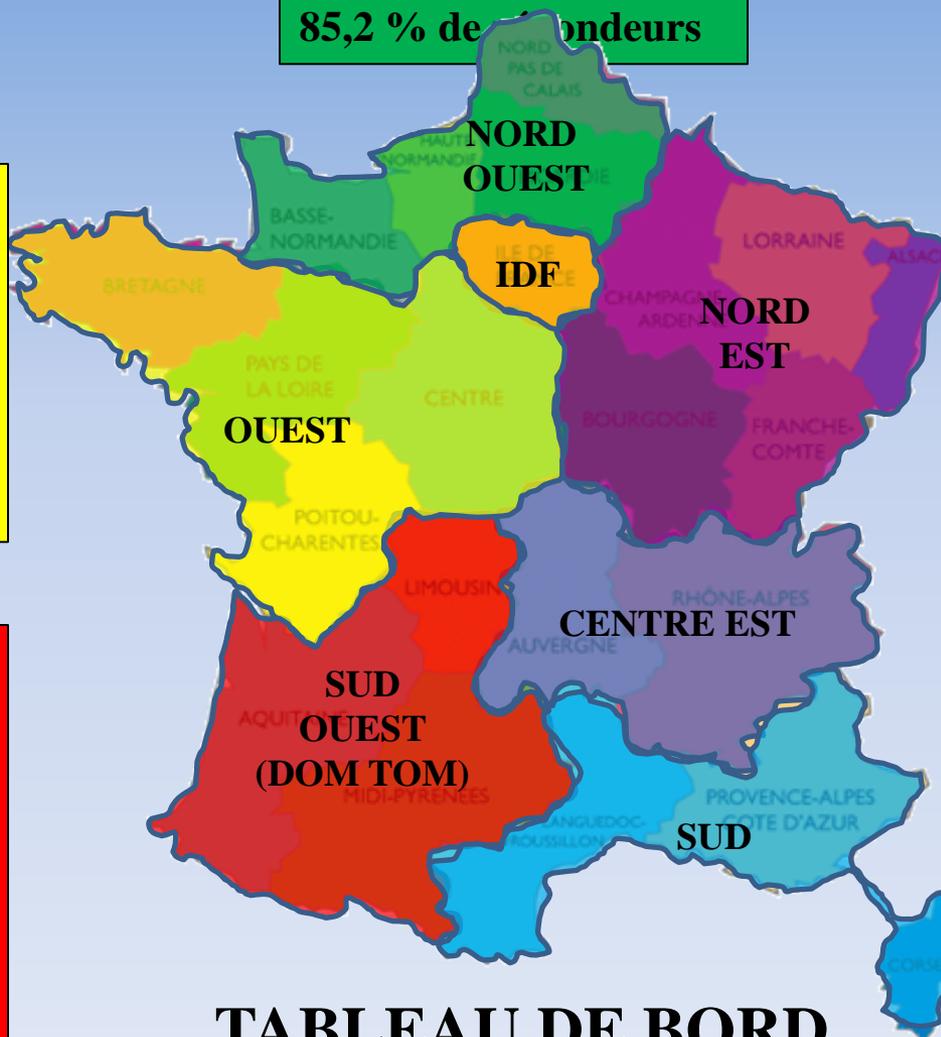


TABLEAU DE BORD

IDF

- Aubervilliers
- Eaubonne
- Quincy sous Sénart
- St Germain en Laye

NORD OUEST

- Dunkerque
- Creil
- Evreux
- Rouen (Libéral)

NORD EST

- Colmar
- Mulhouse
- Epinal
- Freyming
- Maxeville
- Reims (Libéral)

OUEST

- Saint-Grégoire
- Saint-Malo

CENTRE EST

- Grenoble (Libéral)



SUD OUEST

- Périgueux
- Fort de France
- Niort
- Brive
- Rodez
- Toulouse (Ranguel)

SUD

NON REPONDEURS

MOYENS
217 Services

HUMAINS
623 PRATICIENS

616 (ONM)
Hommes 62,8%
Femmes 37,2%
Salariés 50%
Libéral 30%
Mixte 20%

MATERIELS
575 CAMERAS

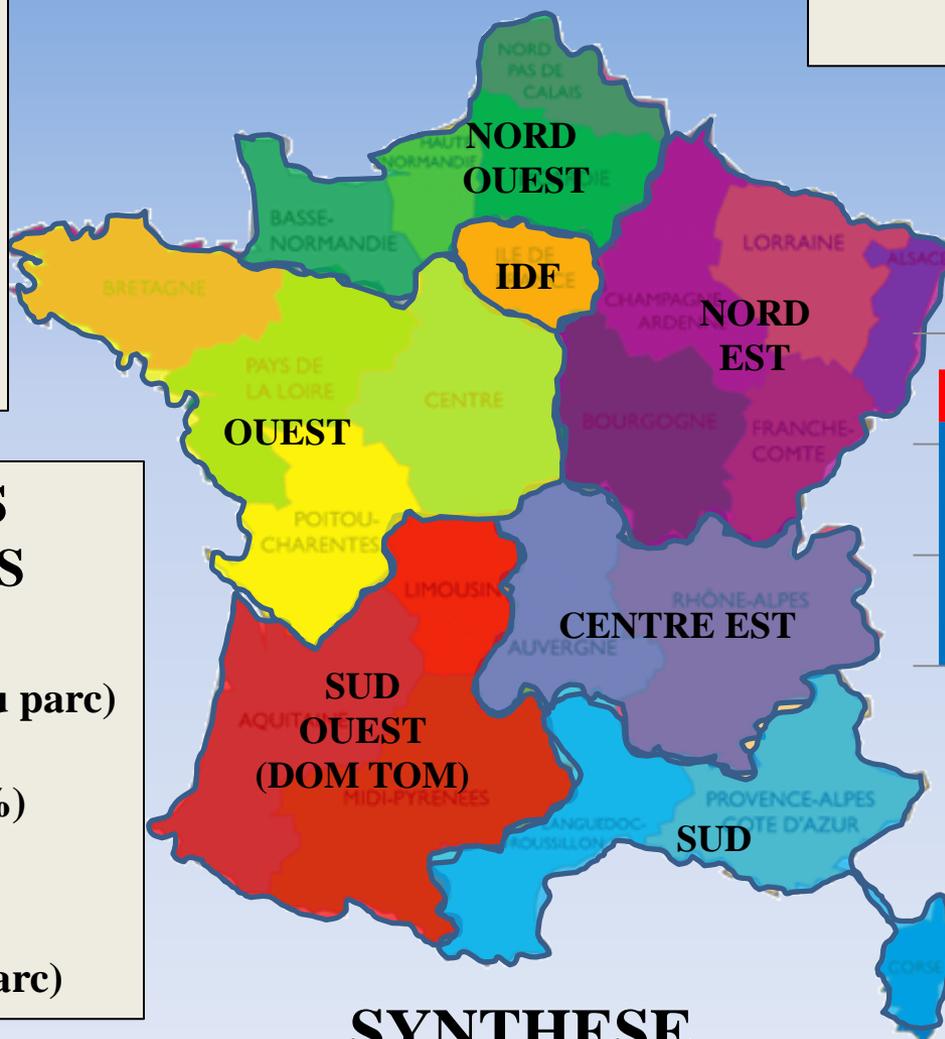
- **459 TEMP** (80% du parc)

236 TEMP (51,2%)
200 TEMP/TDM (43,7%)
23 CZT (5%)

- **116 TEP** (20% du parc)

ACTIVITE 2013

TOTAL: 1 272 274
TEMP: 962 640 (75%)
TEP: 309 634 (25%)

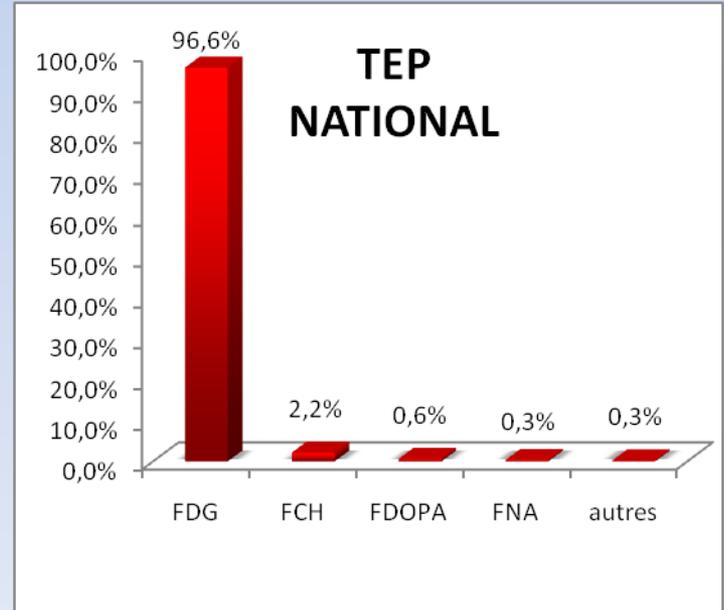
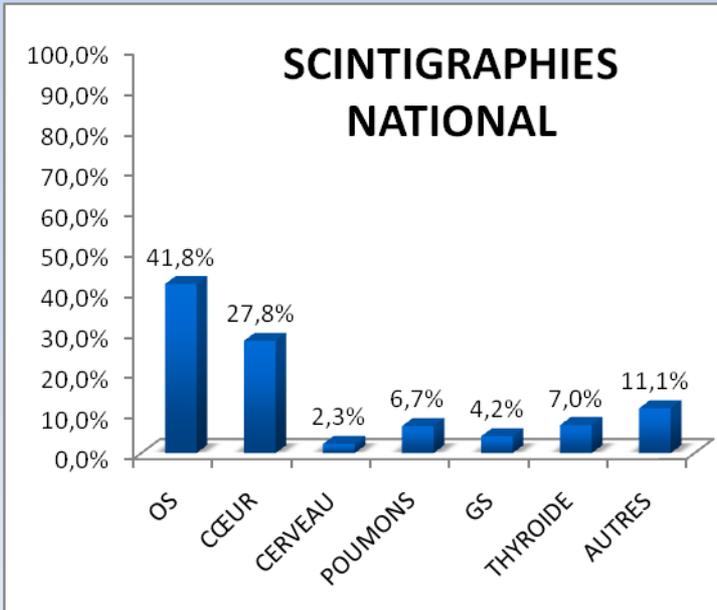
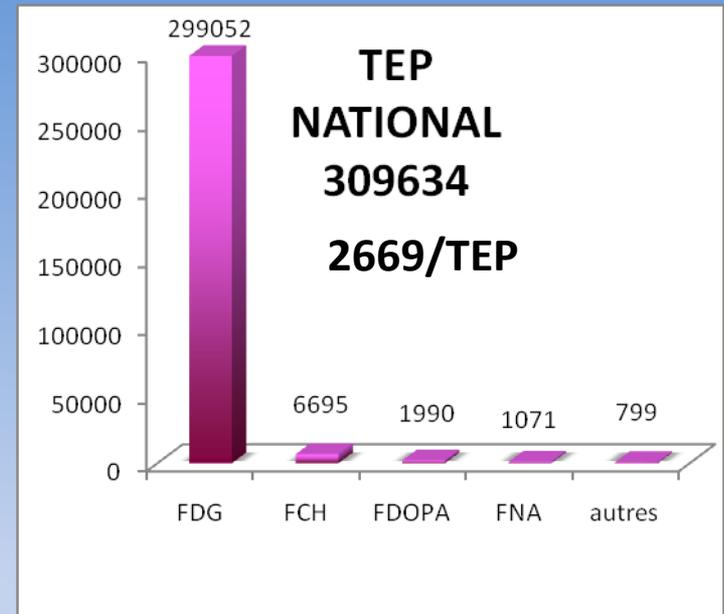
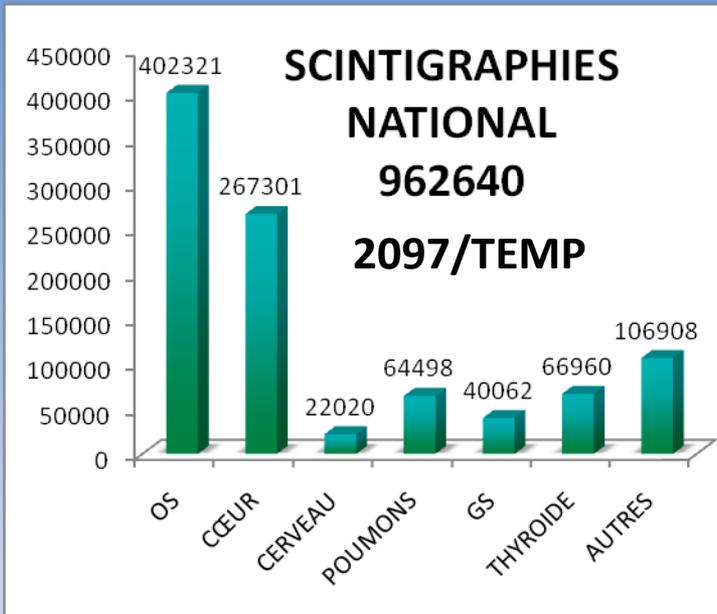


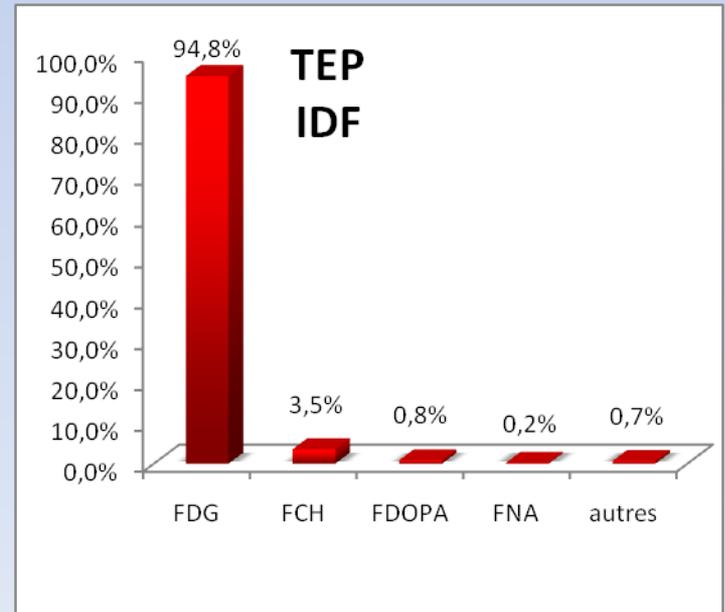
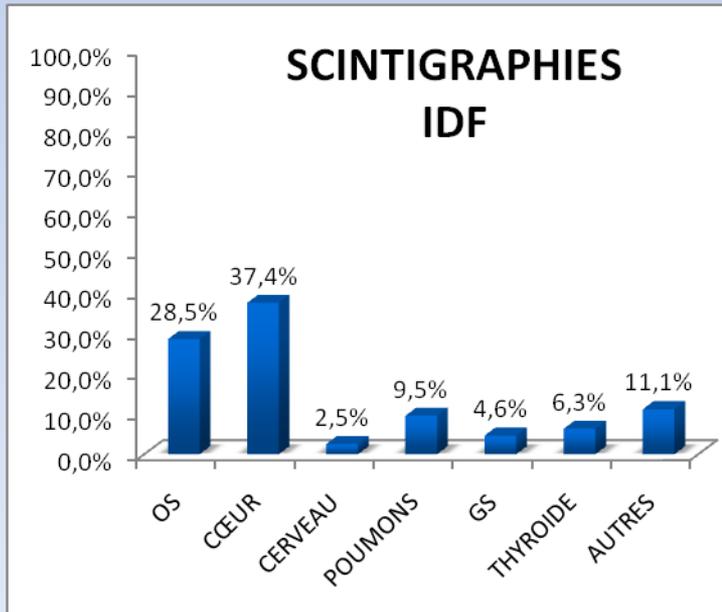
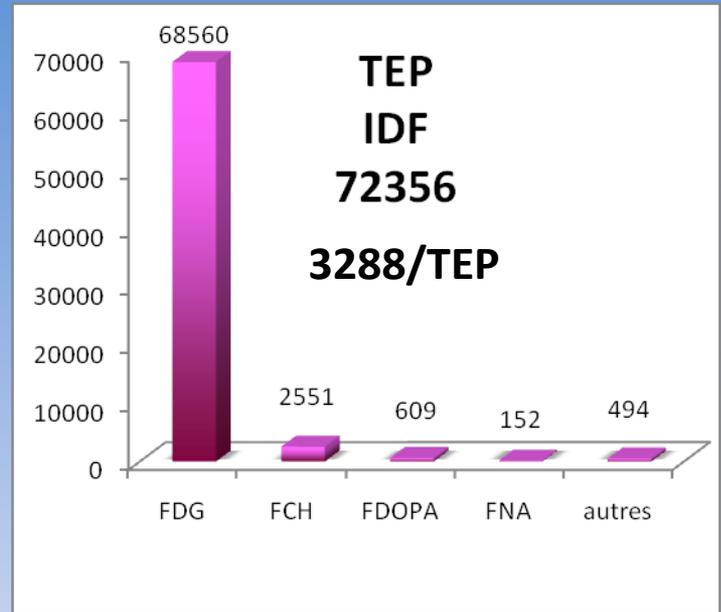
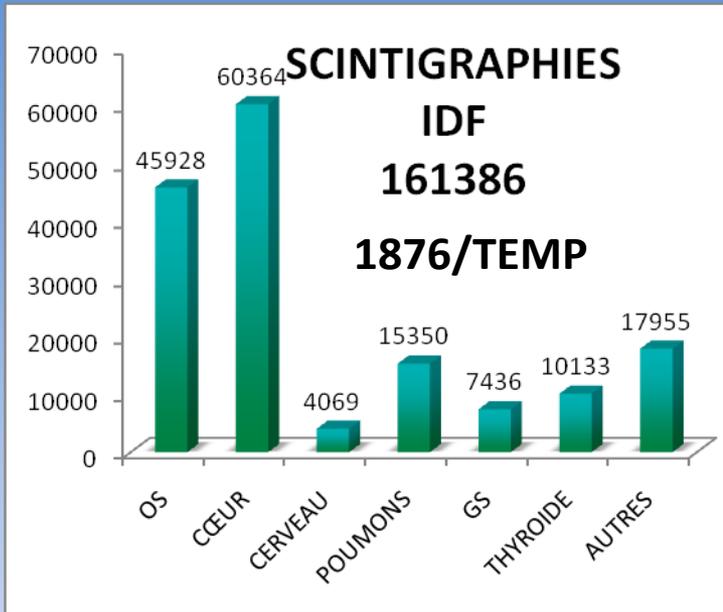
Tendance évolutive

