



# CHKS

Insight for better healthcare  
Part of the AdvT Group

# API

## Application Programming Interface

Access iCompare data in machine-readable formats

Implement data into various BI tools

Incorporate elements of RPA in pipelines

# Helping Trusts access data directly to create complex analytics and integrate with other business intelligence tools

## The challenge

Trusts today require access to the most pertinent data and information to accomplish efficient tasks and valuable analysis. As a leading provider of healthcare intelligence and quality improvement products and services, our iCompare system already provides a user friendly, efficient and wide range of analysis tools delivering comparative performance and patient safety benchmarking. As the use of business intelligence (BI) software grows across the NHS, Trusts want to be able to show critical business and governance data in a single system for staff to facilitate decision making. Informatics teams and operational managers want to be able to produce reports using a single source of data from a trust wide BI software.

## Key features and benefits:

- Extract the same indicators and other features in iCompare
- A range of extraction options
- No install required

Description	Local Numerator	Local Denominator	Jan 22	Jan 21	Change	Peer Value	Performance	Alert
Case Quality Index	1038.81	15457	87.94	88.16	-0.22%	96		Light Green
N Unreadable FCE (Finished Consultant Episodes) - Blank Primary Diagnosis	0	15457	0%	0%	-%	0.0%		Green
FCE (Finished Consultant Episodes) HES 10 Groups	10	15457	0.06%	0.29%	-0.23%	0.0%		Amber
Sign or symptoms as a primary diagnosis	1365	15457	8.82%	7.77%	1.05%	9.58%		Light Green
Sign and Symptoms as Primary Diagnosis Episode 20	176	1888	10.37%	8.52%	1.85%	10.01%		Light Green
Admission Diagnosis Emergency for Elective Admission	46	7245	0.63%	0.62%	0.01%	0.69%		Light Green
Average Diagnosis per FCE (Finished Consultant Episode)	9105	15457	5.92	6.10	-0.18%	7.10		Red
Unreadable Primary Diagnosis	0	15457	0%	0%	-%	0.0%		Light Green
Diagnosis Non-Specific	1146	15457	11.30%	10.59%	0.71%	12.17%		Light Green
Diagnosis Potential conflict with age or sex	8	15457	0.05%	0.14%	-0.09%	0.02%		Green
Procedure code invalid	0	15457	0%	0%	-%	0%		No data to display
Procedure Potential conflict with age or sex	1	15457	0.01%	0%	0%	0%		Light Green
Date conflicts	0	15457	0%	0.29%	-0.29%	0.0%		Light Green
FCE (Finished Consultant Episodes) deaths with operational sufficient care code 2019	55	100	34.50%	19.31%	15.19%	34.61%		Light Green

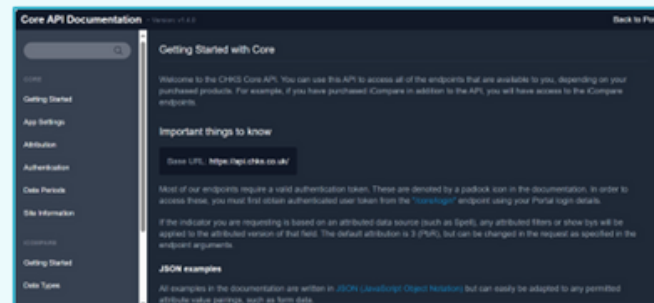
- Extract large amounts of data immediately
- Use up to 4 show-bys and filters to carry out complex queries



- Supports JSON and CSV
- Python CHKS API RPA tool, with a roadmap for more languages
- A tailored induction programme (usually consisting of 3-4 1.5-2-hour workshops) including a Q & A session is available.
- A tailored coaching and guidance programme
- API user group bi-monthly (or quarterly depending on demand) facilitated by a CHKS Benchmarking consultant to discuss and collaborate on API projects and facilitate mutual support between users.

## The solution

The CHKS application programming interface (API) allows clients to extract the same data used in iCompare into your preferred business intelligence (BI) tools. CHKS gives you the ability to create complex data analytics and integration with local BI software increasing automation in your data flows.



To find out more, please email [info@chks.co.uk](mailto:info@chks.co.uk)