

Survey of Endangered Audiovisual Carriers

2003

Survey conducted by
George Boston
Secretary, Technical Committee of
the International Association of Sound and Audiovisual Archives
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Survey of Endangered Audiovisual Carriers

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1. Introduction

In 1995, the Technical Committee of the International Association of Sound and Audiovisual Archives (IASA) carried out a *Survey of Endangered Audio Carriers* at the request of UNESCO. The results confirmed some fears about the rate of decay of carriers of recorded sound and allayed others. The results were also of great assistance to the IASA Technical Committee in drafting advice for archives and libraries holding collections of recorded sounds.

The information provided by the 1995 Survey has proved so useful that UNESCO approached IASA in 2002 to repeat the exercise to see how the situation has developed over the intervening years. In addition, UNESCO asked that the range of carriers covered be extended to include some video and photographic media. UNESCO was also interested in information about the spread of digitization both as a means of improving access to collections and as a preservation tool. A major force driving the spread of digitization is the increasing obsolescence of many of the machines required to play the historic recordings in collections. Questions about both of these topics were added to the basic questionnaire.

The answers to these two additional questions are very varied. Many replies are effectively asking for advice on specific points and the members of the IASA Technical Committee will be asked to respond with these on an individual basis.

The Survey is not intended to be an accurate, scientific piece of research. It asks the respondents to use their knowledge of their collections to estimate the quantities of their holdings that fall into each of three, loose categories - *In Good Condition*, *Giving Some Concern* and *Obviously Decaying*. It is hoped, however, that by comparing the results of the 1995 Survey with the results of the current Survey, a better picture of the rate of decay of the various carriers can be obtained. This, in turn, will enable the IASA Technical Committee to improve its advice to the custodians of recorded sounds and images about the priorities of preservation.

2. Responding Collections

About 2100 questionnaires have been distributed and, because replies are still arriving, this report is based upon the first 118 replies received. A second edition of the report will be prepared in a few months time. The current response of 118 replies gives a response rate of 5.6% which is lower than the response rate of 16.5 % from the 1995 Survey. Eighteen institutions have replied to both the 1995 and the 2003 Surveys. There are many demands on the time of custodians of collections. It is no surprise, therefore, to have a low response rate. Even allowing for "Questionnaire Fatigue", it is disappointing to have such a low rate of reply compared with the response to the 1995 Survey.

The collections that did respond are to be thanked. In many cases it is clear that much work went into completing the questionnaire. A list of collections that responded is attached together with a summary by country. The Reference Number given for each collection is used to identify the collection in the results sheet for each carrier. The address list used was not comprehensive. In particular the small, but important, specialist collections in fields such as linguistics and anthropology are under-represented. It is hoped that this group of collections will, with the help of content related NGOs, appear in larger numbers in any future Survey.

3. Supplementary Questions

As with the 1995 Survey, it is clear from the replies to the supplementary questions that many institutions lack adequate technical support. Some training workshops and courses are run under the auspices of the Information Society Division but these are insufficient to meet all the demand. For many people, the answer has to lie with text guides and videos. The range of subjects covered by these is, at the moment,

not wide enough to meet all needs. They can also be difficult to find. Placing material on the Internet is a solution for many, but not all, people. The spread of computers and reliable telecommunications is not yet as wide as is often imaged by people in developed countries.

In many cases the level of technical knowledge required is not high but the difficulties of tracing the information can be daunting for someone who is overwhelmed by the day-to-day tasks of administering a collection. The UNESCO Memory of the World Programme, and in particular its Sub-Committee on Technology (SCoT), is working to provide a series of guides to various technical aspects of collection management but with, as far as possible, the technical jargon omitted. It is intended that the texts will be available on the UNESCO web-site and as UNESCO printed documents.

The subjects covered will include a guide to the methodology of digitization of various audiovisual carriers and advice about dealing with equipment obsolescence. For smaller collections it is likely that, rather than set up a transfer laboratory of their own, paying a better equipped institution or commercial company to undertake the work of transferring sounds and images to new carriers will be the most effective and economic method.

The IASA Technical Committee is also active. In September 2001, the TC published the second edition of *The Safeguarding of the Audio Heritage: Ethics, Principles and Preservation Strategy* and the TC is currently writing a guide to the practical problems of digitization for many audiovisual carriers.

4. Survey Results for Each Carrier

The results of the Survey are presented in a series of tables - one for each carrier. A text commentary is also included but readers may wish to draw their own conclusions from the figures in the tables. The 2003 Survey lists 32 types of carrier against the 21 listed in 1995.

The respondents were asked to list the carriers in three condition categories - *In Good Condition*; *Some Concerns*; and *Obviously Decaying*. The number of carriers from each collection falling into each category is listed in the tables. The total number of carriers in each condition category is given at the foot of the columns. The results are also expressed as percentages of the total number of carriers for both the individual institutions and for the carrier category as a whole. The total number of respondents possessing the particular type of carrier is given at the end of each result sheet.

Where applicable, a summary of the results of the 1995 Survey follows the 2003 results. A number of replies to the 1995 Survey did not provide quantity figures - merely a statement about the condition of the type of carrier. These have been excluded from the tables as they cannot provide a meaningful comparison with the 2003 results. An additional table comparing the results from institutions that replied to both Surveys is also included where applicable.