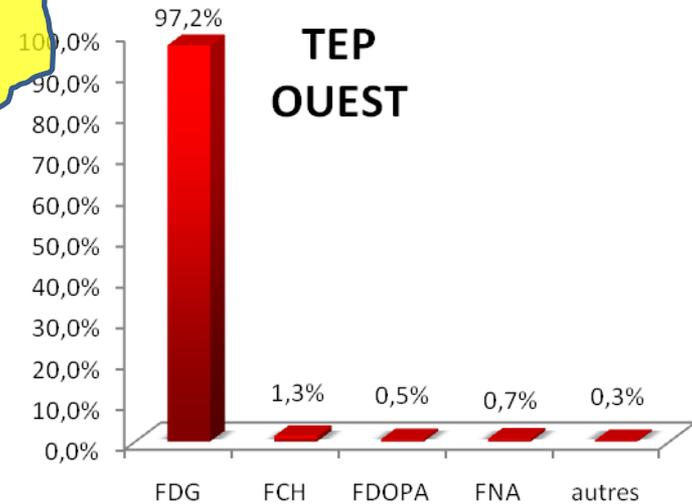
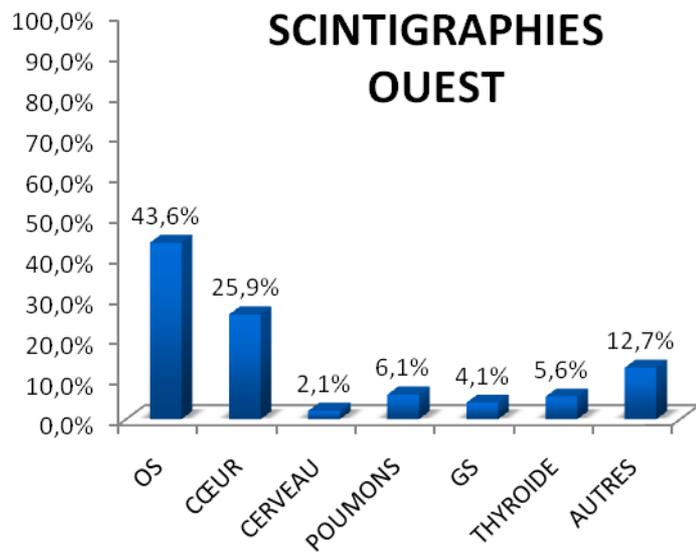
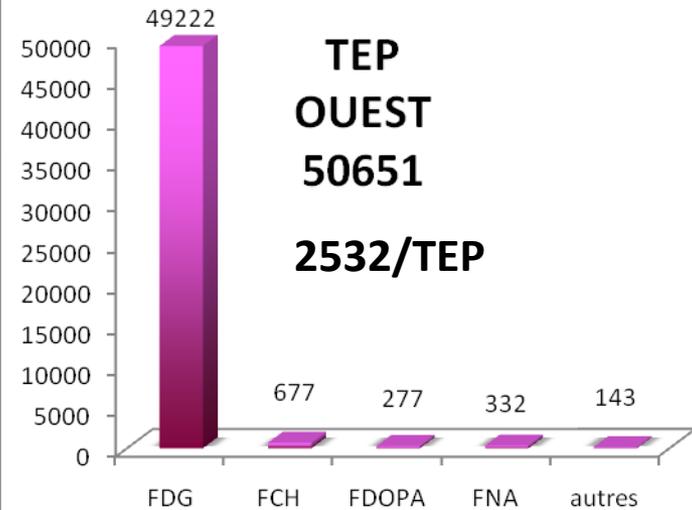
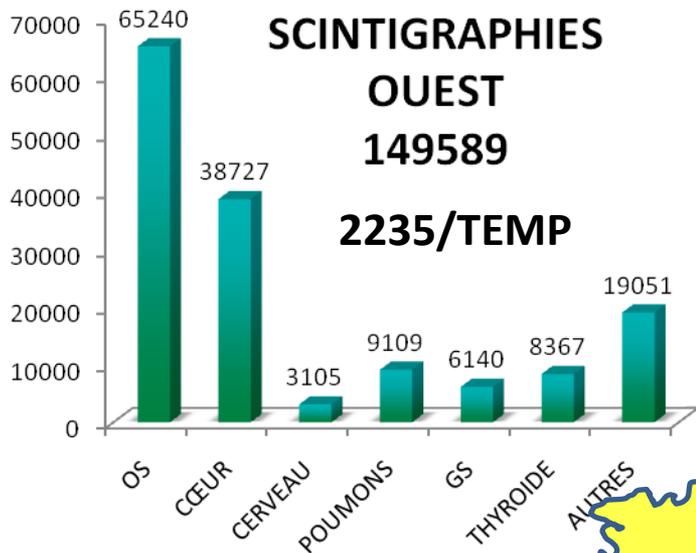


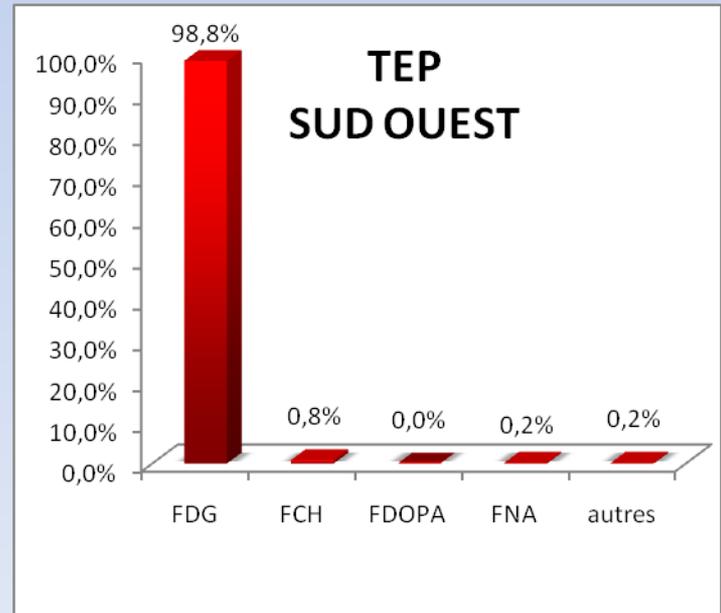
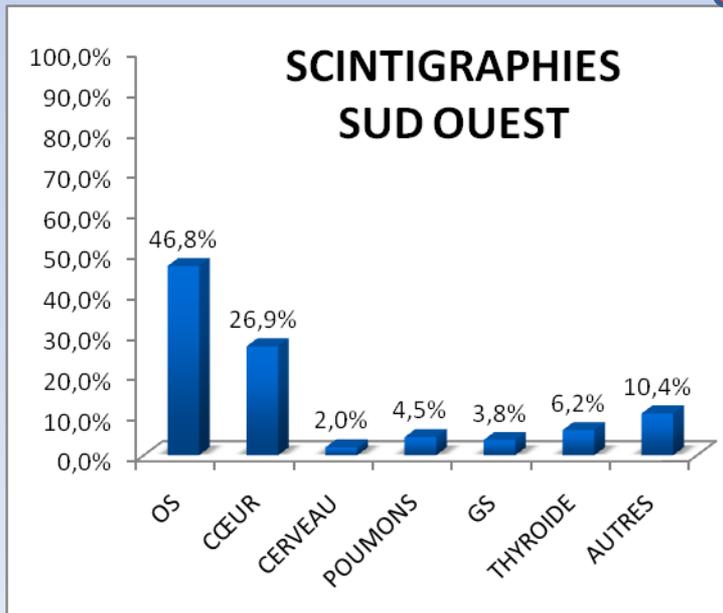
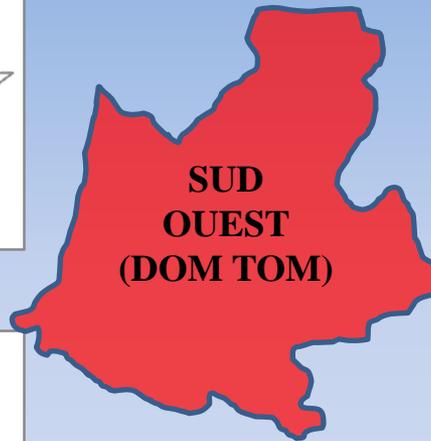
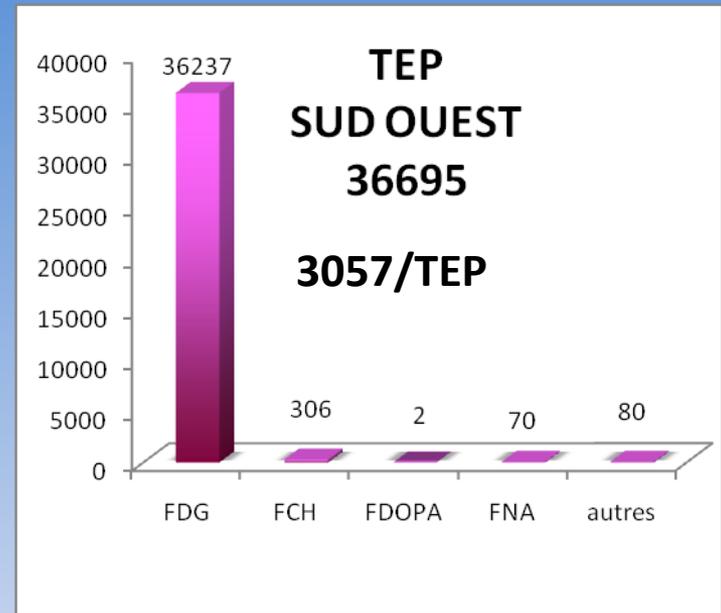
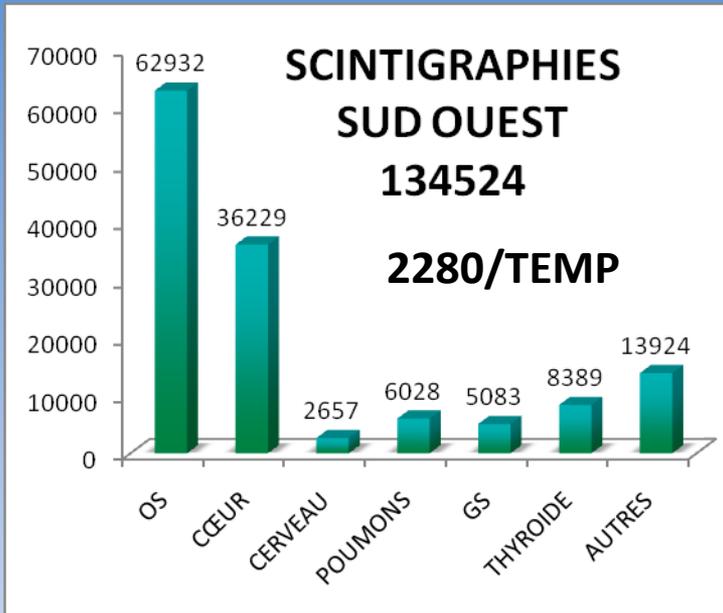
SYNTHESE

