***// each of these import declarations should be commented –***

***// - what are we importing from each module?***

***// what do each of the imported functions do, in one phrase?***

***//***

using MongoDB.Bson;

using MongoDB.Bson.Serialization.Attributes;

using MongoDB.Bson.Serialization.IdGenerators;

***// would it be worth creating an enumeration type for designating health indicators?***

***// would some sort of subtyping or enumeration be appropriate to assure that region numbers, division numbers, county ids, and state codes***

***// that appear here eventually are legit?***

***// these values are strings; that concerns me***

***// ditto for years; at least, could we guarantee that years are in range, relative to CHR data?***

***//***

namespace CPH\_IVT.Models

{

/// <summary>

/// Represents a population-level indicator that describes the health and quality

/// of life of a geographic community, including trends, disparities, and the

/// ability to compare metrics with those of other communities.

/// Refer to: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5296688/

/// </summary>

public class HealthIndicator

{

/// <summary>

/// Database identifier.

/// </summary>

/// <seealso cref="ObjectId"/>

[BsonId(IdGenerator = typeof(ObjectIdGenerator))]

public ObjectId Id { get; set; }

/// <summary>

/// Indicator descriptor.

/// </summary>

public string Name { get; set; }

/// <summary>

/// Calendar year in which the indicator is recorded.

/// </summary>

public string Year { get; set; }

/// <summary>

/// Measure of indicator relative to its descriptor.

/// </summary>

public double Value { get; set; }

///// <summary>

///// <see cref="CensusRegion.Number"/>

///// </summary>

//public string CensusRegionNumber { get; set; }

///// <summary>

///// <see cref="CensusDivision.Number"/>

///// </summary>

//public string CensusDivisionNumber { get; set; }

///// <summary>

///// <see cref="State.FIPS"/> object

///// </summary>

//public string StateFIPS { get; set; }

///// <summary>

///// <see cref="County.CountyId"/>

///// </summary>

public string CountyId { get; set; }

}

}