1. Cylinder Recordings

Cylinder Recordings were made from around 1890 to 1929 and were the earliest mass home entertainment system. Cylinders were also used to make unique recordings and were used for this purpose into the 1950s. Twenty collections reported having a total of 43965 cylinders in their collections - about 45% of the number reported in 1995. Of these, 14.7% were classed as in *Good Condition*, 58.7% as *Giving Some Concern* and 26.6% as *Obviously Decaying*.

This compares with the thirty four collections reporting details of their holdings of Cylinder Recordings in 1995. A total of 96855 cylinders were reported of which over 70% were listed as *Giving Some Concern* or *Obviously Decaying* against over 85% this year.

For the three institutions who took part in both Surveys, there has been a distinct shift in the classification of their Cylinders. In 1995, over 68% were classed in *Good Condition*. In 2003 none were classed in *Good Condition*.

2. Instantaneous (Direct Cut) Discs

There were a number of types of these discs and they are known by a variety of names including instantaneous, direct cut and acetate discs. They were used as a recording medium by broadcasters, commercial organisations, fairground booths and similar operations to record sounds before the advent of tape. Even the BBC used these discs as late as the 1970s. All are unique recordings.

Most consist of a backing disc (often of aluminium but glass, rubber and steel have also been used) coated with a material soft enough to engrave easily but hard enough to withstand being played several times. This coating was usually cellulose nitrate but other polymers were used including the cellulose acetates, hence the common name of "acetate discs".

The nitrate and acetate coatings are the same polymers as used for motion-picture film and exhibit the same chemical decay problems. As with motion picture film, the polymers shrink with the passage of time if the storage humidity is not correct. The resulting tension that builds up between the backing and the coating leads to crazing of the acetate or, in extreme cases, complete separation of the backing and the coating.

A total of 60332 discs from twenty three institutions were reported. - less than 5% of the numbers reported in 1995. Of these, less than 3% were reported as being in *Good Condition*.

In 1995, 1232118 discs were reported by thirty nine institutions. Nearly 90% of the acetate discs were reported as *Giving Some Concern* or *Obviously Decaying* against over 97% this year.

The results for the six institutions that have replied to both Surveys show a distinct move from *Giving Some Concern* to *Obviously Decaying* - from 91.8% *Giving Some Concern* to 13.2% and from 7.6% *Obviously Decaying* to 86.7%.

3. Shellac (Commercial 78s) Discs

There were several types of discs marketed from around 1890 to 1950. Because of the more convenient shape, the shellac disc swiftly supplanted the cylinder for home entertainment. A number of companies manufactured the discs and there are wide variations in the quality of the materials used and in the rotational speed of the discs. Examples of early discs can have replay speeds of between 60 and 100 rpm.

Of the 614936 discs (about 36% of the total reported in 1995) reported by forty one collections, 95% were in *Good Condition*. The equivalent figure in 1995 was 55%.

In 1995, fifty five collections reported holding a total of 1709737 discs of which nearly 45% were listed as *Giving Some Concern* or *Obviously Decaying*.

Thirteen institutions reported holding Shellac Discs in both Surveys. There is a slight shift from in *Good Condition* to *Giving Some Concern* of about 8%.

4. Vinyl Discs

These were introduced in 1948 and are just becoming obsolete - although the demise of the vinyl disc is taking much longer than expected. The category includes EP and LP (both 33 $\frac{1}{3}$ rpm) and 45rpm records.

A total of 1855120 discs were reported by fifty five collections - only 52% of the number reported in 1995. Vinyl Discs are one of the most stable carriers available and over 88% were reported as being in *Good Condition*.

In 1995, fifty eight collections reported holding a total of 3529814 discs of which over 95% were considered to be in *Good Condition*. A number of the collections reported, however, that their concern was not actually decay of the carrier but damage caused by playing the disc - groove wear, scratches etc.

Twelve institutions responded to both Surveys. A comparison of the results shows a small shift from in *Good Condition* to *Giving Some Concern* of between 1 and 2%.

5. Metal Discs

The number reported of this carrier has increased considerably since 1995. The 85 reported then has become 65189 with 65000 of the increase coming from one institution. Because this institutions collection is considered to be in *Good Condition*, the overall verdict for the carrier is the same.

A slightly different story is found when the returns from the one institution holding Metal Discs and responding to both Surveys are compared. In 1995, the Discs were classed as *Giving Some Concern* but in 2003 they are *Obviously Decaying*.

6. Acetate Tape

This was the earliest common type of magnetic tape and was in use from the 1940s to the 1960s. The base is made of cellulose di-acetate or tri-acetate. As with acetate discs it is liable to shrinkage.

A total of 77904 tapes were reported from twenty five institutions - less than 10% of the 1995 total. Since 1995 the opinion of the condition of the tapes has moved towards the *Obviously Decaying* with over 80% of the tapes categorized as not being in *Good Condition*.

In 1995, 784093 tapes were reported by thirty six collections. Nearly 60% of the tapes reported were categorized as *Giving Some Concern* or *Obviously Decaying*.

Comparing the results of the two institutions who answered both Surveys shows no alteration in the way that they categorized their unchanged collections.

7. Polyester Tape

Polyester is the commonest base material for magnetic tape. In addition to its use for 1/4" tape, polyester is used for Compact Audio Cassettes , R-DAT tapes and most computer and video tape formats. This section examines the use of polyester based tape for 1/4 inch audio tape.

A total of forty nine institutions reported holding a total of 2409948 tapes. This is a 11% increase over 1995. About half the tapes were categorized as being in *Good Condition* with 42.5% *Giving Some Concern* thus demonstrating an increase of about 25% in pessimism about the tapes.