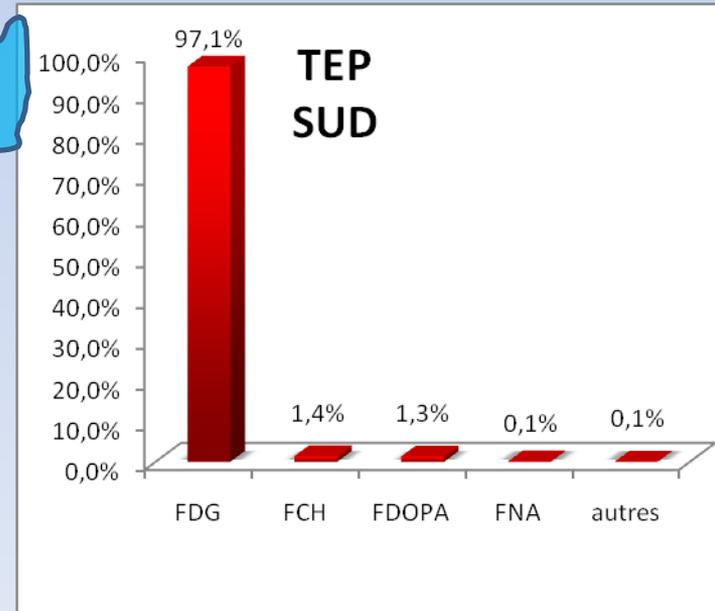
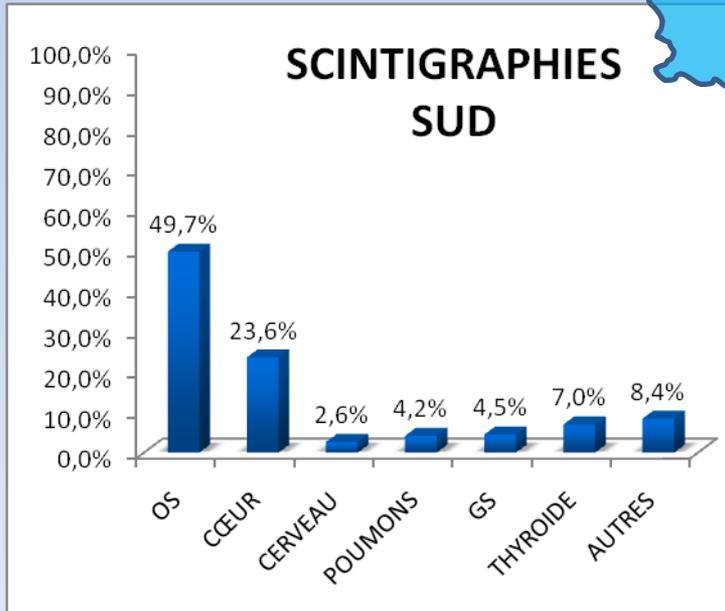
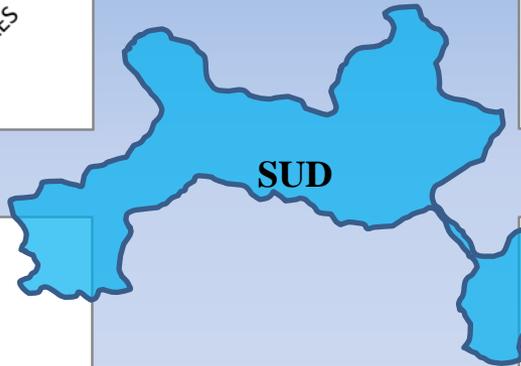
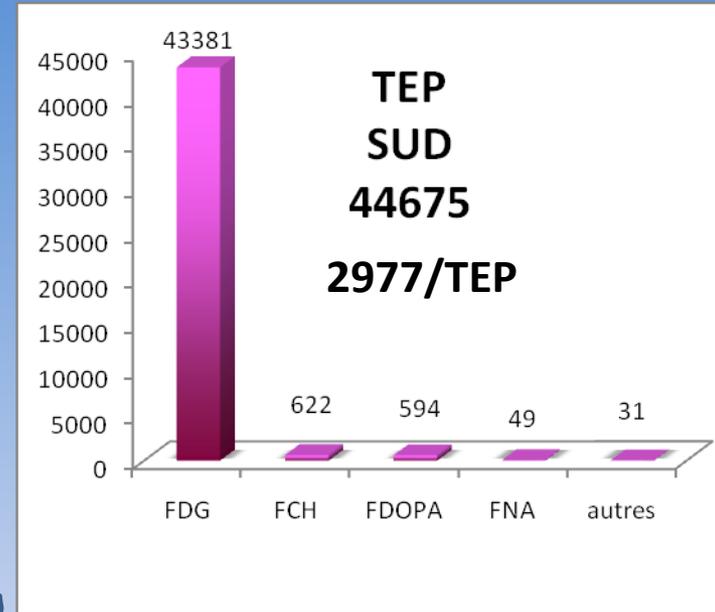
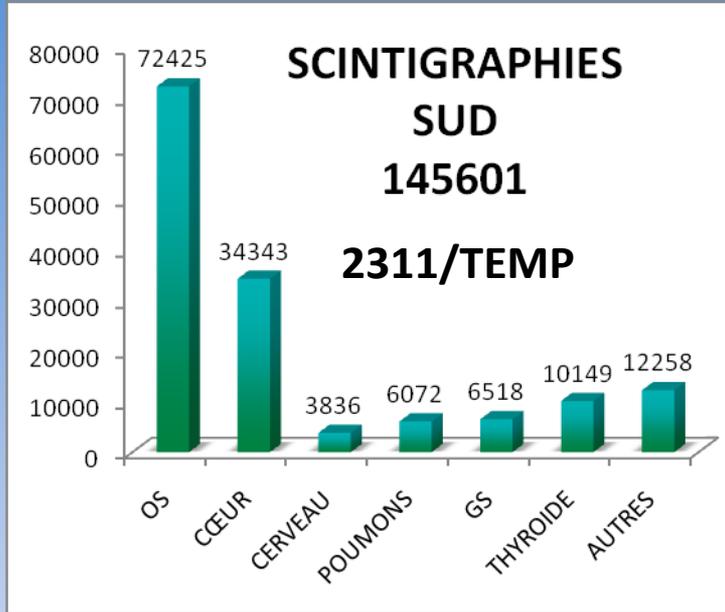
NATIONAL

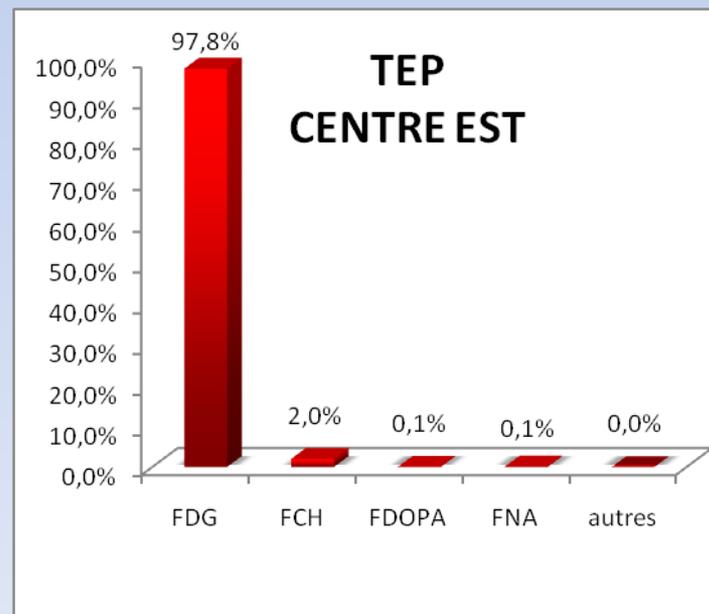
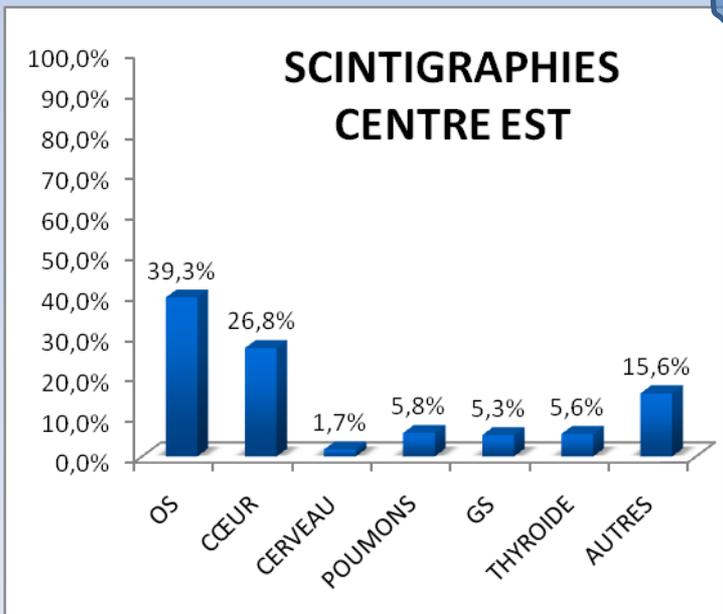
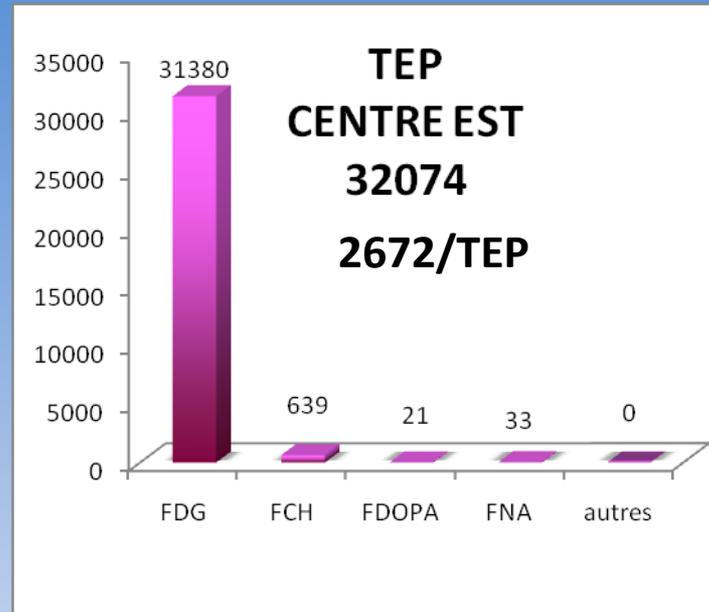
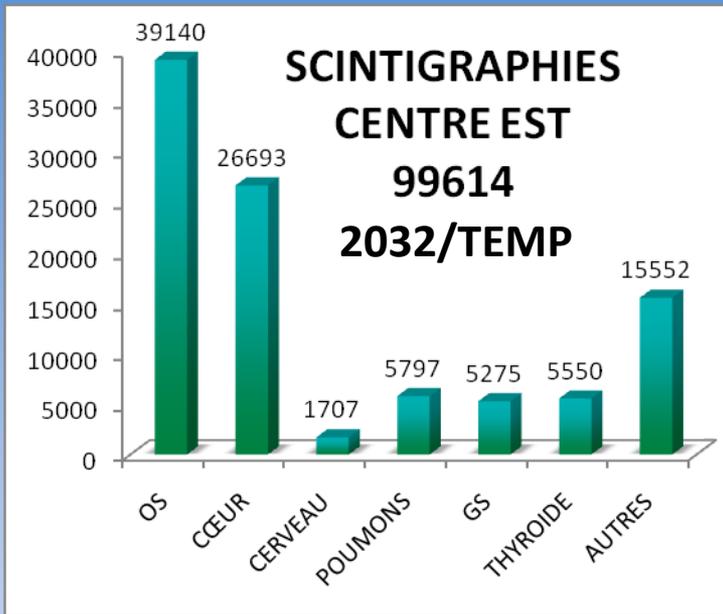


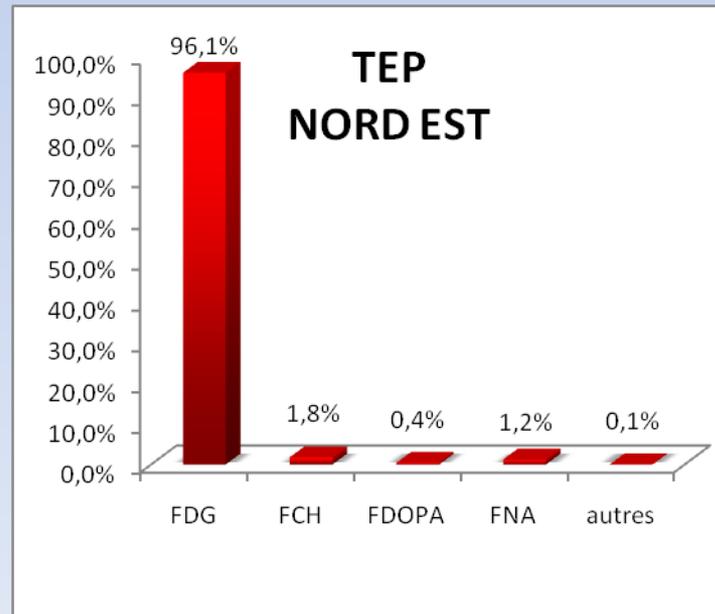
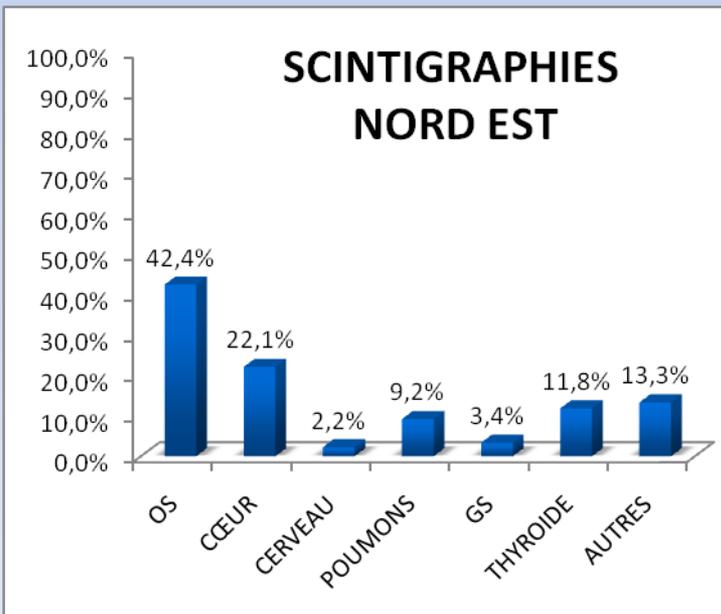
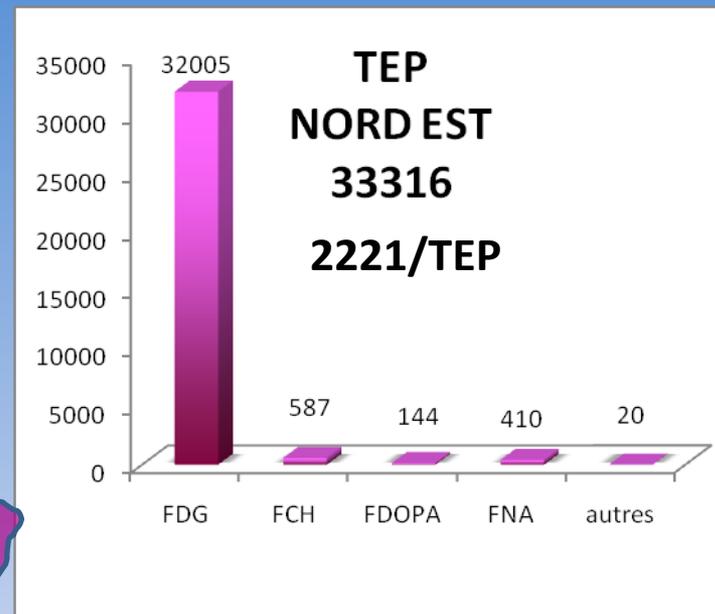
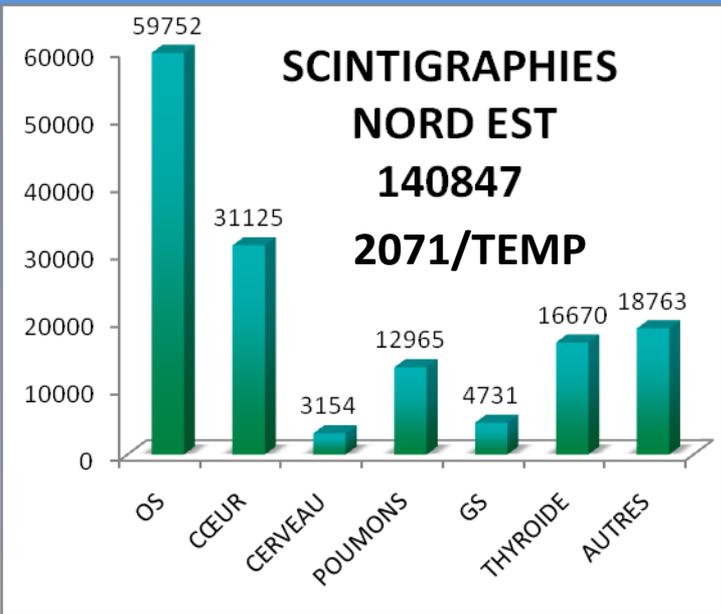


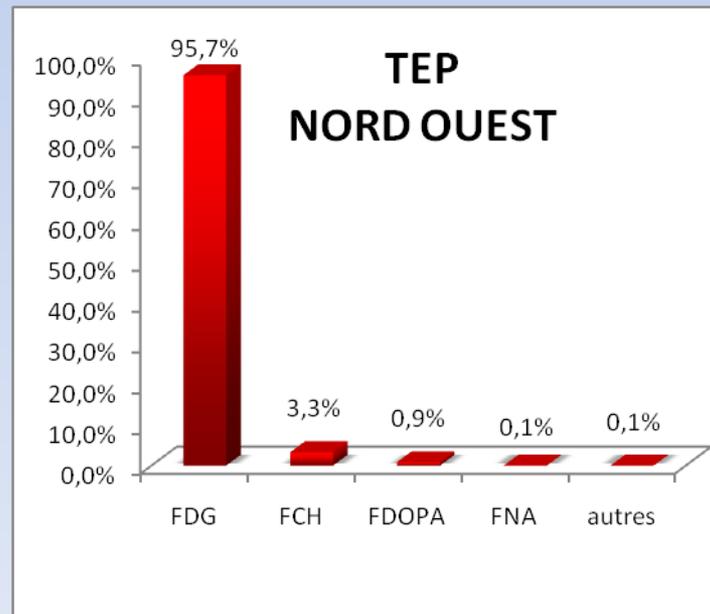
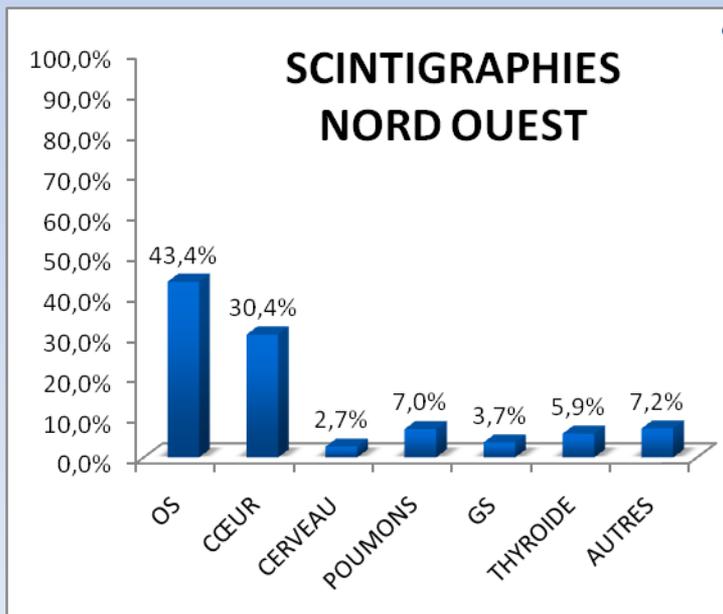
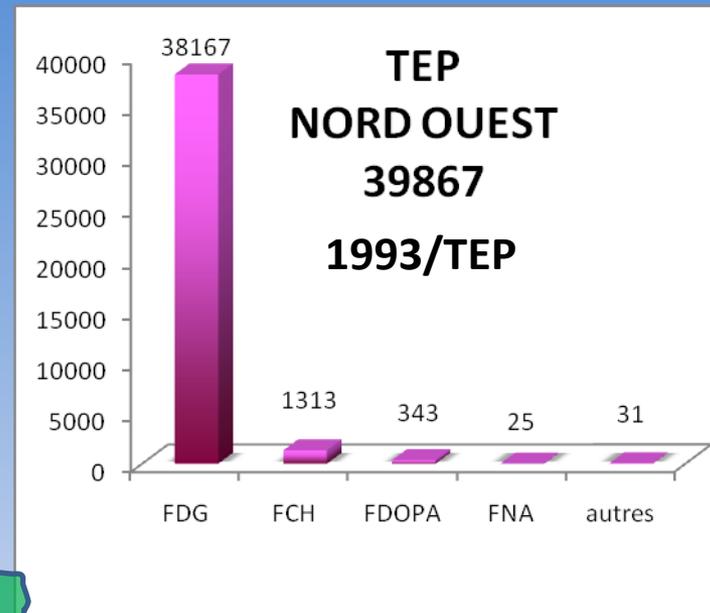
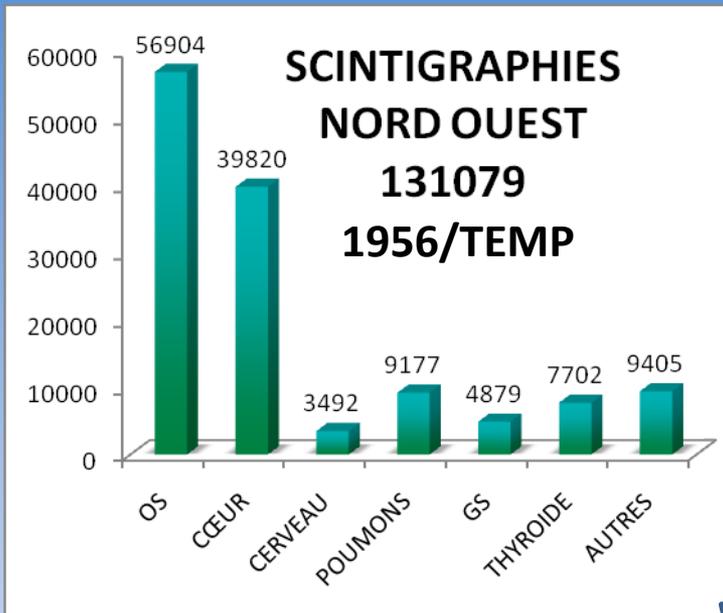




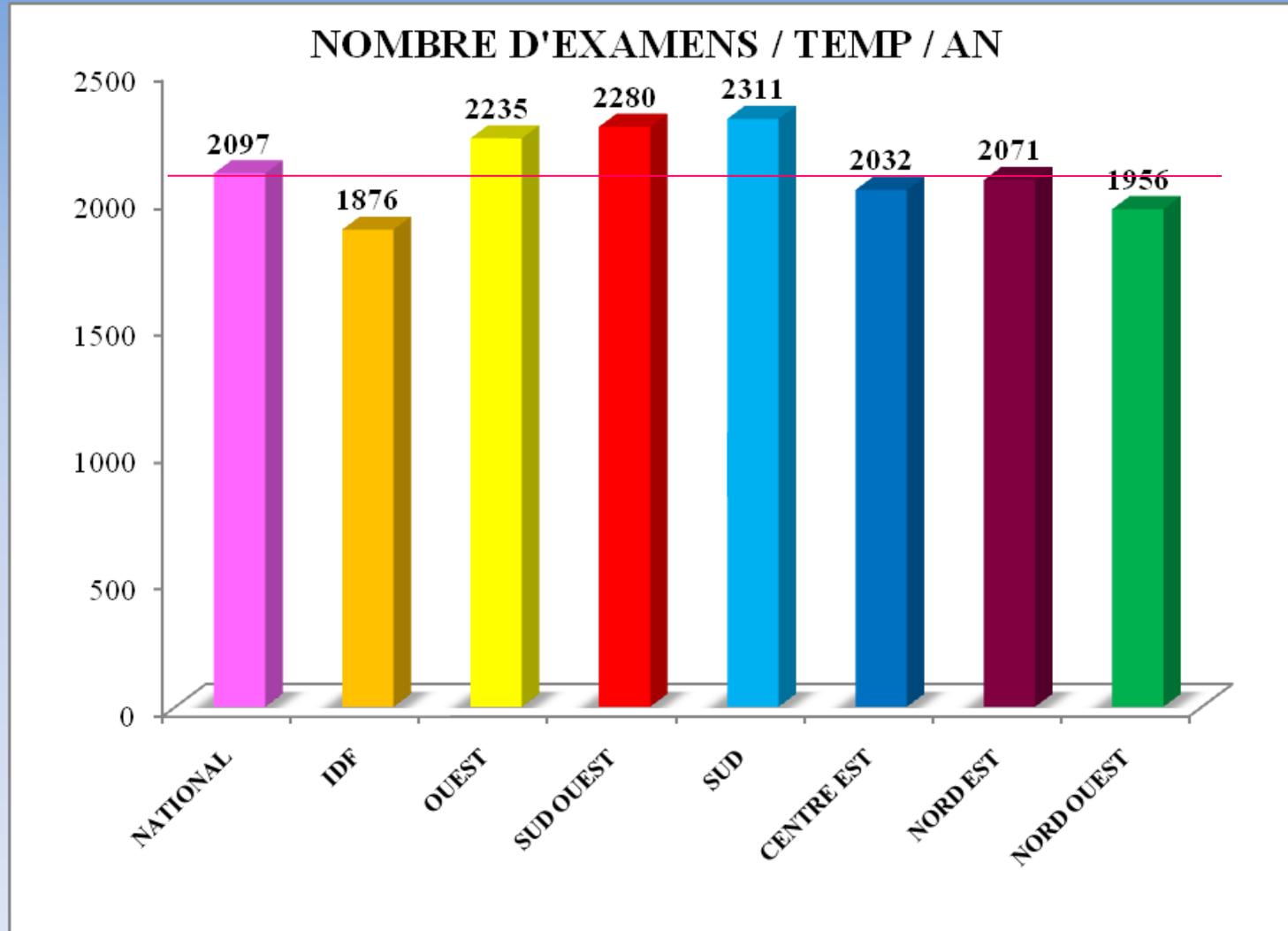




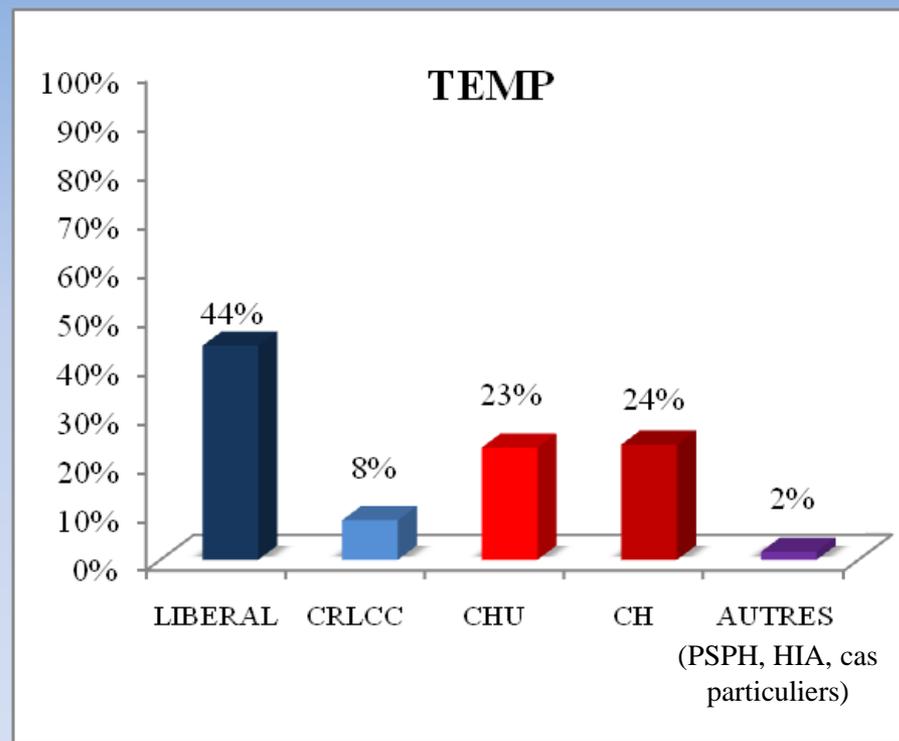
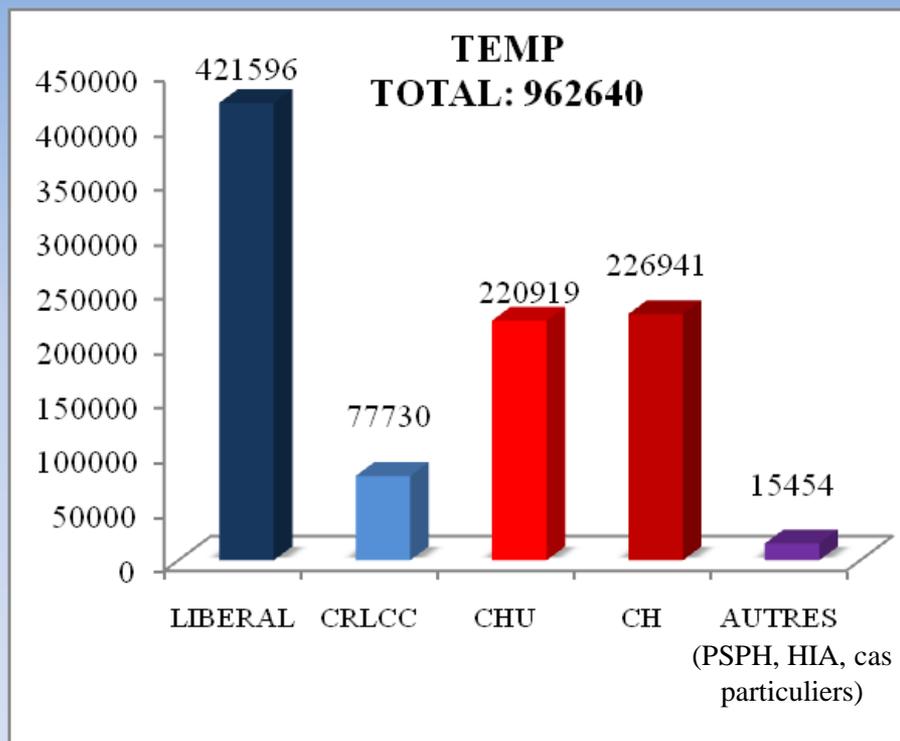