In 1995, a total of 2161941 tapes were reported by sixty nine collections with 23% of the tapes reported to be *Giving Some Concern* or *Obviously Decaying*.

Ten institutions replied to both Surveys. Most of the collections registered a small increase in holdings with one collection registering a twelve fold increase. This one large increase may have skewed the overall move of 8% from *Obviously Decaying* to *Good Condition*.

8. PVC Tape

This is also a common type of magnetic tape but its distribution is not as wide as that of polyester tape, being reported from only sixteen institutions. A total of 87732 tapes were reported - about 7% of the 1995 results. About 75% of the tapes were classed as in *Good Condition* with less than 20% classed as *Giving Some Concern*.

In 1995, 1203235 tapes were reported by nineteen collections. From the replies, it would seem that, in 1995, PVC based tape was considered more stable than polyester with less than 2% reported as *Giving Some Concern* or *Obviously Decaying*.

Two institutions responded to both Surveys and a comparison of the results shows that while in 1995, 20% of the tapes were considered to be in *Good Condition* with the remaining 80% *Giving Some Concern*, in 2003, 100% of the tapes were classed as *Giving Some Concern*.

9. Paper Magnetic Audio Tape

The very earliest audio tapes used a paper base as the support for the magnetic coating. Although swiftly superceded by the acetate based tapes, there are some paper based tapes still held in collections.

Three institutions reported a total holding of 38 tapes compared to the 210 tapes reported by two institutions in 1995. In 1995, less than 5% of the tape were in *Good Condition* but in 2003, with a completely different group of collections, 63% were classed as being in *Good Condition*.

10. Audio Cassette

Although the compact audio cassette is not recommended for long-term storage of sounds, it is used by a number of collections because of its small size and low cost. The results, however, underline why it should not be used for archival storage.

Seventy five institutions reported holdings totalling 380202 tapes - an increase of 54% over 1995. Of these, 41% were classed as being in *Good Condition* and nearly 58% as *Giving Some Concern*.

In 1995, 245630 tapes were reported by twenty collections with nearly 23% of the holdings reported being classed as *Giving Some Concern* or *Obviously Decaying*.

Three institutions took part in both Surveys. In 1995, 60% of cassettes were listed as being in *Good Condition* with the remaining 40% listed as *Giving Some Concern*. In 2003, this changed to over 80% *Giving Some Concern* with the rest *Obviously Decaying*.

11. Analogue Audio Multitrack Cartridge Tapes

These were popular for in-car entertainment for a number of years. Two institutions reported holding a total of 180 cartridges of which 75% were considered to be in *Good Condition* with the remainder *Giving Some Concern*.

12. Analogue Audio Multitrack Tapes

Multitrack tapes are the master tapes of recording sessions in commercial music studios. They can have up to 32 parallel tracks of sound on each tape. The music on the tapes has to be re-mixed before being released to the public. Two institutions reported holding a total of 15300 multitrack tapes with over 98% of them being classed as in *Good Condition*.

13. PCM Digital Audio Recording (Pseudo Video)

In the 1980s, the only inexpensive tape recorders with the bandwidth necessary for digital sound recordings were video recorders. The PCM (Pulse Code Modulation) converters took the sound output of a studio desk, digitized it and formatted the data stream to make it look like video to the video recorder - hence the term *Pseudo Video*.

Six institutions reported holding a total of 8140 tapes as against four institutions with 26225 tapes in 1995. Nearly 77% of the tapes are considered to be in *Good Condition*; a drop of 21% from 1995.

14. R-DAT Tape

R-DAT is a helical scan digital tape system using 3.81mm wide tape in an enclosed cassette. As with the CD, the format is also used for recording computer data. R-DAT is not recommended for long-term storage by many experts because of concerns about the life of the format. There are fears that manufacturer's support for the format may be withdrawn relatively suddenly leaving collections with tapes that they cannot play. The format's low penetration into the domestic market means that the vast majority of the machines sold are for professional use. This, however, is a very small number of machines compared to the number of CD players that have been sold.

Twenty nine institutions reported holding R-DAT tapes in 2003 against ten in 1995. The total of 85202 tapes in 1995 had more than doubled in number to 198477. The opinion of the condition of the tapes changed, however, from almost 100% in *Good Condition* in 1995 to 45% in *Good Condition* in 2003.

One institution replied to both Surveys and although its holdings of R-DAT tapes increased substantially, its opinion that the tapes were in *Good Condition* remained unchanged.

15. VHS Video Cassettes

The VHS video format was the winner in the battle with the Sony Betamax format to become the home video tape of choice. It is used both by broadcasters as a recording tape for access copies and by the public for "time-shifting" television programmes. Large numbers of VHS tapes are also sold pre-recorded with feature films.

Sixty eight institutions reported a total of 218480 cassettes - a large increase on the ten institutions who reported 14750 cassettes in 1995. Nearly 70% of the cassettes were reported in *Good Condition* with most of the remainder *Giving Some Concern*.

In 1995, about 54% were considered in *Good Condition* with the remainder of 46% *Giving Some Concern*.

One institution replied to both Surveys. Its holdings nearly trebled but its concerns about the cassettes increased. In 1995, 100% were considered to be in *Good Condition* while in 2003 only 80% were in this category with the remaining 20% *Giving Some Concern*.

16. U-Matic Video Cassettes

The now obsolete U-Matic cassette format was used by many broadcasters for minor news items and other less important material. The format was also heavily used in its later days as a picture editing tool. It was far cheaper to spend time using the relatively inexpensive U-Matic format to make editing decisions rather than tie up the expensive professional 1 inch machines.