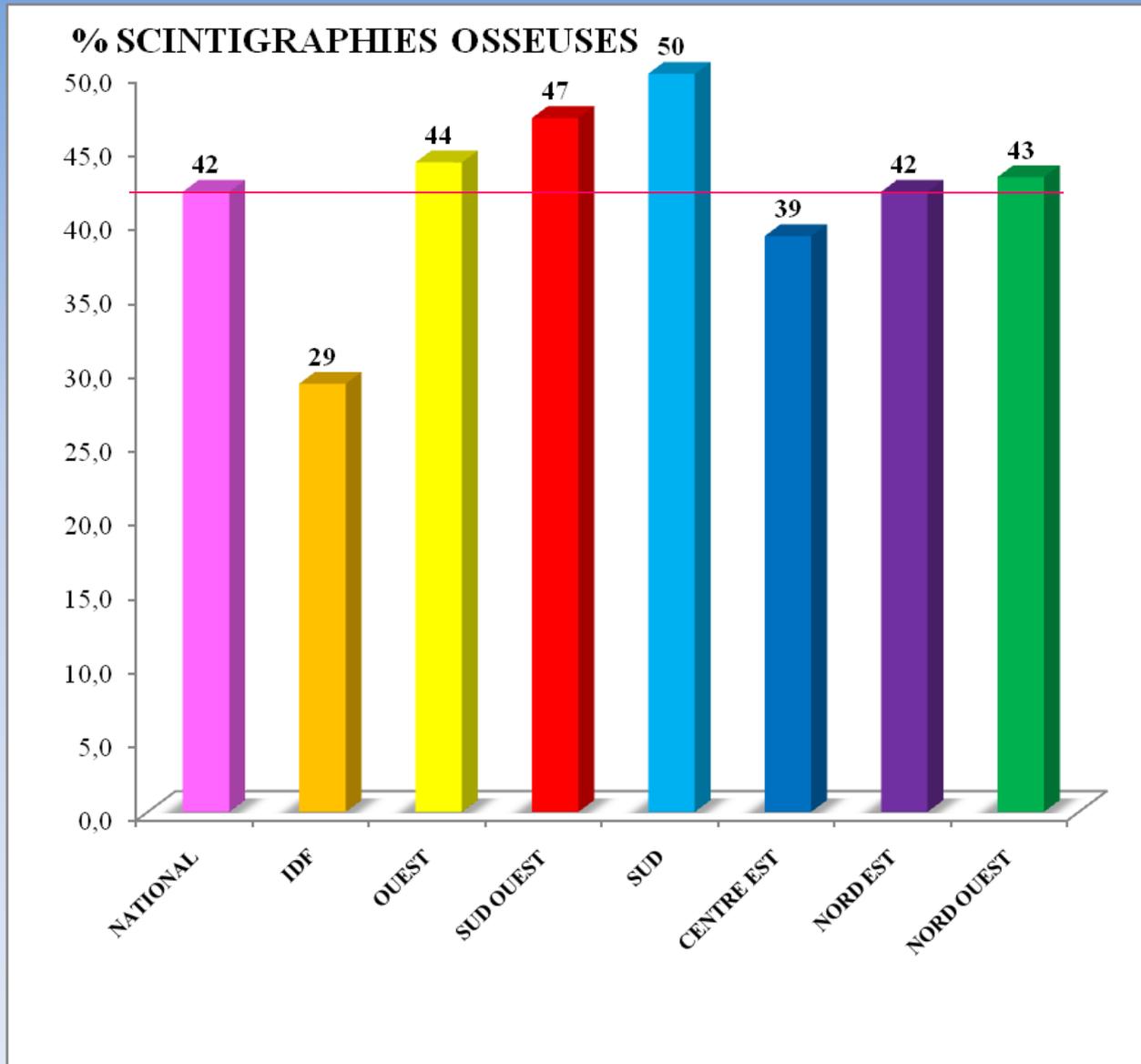
ETUDE COMPARATIVE



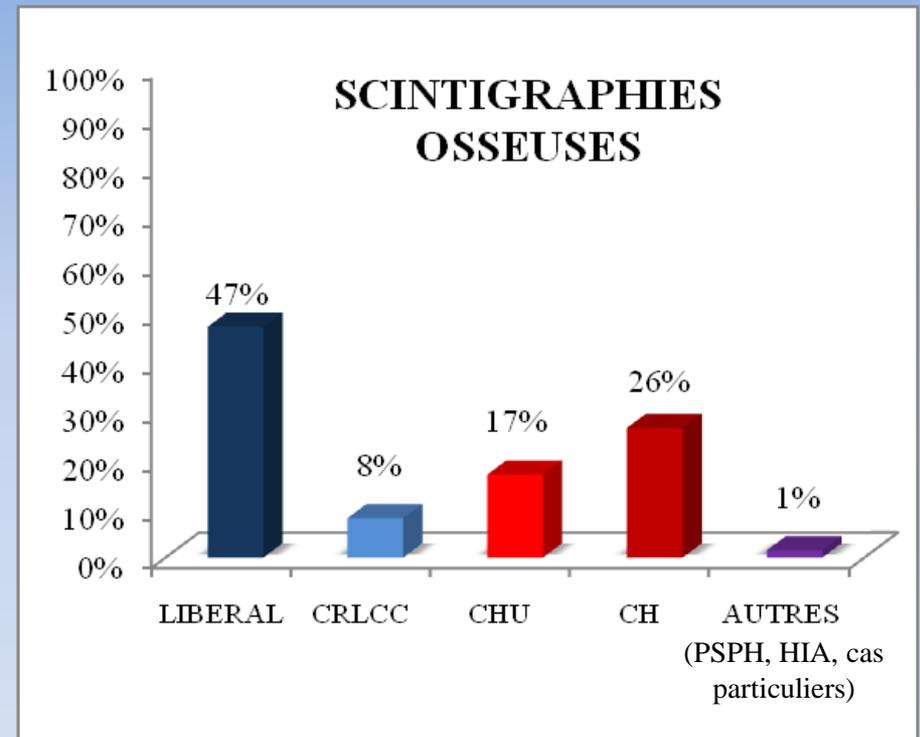
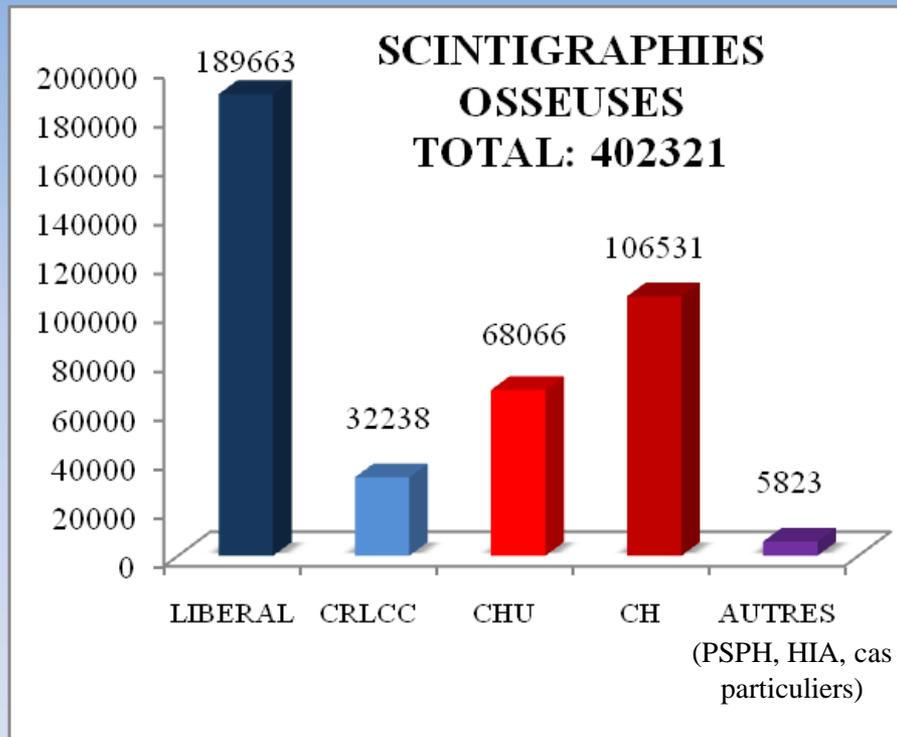
ETUDE COMPARATIVE



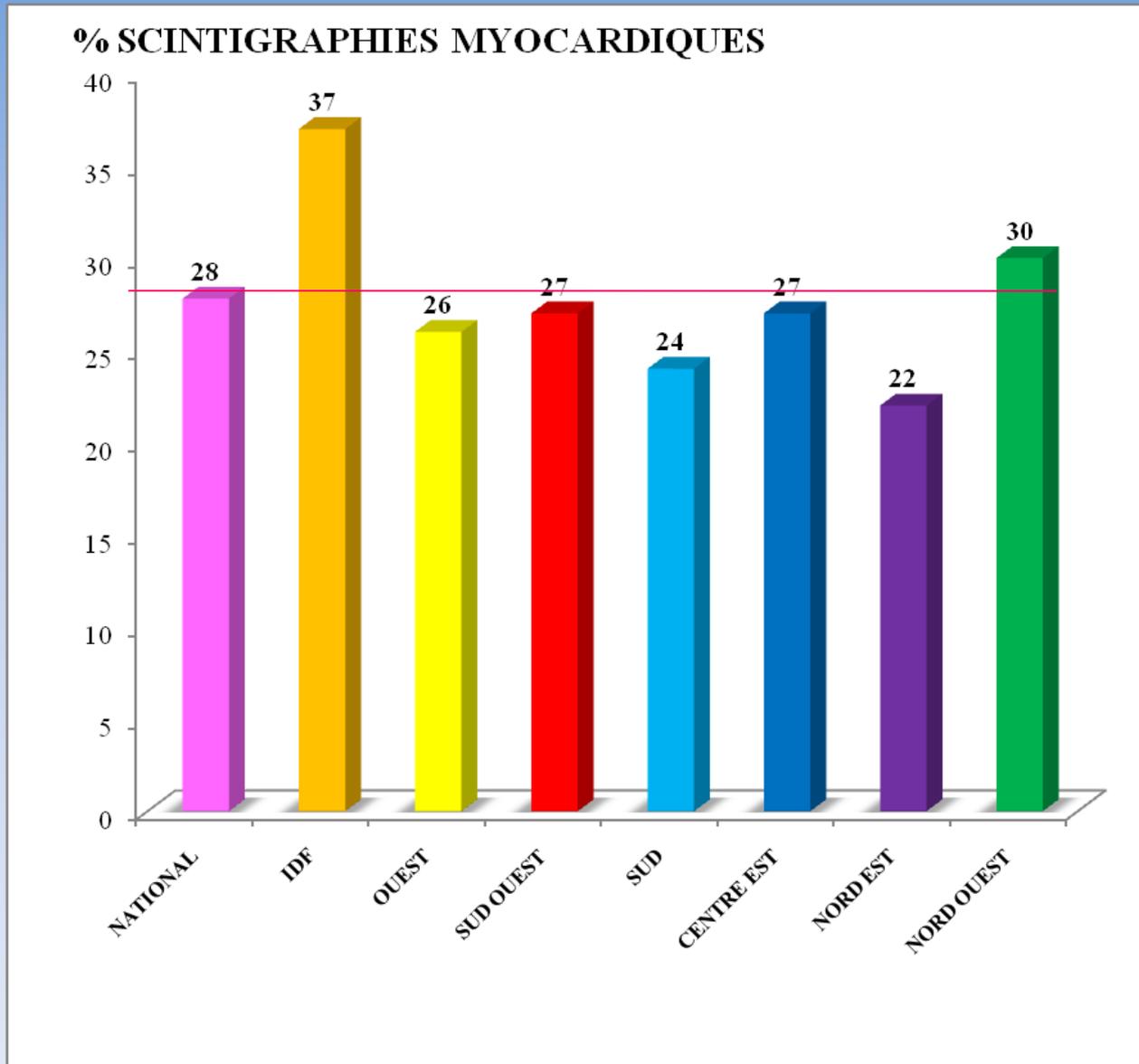
ETUDE COMPARATIVE



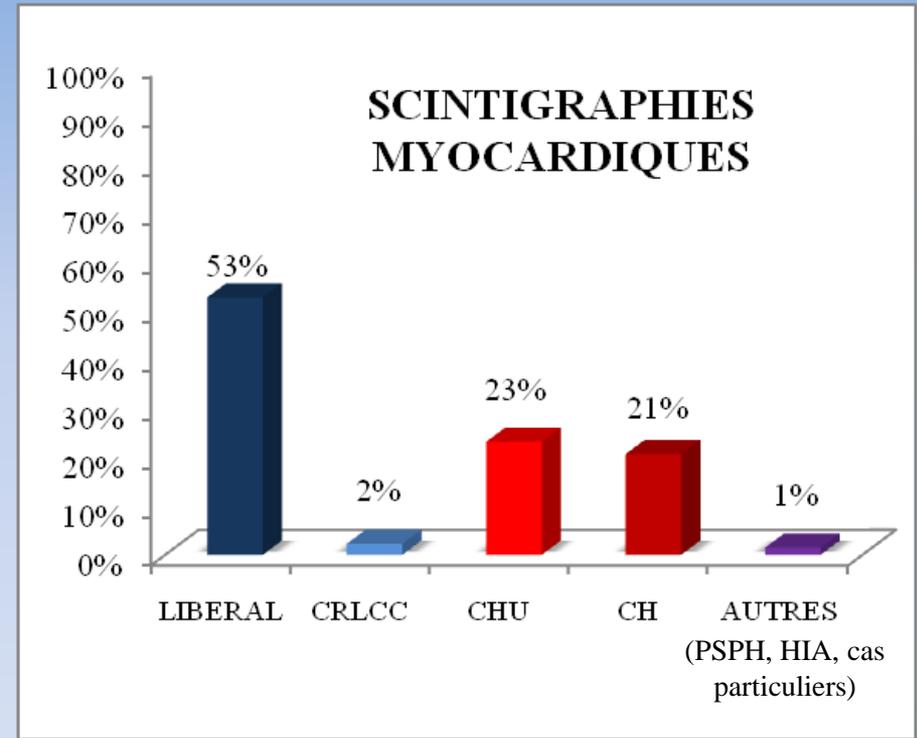
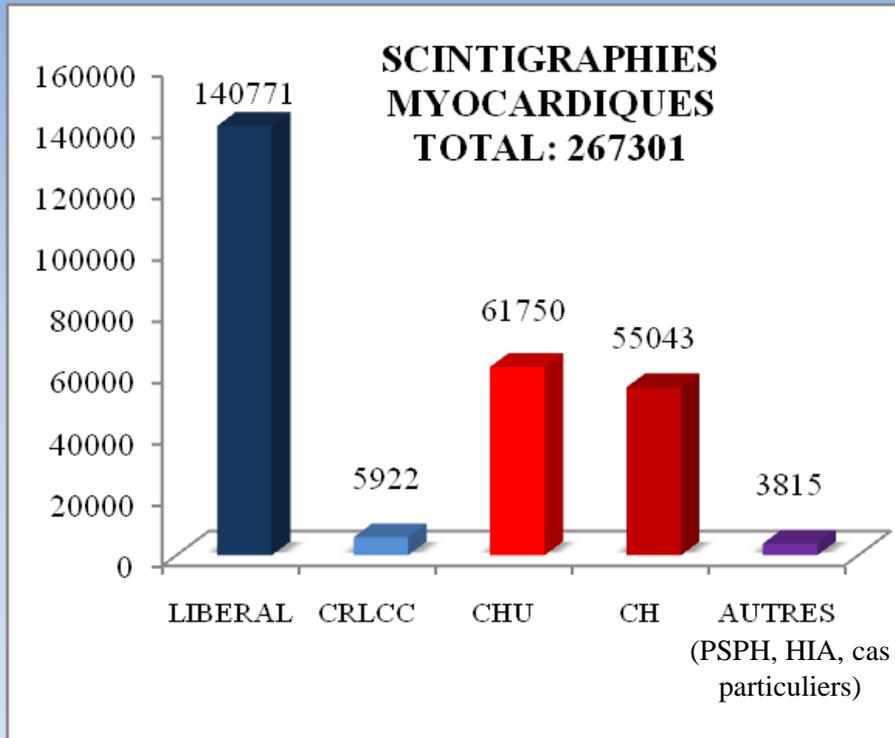
ETUDE COMPARATIVE