Forty one institutions reported a total of 63022 cassettes. Of these about 21% were classed as in *Good Condition*; 42% *Giving Some Concern*; and 36% *Obviously Decaying*.

17. One Inch Analogue Video Tape

This was the main professional video tape format from the 1970s to the 1990s. Almost all the tapes reported will be unique recordings. Four institutions reported a total of 36207 tapes of which about 78% were classed as in *Good Condition*; 17.5% *Giving Some Concern*; and 4% *Obviously Decaying*. It is likely, however, that the biggest danger to this group of recordings will not be the decay of the tape but the obsolescence of the video machines required to play the tapes.

18. Two Inch Analogue Video Tapes

The two inch or quadruplex video tape machines were the first rotating head tape recorders. The original task for the machines was to allow television networks in the USA to time-shift popular live programmes so that they could be transmitted at the same local time in all the time zones across the country. The machines swiftly became used to record programmes in the manner that we are familiar with today. As with most professional formats, the recordings are usually unique thus increasing the need to transfer recordings held on this now obsolete format to new carriers to preserve the material.

A total of 27134 tapes were reported from four institutions. The majority of the tapes - over 85% of the total - were considered to be in *Good Condition*.

19. Betacam SP Video Tapes

This format was developed by Sony from the domestic Betamax format for professional use. Nine institutions reported a total of 136443 tapes of which over 96% were classed as in *Good Condition*.

20. Non Professional Analogue Video Tapes (Other than VHS)

Several non-professional video tape formats were reported by one or two institutions. They have been grouped together here for convenience. Six institutions reported a total of 1289 tapes of which the majority (86%) were *Giving Some Concern*.

21. Digital Video Tapes

A number of competing digital video tape formats have been developed for the professional market in the last twenty years. Many of the returns did not specify which format was held so, as with no. 20 above, the returns have been grouped together for convenience. A total of twenty one institutions hold a total of 83833 tapes of which over 93% are classed as being in *Good Condition*.

22. Audio Compact Discs

This was the first digital recording that became popular with the public and, in other variants, is used for storing computer data and images. It has the advantage for archival collections of being a non-contact playback system - hence without mechanical wear - and being non-erasable.

Fifty two collections reported holding audio CDs. Of the 1128400 discs reported, over 95% were considered to be in *Good Condition*.

In 1995, a total of 318311 discs were reported from twenty institutions. Two collections expressed concerns about CDs but these totalled 25% of the reported holdings.

Of the four collections responding to both Surveys, all but one have increased their holdings. The overall view of the conditions of the discs shows a shift of about 20% from in *Good Condition* to *Giving Some Concern*.

23. Recordable Compact Discs

In 1995, these were still very new and no institution reported holding any. The position has changed considerably with Recordable CDs being held by forty eight institutions. A total of 193062 discs were reported with nearly 87% considered to be in *Good Condition*.

However, a note of warning must be placed here. The early CD-Rs were carefully made and expensive to buy. The reliability was high. As the manufacture and use of blank CD-Rs has rapidly increased and the price has dropped considerably, the reliability has deteriorated. The IASA Technical Committee does not recommend the use of standard CD-Rs for middle or long term preservation use. Discs made to a higher standard are available from a few manufacturers and offer greater security, but at an increased price. Even these higher standard discs should, however, be subject to a regular programme of checking changes in error rate to detect problems before they become catastrophic.

24. Video Discs

The Laser Video Disc was an early attempt to provide a format that was easier to use at home than video tape cassettes. In 1995, one institution reported holding 700 discs which were considered to be in *Good Condition*.

In 2003, twenty one institutions have reported a total of 8242 discs of which about 30% are classed as in *Good Condition* and over 63% are *Giving Some Concern*.

25. DVD Discs

This new digital format, a variant of the compact disc and aimed at the domestic market, was reported by twenty nine institutions who held a total of 13180 discs. Over 96% of the discs were classed as in *Good Condition* with only two institutions having concerns about the format.

No institutions reported holding any of the recordable version of the DVD. The IASA Technical Committee has similar concerns about the use of recordable DVDs for archival purposes as were previously expressed about Recordable Compact Discs.

26. Mini Discs

This is another variant of the compact disc and is available with pre-recorded music as well as in a recordable format. As its name implies, it is physically smaller than the CD but holds as much music. This is achieved by heavy data reduction based on psycho-acoustic principles (perceptual coding) to reduce the quantity of data stored on the disc. The recording can appear to be identical to the original when replayed but, because of the data reduction, elements of the original sound are missing. This makes it inadvisable to use the mini disc as an archival format.

Fifteen institutions reported holding a total of 8326 discs of which almost 100% were classed as being in *Good Condition*.

27. Still Photographs

Still photographs, made using a number of different processes in many different formats, are held by the

majority of sound and image collections. They range from a few ancillary items to major collections in their own right. Of all the formats holding sounds and images, still photographs are probably the most common. Yet they are frequently poorly stored and conserved.

Fifty two institutions reported holding still photographs - a total of 15,673,700 images. Of these, about 76% were classed as being in *Good Condition* with about 18% *Giving Some Concern*.

28. Movies

Moving images were, with hindsight, a logical development from still photographs. A number of names have been used for the format including movies, films, cinema features etc. since the Lumiere brothers showed their first film in Paris. Many now standard *genres* such as documentaries and travelogues were first explored using photographic movie film.