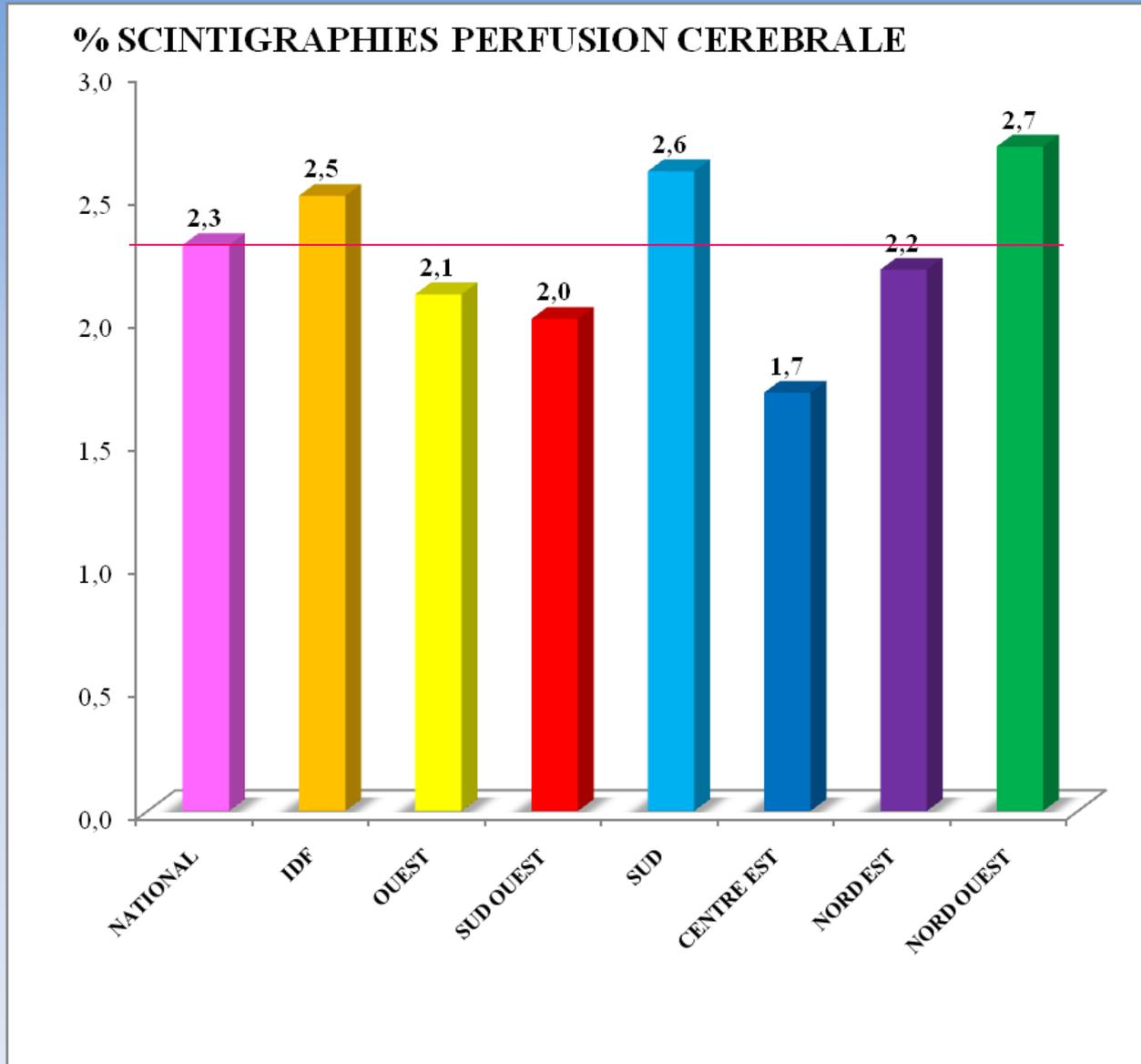
ETUDE COMPARATIVE



ETUDE COMPARATIVE

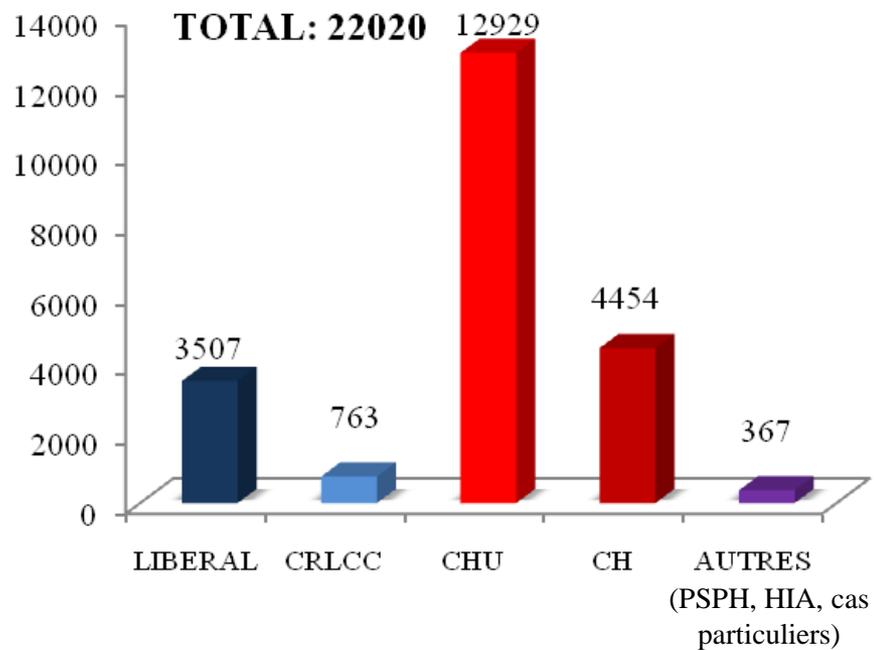


ETUDE COMPARATIVE

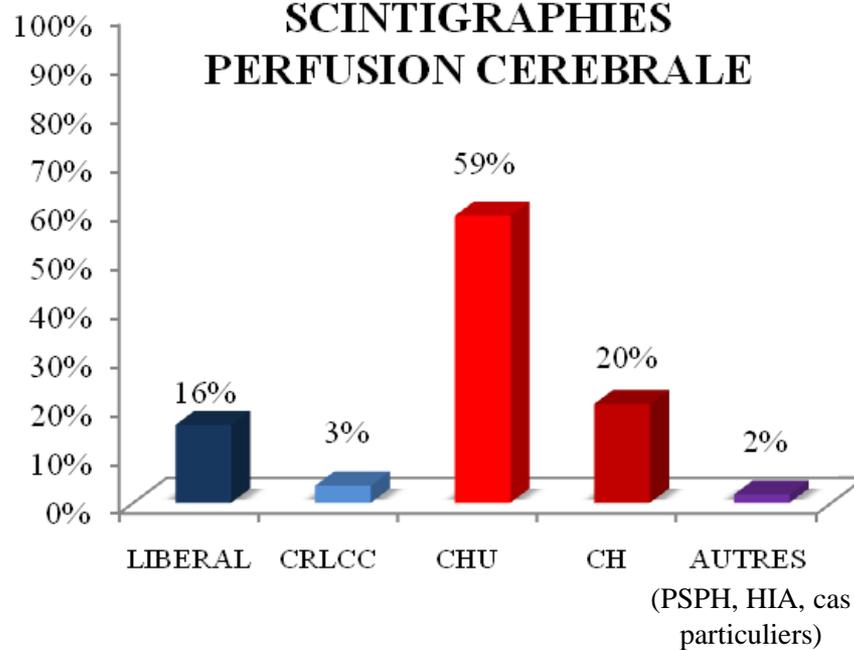


ETUDE COMPARATIVE

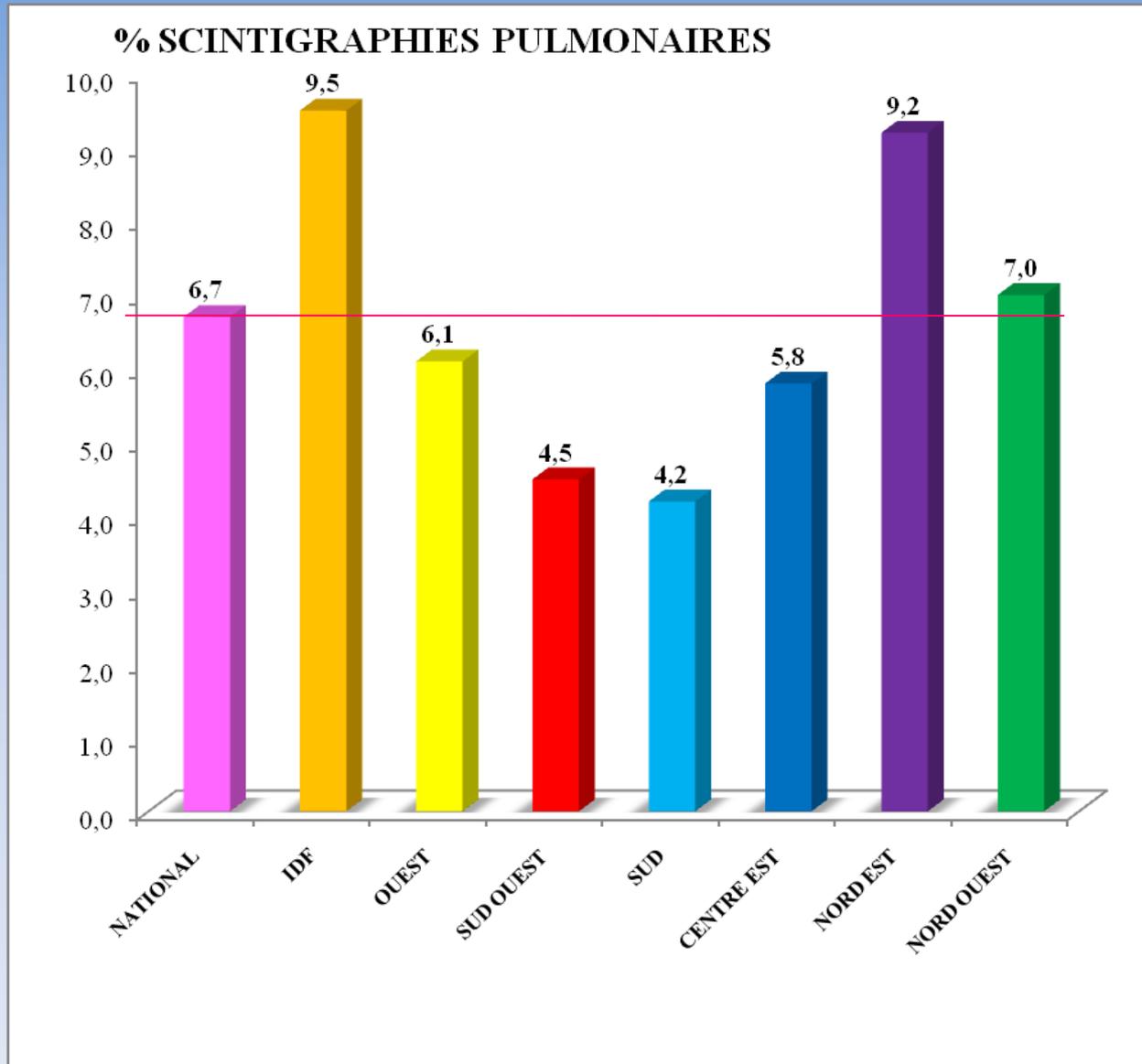
SCINTIGRAPHIES CEREBRALES



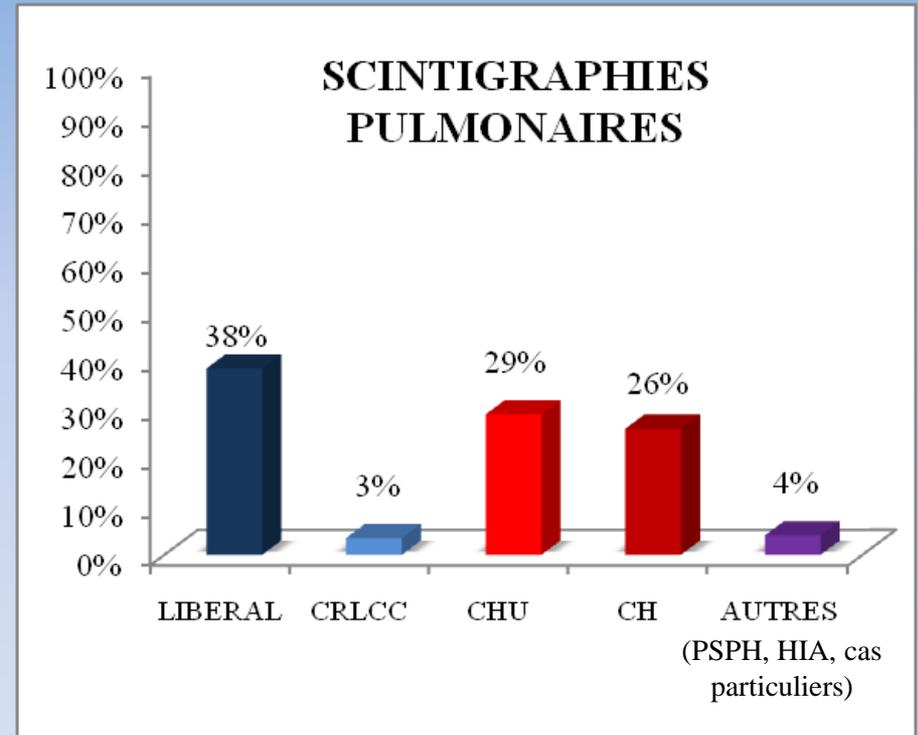
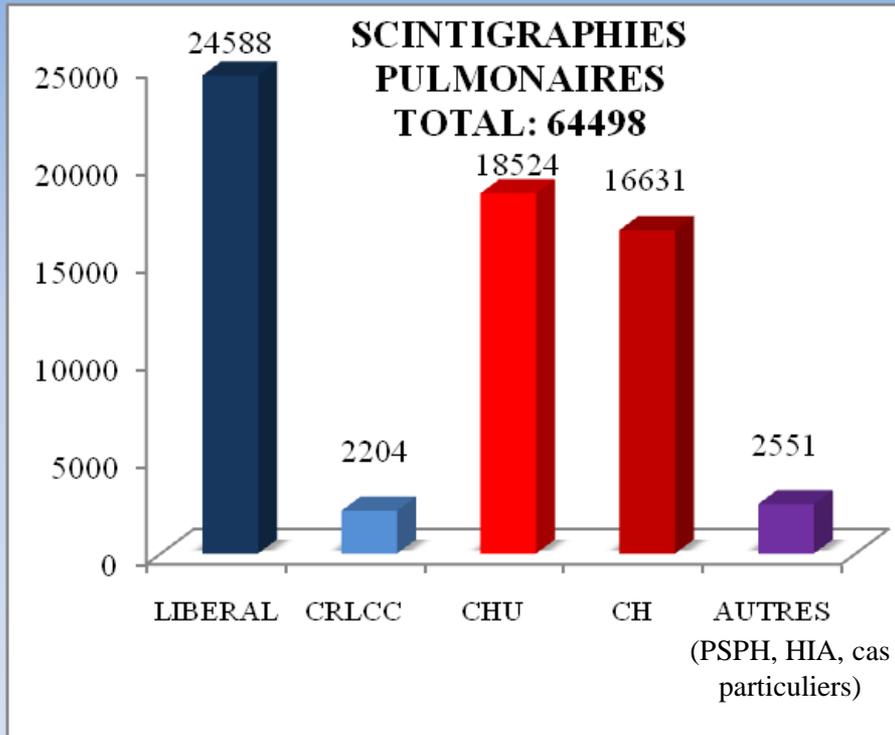
SCINTIGRAPHIES PERFUSION CEREBRALE