Thirty nine institutions reported holding a total of 408123 films. Of these, nearly 70% were classed as being in *Good Condition* with about 28% *Giving Some Concern*.

In 1995, there was a greater emphasis on purely sound carriers. Only four institutions reported a total of 1100 film sound tracks. These were split equally between *Good Condition* and *Giving Some Concern*. One institution responded to both Surveys. The size of collection reported increased considerably but, overall, it remained in *Good Condition*.

29. Posters

Talks with a number of institutions during the set-up period for the 2003 Survey revealed that many held collections of posters. Advertising posters were, and still are, used as a means of attracting attention to cinema films and artistic events of many types. As with still photographs, posters are frequently overlooked when considering the preservation of sounds and images.

Twenty five institutions reported a total of 298388 posters of which nearly 95% were classed as being in *Good Condition*.

30. Piano Rolls

Piano rolls were popular in the more wealthy homes of the latter half of the 19th Century for home entertainment until the cylinder and gramophone record machines replaced the player pianos.

Nine institutions reported holding 7852 piano rolls. Of these, 34% were classed as being in *Good Condition* with nearly 59% *Giving Some Concern*.

In 1995, five institutions reported holding 7800 rolls which considered to be more at risk with 64% *Obviously Decaying* and 24% *Obsolescent*. Of these, nearly 70% were classed as being in *Good Condition* with about 28% *Giving Some Concern*.

The one institutions that responded to both Surveys reported a 35% increase in its holdings but a decline in the condition of the rolls. From 90% in *Good Condition* in 1995, only 63% were so classed in 2003 with 30% *Giving Some Concerns*.

31. Wire Recordings

Wire Recording machines were an attempt to provide a means of making longer recordings in a more compact form than was possible with magnetic tape. Although not enormously popular because of the

poor quality compared with tape, the format found a niche primarily as a dictating format for business. The format was never used for mass distribution of sounds thus making every recording unique. Machines were still being manufactured in the 1960s by AGA of Sweden and the format survived until being finally killed off by the rise of the audio cassette.

Eleven institutions reported holding a total of 303216 reels of wire recordings of which almost 100% were considered to be in *Good Condition*.

In 1995, ten institutions reported 2451 rolls of which only 11½% were classed as in *Good Condition* with over 81% classed as *Obviously Decaying*.

Two institutions responded to both Surveys. There is a slight shift from 100% in *Good Condition* in 1995 to 97% in 2003.

32. Computer Data Carriers

Three institutions reported on their holdings of Computer Data Carriers - floppy discs, tapes and removable hard discs. They are included in the Survey results primarily as a harbinger of the future for many collections of sounds and images.

The 75454 carriers reported were classed as 93% in *Good Condition* with 6½% *Giving Some Concerns*.

33. Missing Formats

Several carriers that were reported in 1995 have not appeared in the returns for the 2003 Survey. These include the Philips-Miller optical sound recording system of the late 1930s, music box discs and dictating machine formats other than wire recordings. It will be interesting to see, if this Survey is repeated, whether these formats return in the future.

5. Summary

In 1995, it was stated in the Summary that "It is clear that the most endangered carriers are not necessarily the oldest." This Survey reinforces this view. From the Survey results and from practical experience, the acetate, direct cut discs are the recordings most at risk. As with some other formats, this risk is compounded by the fact that the vast majority of acetates are unique recordings.

Other at risk formats that were not used for the commercial distribution of sounds and images include acetate tapes, two inch videotape and wire recordings. The risk can be from the decay of the carrier, as in the case of acetate tape, or the obsolescence of the players as with two inch videotape and wire recordings. It is a sad fact that a carrier in good condition is still useless if a player cannot be found in working order.

The older recording formats - cylinders and 78 rpm discs - were, in the main, used for commercial releases and there is a much greater chance of duplicate copies existing. Although some 78s and cylinders are listed as obviously decaying, the copying priority must, in most cases, be given to the acetate materials. In the case of the acetate discs, substantial numbers are being irretrievably lost each year because the final stage of the decay is unpredictable and catastrophic. The tape decay is a more progressive problem and the tapes can often be restored sufficiently to permit copying.

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1 - Cylinder Recordings

Form No.	Good	Number of Items			Percentages		
		Some	Obviously	Total Of	Good	Some	Obviously
2		234		234	0,00	100,00	0,00
10		30		30	0,00	100,00	0,00
13		285		285	0,00	100,00	0,00
41	50	905	50	1005	4,98	90,05	4,98
44	240	80	80	400	60,00	20,00	20,00
49	25	15	5	45	55,56	33,33	11,11
50	45	386	120	551	8,17	70,05	21,78
55			200	200	0,00	0,00	100,00
61		360		360	0,00	100,00	0,00
59		200		200	0,00	100,00	0,00
68	600	350		950	63,16	36,84	0,00
72			1000	1000	0,00	0,00	100,00
73		6		6	0,00	100,00	0,00
92		20000	10000	30000	0,00	66,67	33,33
96		6		6	0,00	100,00	0,00
97		237		237	0,00	100,00	0,00
104	3980	369		4349	91,52	8,48	0,00
105	1500	300	50	1850	81,08	16,22	2,70
107		557		557	0,00	100,00	0,00
117		1500	200	1700	0,00	88,24	11,76
Totals	6440	25820	11705	43965	14,65	58,73	26,62

From 20 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
34	28984	13628	54243	96855	29,93	14,07	56,00