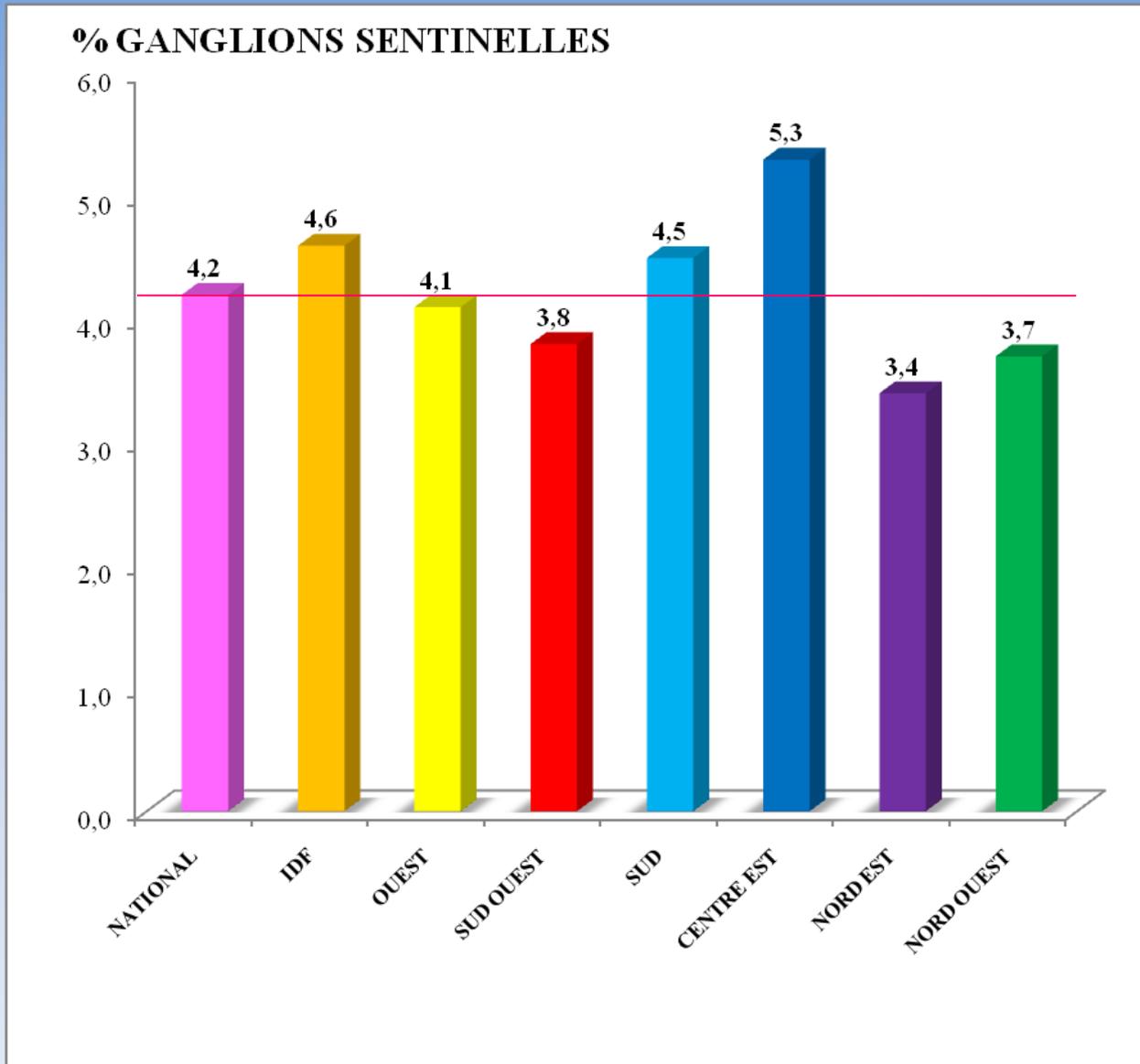
ETUDE COMPARATIVE



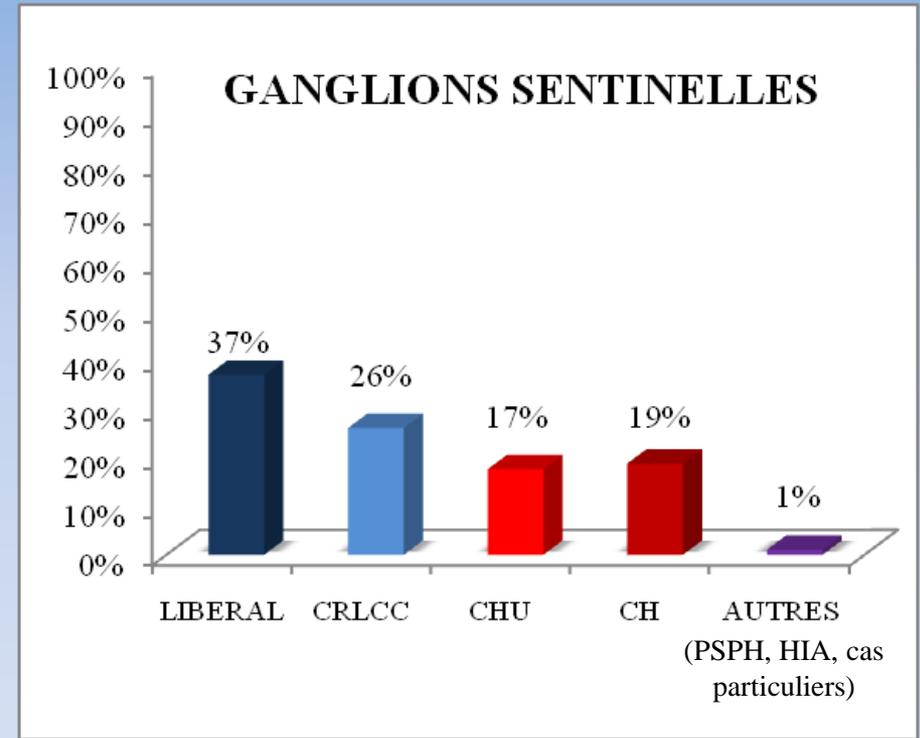
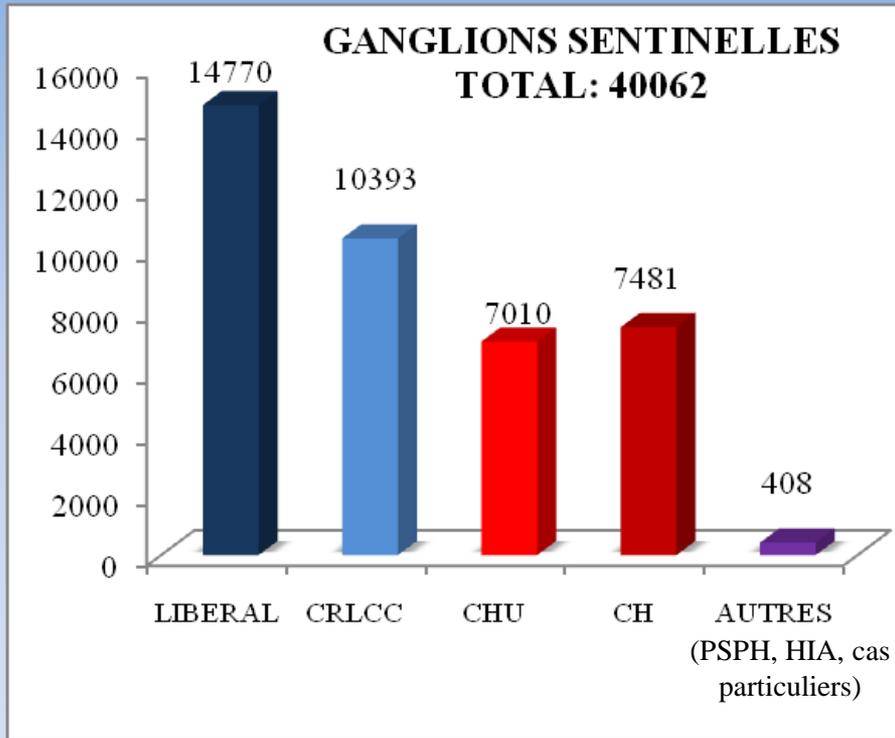
ETUDE COMPARATIVE



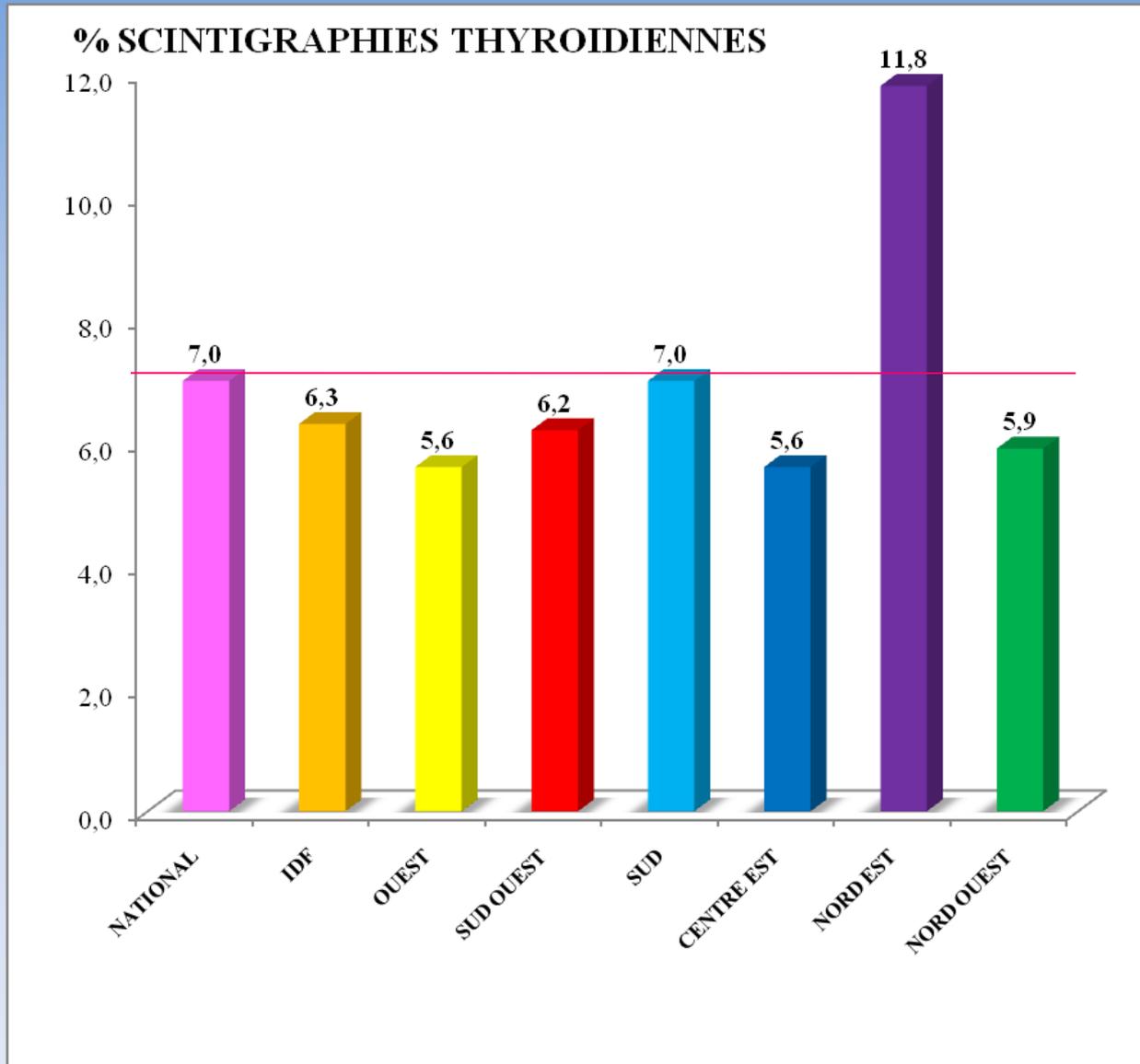
ETUDE COMPARATIVE



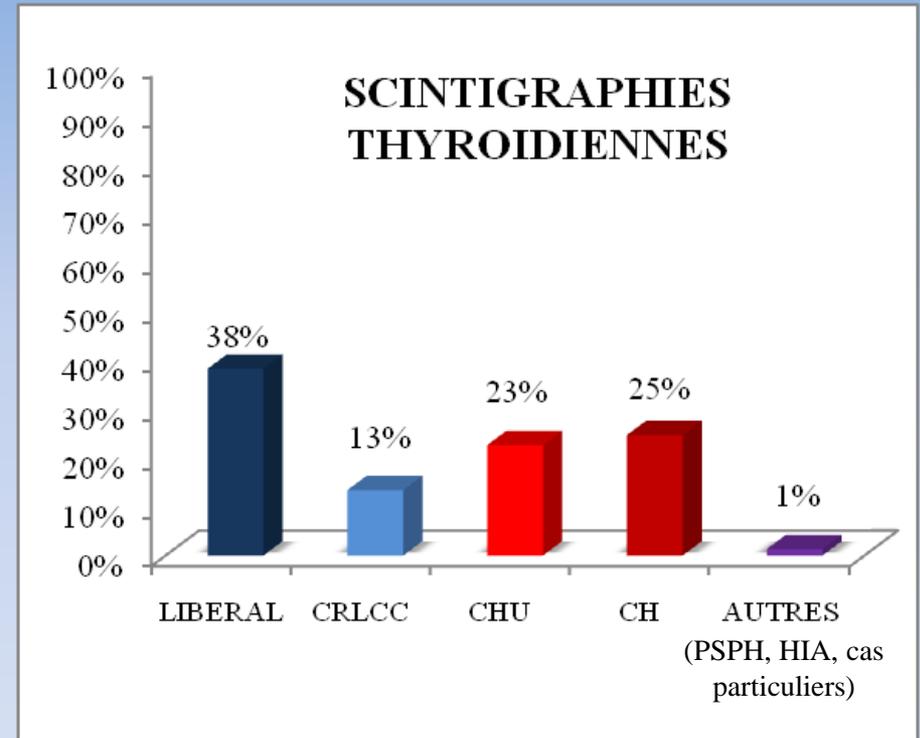
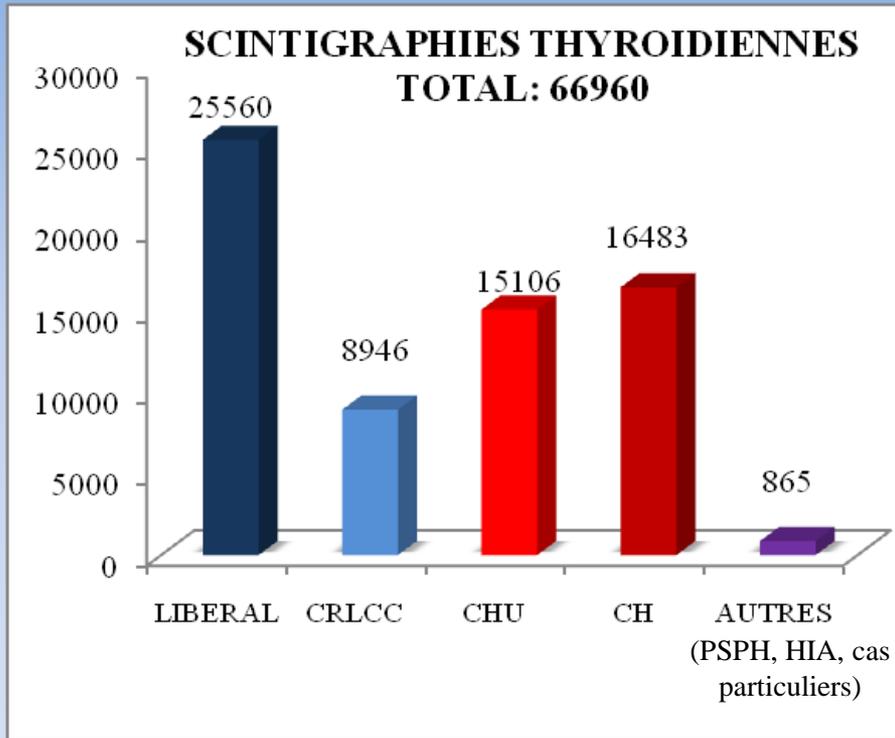
ETUDE COMPARATIVE