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
72	0	0	1000	1000			1000	1000
96		7		7		6		6
117	2200	0	0	2200		1500	200	1700
Totals	2200	7	1000	3207	0	1506	1200	2706
Percent	68,60	0,22	31,18		0,00	55,65	44,35	

2 - Instantaneous (Direct Cut) Discs

Form No.	Good Condition	Number of Items			Percentages		
		Some Concerns	Obviously Decaying	Total Of Items	Good Condition	Some Concerns	Obviously Decaying
10	22000			22000	100,00	0,00	0,00
40		2500		2500	0,00	100,00	0,00
41	2090	1400		3490	59,89	40,11	0,00
46		198		198	0,00	100,00	0,00
49		1400		1400	0,00	100,00	0,00
50	4	1		5	80,00	20,00	0,00
55		500		500	0,00	100,00	0,00
61			1400	1400	0,00	0,00	100,00
68	500	6000	3500	10000	5,00	60,00	35,00
72			8500	8500	0,00	0,00	100,00
73		1000	100	1100	0,00	90,91	9,09
75		138		138	0,00	100,00	0,00
77		8550	450	9000	0,00	95,00	5,00

Survey of Endangered Audiovisual Carriers

86		1000		1000	0,00	100,00	0,00
89	7	8	135	150	4,67	5,33	90,00
90	1200			1200	100,00	0,00	0,00
102			5000	5000	0,00	0,00	100,00
104		369		369	0,00	100,00	0,00
107		1800		1800	0,00	100,00	0,00
110		150	50	200	0,00	75,00	25,00
114			18150	18150	0,00	0,00	100,00
115		22		22	0,00	100,00	0,00
117			200	200	0,00	0,00	100,00

Totals 1711 21136 37485 60332 2,84 35,03 62,13
From 23 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
39	133345	263798	834975	1232118	10,82	21,41	67,77

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
46	100	10	0	110		198		198
72	0	0	8500	8500			8500	8500
75	136	2	0	138		138		138
86	0	100000	0	100000		1000		1000
89	0	3000	0	3000	7	8	135	150
117	500	0	0	500			200	200
Totals	736	103012	8500	112248	7	1344	8835	10186
Percent	0,66	91,77	7,57		0,07	13,19	86,74	

3 - Shellac Discs

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
10	15000			15000	100,00	0,00	0,00
33		100		100	0,00	100,00	0,00
38	3800	500		4300	88,37	11,63	0,00
39	70000			70000	100,00	0,00	0,00
40		4000		4000	0,00	100,00	0,00
41	360	40		400	90,00	10,00	0,00
44	126000	36000	18000	180000	70,00	20,00	10,00
45		30		30	0,00	100,00	0,00
46	105			105	100,00	0,00	0,00
49		560		560	0,00	100,00	0,00

Survey of Endangered Audiovisual Carriers

50	1115	30	50	1195	93,31	2,51	4,18
52	24000		1000	25000	96,00	0,00	4,00
54		200		200	0,00	100,00	0,00
55	10000			10000	100,00	0,00	0,00
58	1140		490	1630	69,94	0,00	30,06
59		50		50	0,00	100,00	0,00
61		91000		91000	0,00	100,00	0,00
62		2000		2000	0,00	100,00	0,00
68	12000	260	70	12330	97,32	2,11	0,57
72		70000		70000	0,00	100,00	0,00
73		290		290	0,00	100,00	0,00
75	82			82	100,00	0,00	0,00
76	112			112	100,00	0,00	0,00
77	450000			450000	100,00	0,00	0,00
85	300			300	100,00	0,00	0,00
86		20000		20000	0,00	100,00	0,00
89	400			400	100,00	0,00	0,00
92		2245		2245	0,00	100,00	0,00
96	7000			7000	100,00	0,00	0,00
97		4000		4000	0,00	100,00	0,00
98		25		25	0,00	100,00	0,00
102	20000			20000	100,00	0,00	0,00
103	20			20	100,00	0,00	0,00
104	667			667	100,00	0,00	0,00
105	700	500	100	1300	53,85	38,46	7,69
107	49000	3500		52500	93,33	6,67	0,00
108	1			1	100,00	0,00	0,00
110	5000			5000	100,00	0,00	0,00
114	36150			36150	100,00	0,00	0,00
115	102	31		133	76,69	23,31	0,00
117	15000			15000	100,00	0,00	0,00
Totals	584534	30301	100	614935	95,06	4,93	0,02

From 41 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
55	942586	753984	13167	1709737	55,13	44,10	0,77

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
38	3200	520	50	3770	3800	500		4300
39	55000			55000	70000			70000
45	50			50		30		30
46	50			50	105			105
50	579	100		679	1115	30	50	1195
54	100			100		200		200
72		70000		70000		70000		70000
75	96			96	82			82
85	100	25		125	300			300
86		20000		20000		20000		20000

Survey of Endangered Audiovisual Carriers

89	1000			1000	400			400
96	7000			7000	7000			7000
117	66500			66500	15000			15000
Totals	133675	90645	50	224370	97802	90760	50	188612
Percent	59,58	40,40	0,02		51,85	48,12	0,03	

4 - Vinyl Discs

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2	2400			2400	100,00	0,00	0,00
4		10		10	0,00	100,00	0,00
5	163			163	100,00	0,00	0,00
13	293	37	50	380	77,11	9,74	13,16
20			1	1	0,00	0,00	100,00
22	50			50	100,00	0,00	0,00
24	180	20		200	90,00	10,00	0,00
25	15			15	100,00	0,00	0,00
29	335			335	100,00	0,00	0,00
30	560			560	100,00	0,00	0,00
31	28			28	100,00	0,00	0,00
32	12			12	100,00	0,00	0,00
33		50		50	0,00	100,00	0,00
35	180	60		240	75,00	25,00	0,00
38	1500			1500	100,00	0,00	0,00
39	30000			30000	100,00	0,00	0,00
40	50000			50000	100,00	0,00	0,00
41	900			900	100,00	0,00	0,00
44	240405	26712		267117	90,00	10,00	0,00
45	3420			3420	100,00	0,00	0,00
46	11			11	100,00	0,00	0,00
49		330		330	0,00	100,00	0,00
50	67135		100	67235	99,85	0,00	0,15
54	5500			5500	100,00	0,00	0,00
55	5000			5000	100,00	0,00	0,00
56		800		800	0,00	100,00	0,00
58	28000	12000		40000	70,00	30,00	0,00
59		11		11	0,00	100,00	0,00
61	76000			76000	100,00	0,00	0,00
62	50000			50000	100,00	0,00	0,00
68	93000		3	93003	100,00	0,00	0,00
72		70000		70000	0,00	100,00	0,00
73	1500	400		1900	78,95	21,05	0,00
75	5760	640		6400	90,00	10,00	0,00
76	560			560	100,00	0,00	0,00
77	320000			320000	100,00	0,00	0,00
79	1800	300		2100	85,71	14,29	0,00
85	1000			1000	100,00	0,00	0,00
86		100000		100000	0,00	100,00	0,00
89	4750			4750	100,00	0,00	0,00
96	43000			43000	100,00	0,00	0,00
97	2500			2500	100,00	0,00	0,00
101	480			480	100,00	0,00	0,00
102	200000	1000		201000	99,50	0,50	0,00
104	3313			3313	100,00	0,00	0,00
105	900	700		1600	56,25	43,75	0,00
107	55000			55000	100,00	0,00	0,00

Survey of Endangered Audiovisual Carriers

108	6		6	100,00	0,00	0,00
109		400	400	0,00	100,00	0,00
110	17000		17000	100,00	0,00	0,00
113	10000	1000	11000	90,91	9,09	0,00
114	290850		290850	100,00	0,00	0,00

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
115	890			890	100,00	0,00	0,00
117	8000			8000	100,00	0,00	0,00
118	18100			18100	100,00		
Totals	1640496	214470	154	1855120	88,43	11,56	0,01

From 55 replies

1995 Total Results

No. of Forms	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
58	3370364	156450	3000	3529814	95,48	4,43	0,08

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
39	13000			13000	30000			30000
45	2888		0	2888	3420			3420
46	20			20	11			11
50	10000	20000	0	30000	67135		100	67235
54	4500		0	4500	5500			5500
72	0	70000	0	70000	0	70000		70000
75	7986			7986	5760	640		6400
85	300		0	300	1000			1000
86	100000		0	100000	0			0
89	500		0	500	0			0
96	43000		0	43000	43000			43000
117	47500		0	47500	8000			8000
Totals	229694	90000	0	319694	163826	70640	100	234566
Percent	71,85	28,15	0,00		69,84	30,12	0,04	

5 - Metal Discs

Form No.	Number of Items			Total of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
44	39			39	100,00	0,00	0,00
46			18	18	0,00	0,00	100,00
58		132		132	0,00	100,00	0,00
107	65000			65000	100,00	0,00	0,00
Totals	65039	132	18	65189	99,77	0,20	0,03

From 4 replies

Survey of Endangered Audiovisual Carriers

1995 Total Results

No. of Forms	Good Condition	Number of Items			Total Of Items	Percentages		
		Some Concerns	Obviously Decaying	Good Condition		Some Concerns	Obviously Decaying	
2	50	30	5	85	58,82	35,29	5,88	

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
46		30		30			18	18
Totals	0	30	0	30	0	0	18	18
Percent	0,00	100,00	0,00		0,00	0,00	100,00	

6 - Acetate Tape

Form No.	Good Condition	Number of Items			Total Of Items	Percentages		
		Some Concerns	Obviously Decaying	Good Condition		Some Concerns	Obviously Decaying	
17		750	400	1150	0,00	65,22	34,78	
22		50		50	0,00	100,00	0,00	
24	50	50		100	50,00	50,00	0,00	
38	6			6	100,00	0,00	0,00	
44	2400	300	300	3000	80,00	10,00	10,00	
45		500		500	0,00	100,00	0,00	
49		3		3	0,00	100,00	0,00	
55		1000		1000	0,00	100,00	0,00	
58		36	84	120	0,00	30,00	70,00	
61		400		400	0,00	100,00	0,00	
63	5000	4000		9000	55,56	44,44	0,00	
66	1535			1535	100,00	0,00	0,00	
68	300	100	50	450	66,67	22,22	11,11	
72			7500	7500	0,00	0,00	100,00	
75		2913		2913	0,00	100,00	0,00	
77	500			500	100,00	0,00	0,00	
86		5000		5000	0,00	100,00	0,00	
89	12	36	12	60	20,00	60,00	20,00	
92		7112		7112	0,00	100,00	0,00	
93	5			5	100,00	0,00	0,00	
99		1000	200	1200	0,00	83,33	16,67	
102	5000	5000	4000	14000	35,71	35,71	28,57	
108	300			300	100,00	0,00	0,00	
110		2000		2000	0,00	100,00	0,00	
114			20000	20000	0,00	0,00	100,00	
Totals	15108	30250	32546	77904	19,39	38,83	41,78	