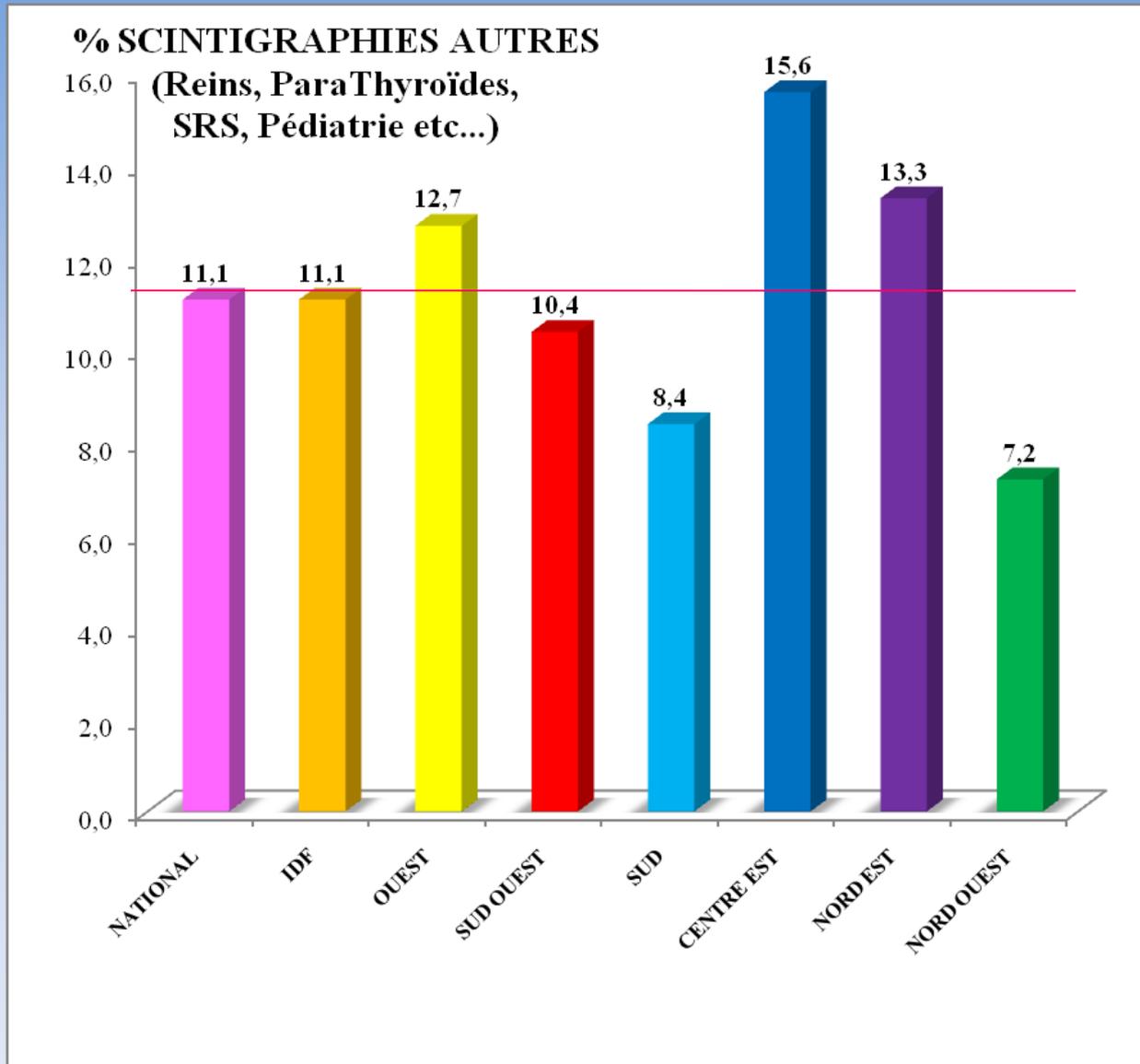
ETUDE COMPARATIVE



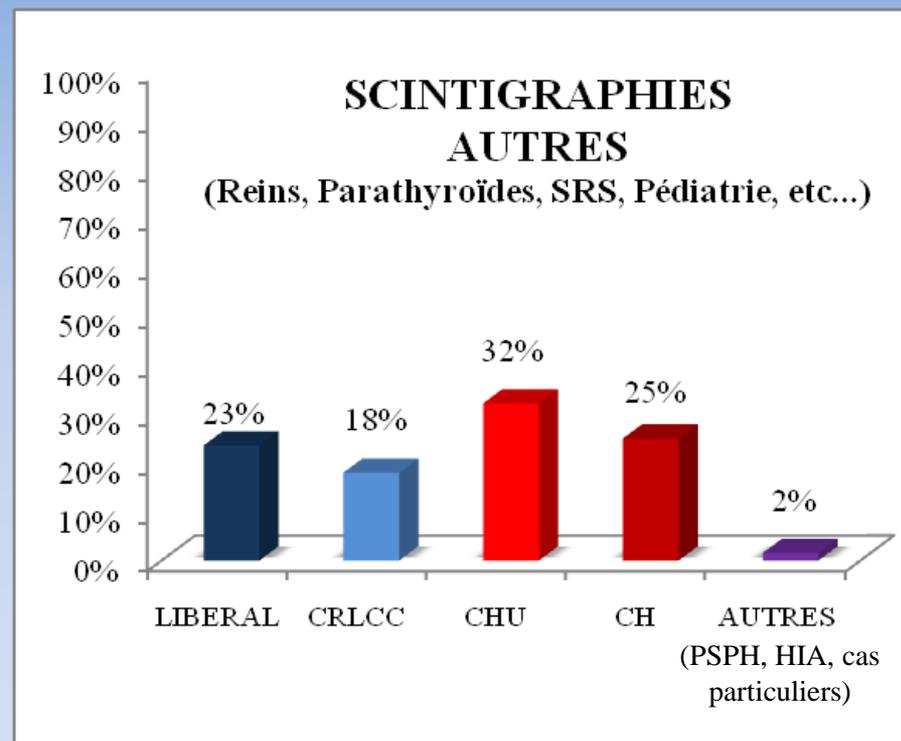
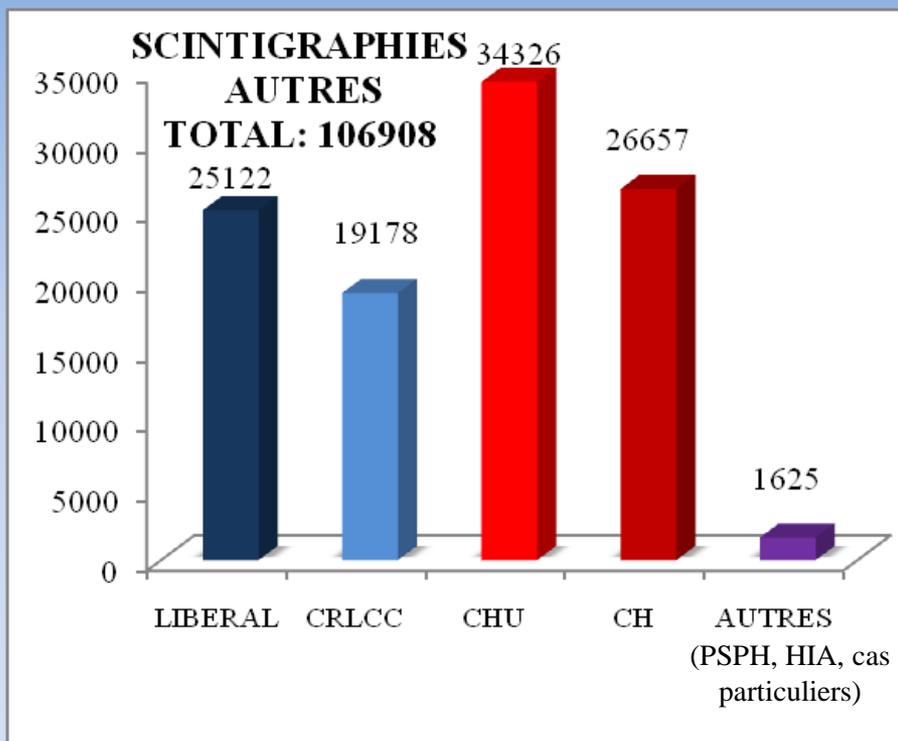
ETUDE COMPARATIVE



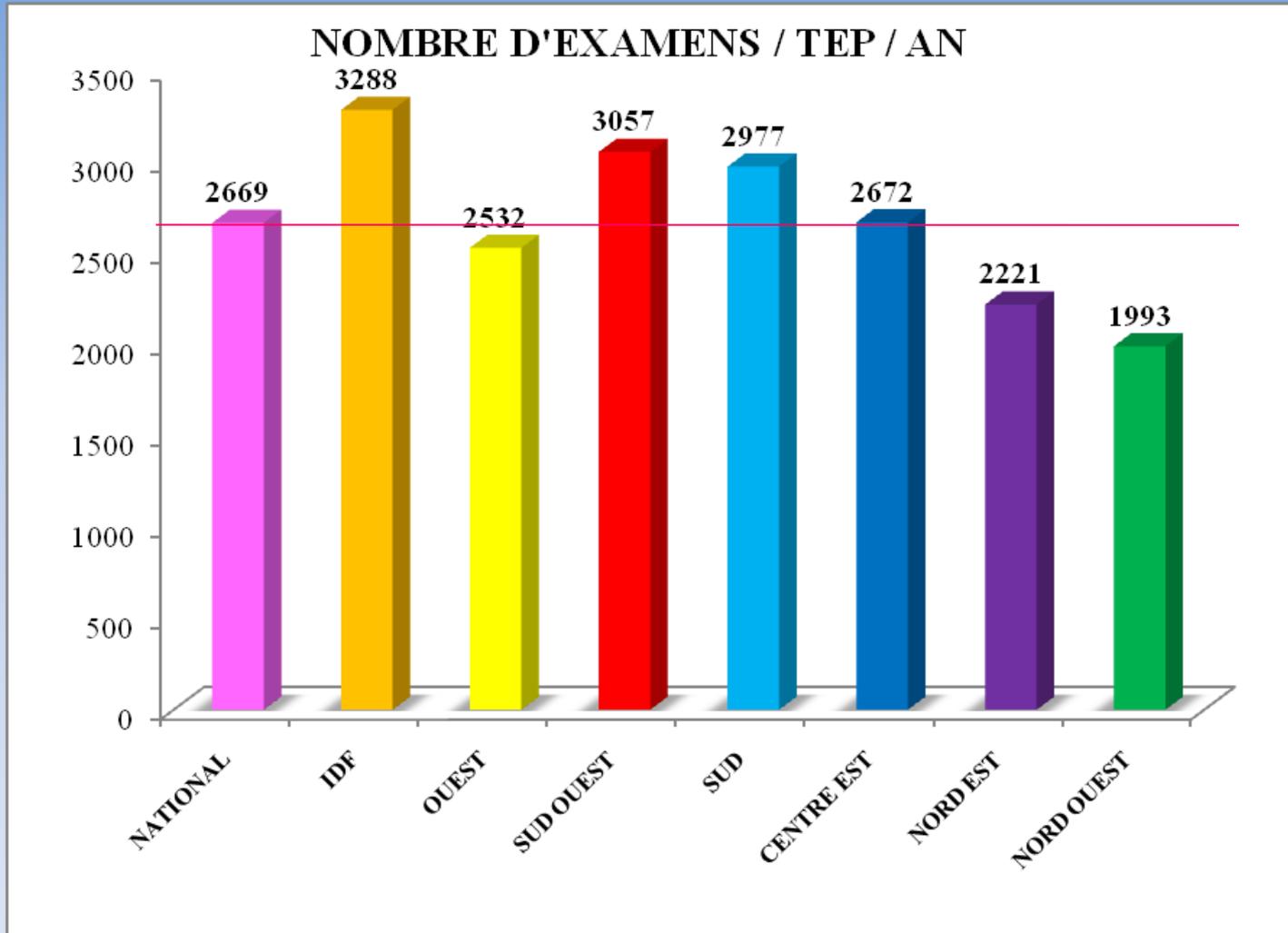
ETUDE COMPARATIVE



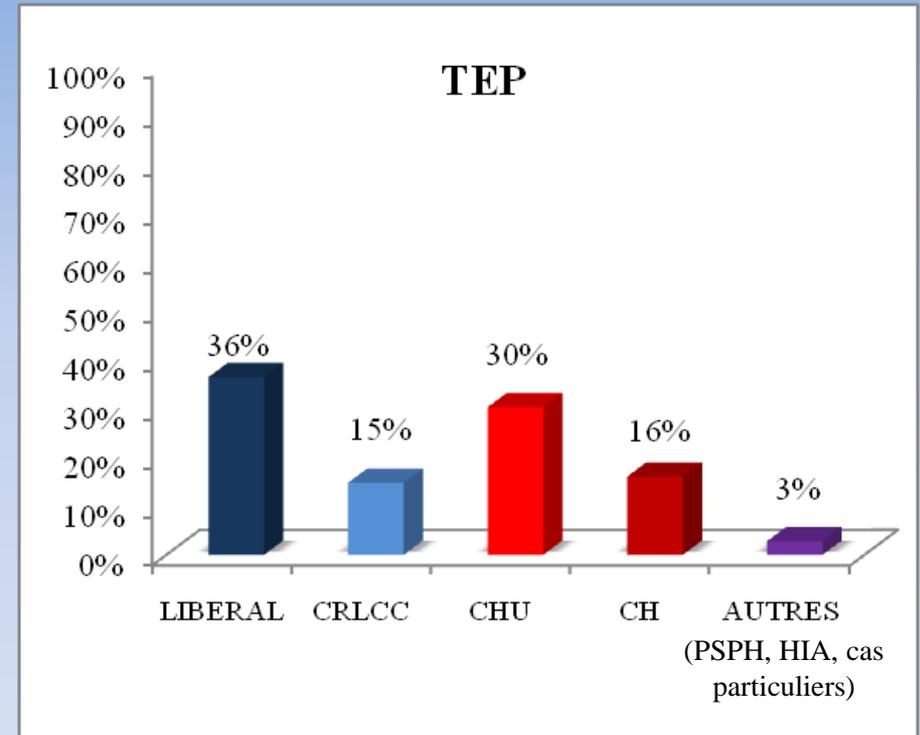
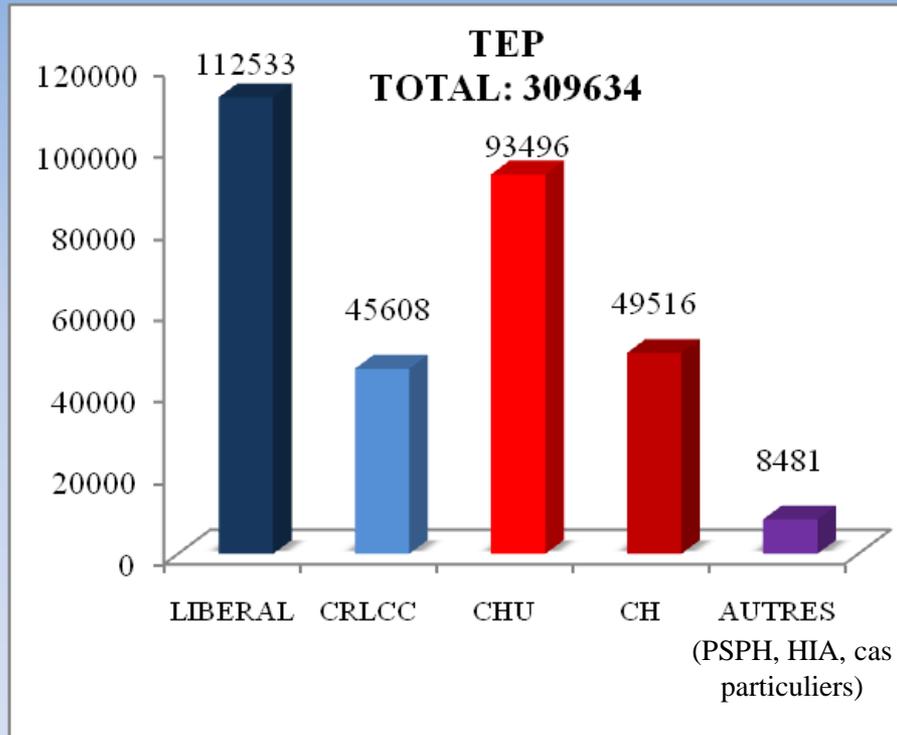
ETUDE COMPARATIVE



ETUDE COMPARATIVE



ETUDE COMPARATIVE



THÉRAPIE

- 45 centres disposent de chambres radioprotégées pour la radiothérapie métabolique pour un total de 150 chambres.
- Activité 2013:
 - 12785 traitements:
 - 6784 à visée oncologique (53%)
 - 6001 à visée non oncologique (47%)
 - 49646 Consultations

DONNEES COMPLEMENTAIRES

(Inter-région SUD: 100% répondeurs)

- 24% des MN travaillent sur plus d'un service géographiquement distinct.
- 62% des centres disposent d'un radiopharmacien.
- 81% des centres disposent d'un cadre de santé.
- 100% des centres disposent d'un radiophysicien et d'une PCR. En moyenne 0.5 ETP de radiophysicien.
- 8.4 MER/centre et 7.7 ETP de MER/centre
- soit encore 2.8 MER et 2.6 ETP de MER par caméra.

DONNEES COMPLEMENTAIRES

(Inter-région SUD: 100% répondeurs)

- Dosimétrie, activités administrées en MBq/kg :
- Scintigraphie osseuse : 9.8 ± 0.8
- Scintigraphie myocardique Tc : 5.4 ± 2.7 (1^o examen si protocole en 1 jour)
- Scintigraphie myocardique Tl : 1.6 ± 0.2
- Scintigraphie thyroïdienne au ^{99m}Tc : 1.75 ± 0.5
- Scintigraphie thyroïdienne à l' ^{123}I : 0.16 ± 0.06
- TEP au ^{18}F FDG : 4.1 ± 0.8
- PDL TEMP : 235 mGy.cm
- PDL TEP : 600 mGy.cm

Légende des abréviations

- DIR: Délégué Inter-Région
- MN: Médecin nucléaire "sénior" diplômé titulaire du DES
- ONM: Ordre National des Médecins
- ETP: Equivalent Temps Plein
- MER: Manipulateur en ElectroRadiologie
- PCR: Personne Compétente en Radioprotection
- TEP: Tomographe par Emission de Positons ou Acte de Tomographie par Emission de Positons
- TEMP: Tomographe par Emission MonoPhotonique (Gamma-caméra ou semi-conducteurs)
- CZT: TEMP semi-conducteurs
- Os: Scintigraphie osseuse
- Cœur: Tomoscintigraphie de perfusion myocardique
- Cerveau: Tomoscintigraphie de perfusion cérébrale
- Poumons: Scintigraphie (ou tomoscintigraphie) de ventilation et/ou de perfusion pulmonaire
- GS: Lymphoscintigraphie pour repérage du Ganglion Sentinelle
- Thyroïde: Scintigraphie thyroïdienne (Tc99m ou I123)
- Autres TEMP: Scintigraphies rénales, pédiatriques, parathyroïdiennes, des récepteurs à la somatostatine, etc...
- FDG: TEP au Fluorodésoxyglucose
- FCH: TEP à la Fluorocholine
- FDOPA: TEP à la FDOPA
- FNA: TEP au Fluorure de sodium
- Autres TEP: TEP Amyloïdes, Hypoxie, FET, FLT, FES etc...