From 25 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items			Total Of Items	Percentages		
		Some Concerns	Obviously Decaying	Good Condition		Some Concerns	Obviously Decaying	
36	314576	421685	47832	784093	40,12	53,78	6,10	

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals

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	72		7500	7500		7500	7500
	86		5000	5000		5000	5000
Totals	0	5000	7500	12500	0	5000	7500
Percent	0,00	40,00	60,00		0,00	40,00	60,00

7 - Polyester Tape

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2		5000		5000	0,00	100,00	0,00
5		7068		7068	0,00	100,00	0,00
11	8750		450	9200	95,11	0,00	4,89
25	1600			1600	100,00	0,00	0,00
31	300			300	100,00	0,00	0,00
33		10		10	0,00	100,00	0,00
37	80			80	100,00	0,00	0,00
39	39900	2100		42000	95,00	5,00	0,00
40	100000			100000	100,00	0,00	0,00
41	9450	1050		10500	90,00	10,00	0,00
44	2400	300	300	3000	80,00	10,00	10,00
45		550		550	0,00	100,00	0,00
46	6447	320		6767	95,27	4,73	0,00
49	4950	50		5000	99,00	1,00	0,00
50	243			243	100,00	0,00	0,00
52		213000		213000	0,00	100,00	0,00
54	2700	300		3000	90,00	10,00	0,00
55		40000		40000	0,00	100,00	0,00
57	80000	30000	10000	120000	66,67	25,00	8,33
58	700		300	1000	70,00	0,00	30,00
61		3600		3600	0,00	100,00	0,00
63	16000	4000		20000	80,00	20,00	0,00
64	1200			1200	100,00	0,00	0,00
66	8750		3000	11750	74,47	0,00	25,53
68	10000	5000	5000	20000	50,00	25,00	25,00
72			18000	18000	0,00	0,00	100,00
73	15000	1500		16500	90,91	9,09	0,00
74		666		666	0,00	100,00	0,00
77	7000			7000	100,00	0,00	0,00
83	400			400	100,00	0,00	0,00
84			80	80	0,00	0,00	100,00
85		1500		1500	0,00	100,00	0,00
86		5000		5000	0,00	100,00	0,00
89	1175	145	150	1470	79,93	9,86	10,20
92		6000		6000	0,00	100,00	0,00
93	500			500	100,00	0,00	0,00
96	400			400	100,00	0,00	0,00
99	22000	22800	6000	50800	43,31	44,88	11,81
101	110			110	100,00	0,00	0,00
102	175000	40000	3000	218000	80,28	18,35	1,38
104	12854	300		13154	97,72	2,28	0,00
105	21000	19000		40000	52,50	47,50	0,00
107	50000			50000	100,00	0,00	0,00
108	400			400	100,00	0,00	0,00
110		18000		18000	0,00	100,00	0,00
112	75	25		100	75,00	25,00	0,00
114	160000			160000	100,00	0,00	0,00
117		600000	136000	736000	0,00	81,52	18,48
118	441000			441000	100,00	0,00	0,00
Totals	1200384	1027284	182280	2409948	49,81	42,63	7,56

From 49 replies

No. of Forms	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying

Survey of Endangered Audiovisual Carriers

69 1663408 460093 38440 2161941 76,94 21,28 1,78

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
39	20000			20000	39900	2100		42000
46	4000	50		4050	6447	320		6767
50	130			130	243			243
54	1200	100		1300	2700	300		3000
72			18500	18500			18000	18000
85	1500			1500		1500		1500
86		5000		5000		5000		5000
89	1000			1000	1175	145	150	1470
96	400			400	400			400
117		60000		60000		600000	136000	736000
Totals	28230	65150	18500	111880	50865	609365	154150	814380
Percent	25,23	58,23	16,54		6,25	74,83	18,93	

8 - PVC Tape

Form No.	Number of Items				Percentages		
	Good Condition	Some Concerns	Obviously Decaying	Total Of Items	Good Condition	Some Concerns	Obviously Decaying
13	32			32	100,00	0,00	0,00
33		40		40	0,00	100,00	0,00
44	2400	300	300	3000	80,00	10,00	10,00
45		500		500	0,00	100,00	0,00
46	130			130	100,00	0,00	0,00
64		400		400	0,00	100,00	0,00
77	500			500	100,00	0,00	0,00
86		5000		5000	0,00	100,00	0,00
97		3730		3730	0,00	100,00	0,00
99	2500			2500	100,00	0,00	0,00
102	20000	5000	3000	28000	71,43	17,86	10,71
105	3500	2000	100	5600	62,50	35,71	1,79
108	300			300	100,00	0,00	0,00
111	8000			8000	100,00	0,00	0,00
114	20000			20000	100,00	0,00	0,00
118	9800		200	10000	98,00	0,00	2,00
Totals	67162	16970	3600	87732	76,55	19,34	4,10

From 16 replies

Survey of Endangered Audiovisual Carriers

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
19	1182635	18600	2000	1203235	98,29	1,55	0,17

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
45	1265			1265		500		500
86		5000		5000		5000		5000
Totals	1265	5000	0	6265	0	5500	0	5500
Percent	20,19	79,81	0,00		0,00	100,00	0,00	

9 - Paper Magnetic Audio Tape

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
46		10		10	0,00	100,00	0,00
49	24	2		26	92,31	7,69	0,00
99			2	2	0,00	0,00	100,00
Totals	24	12	2	38	63,16	31,58	5,26

From 3 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2	10	200	0	210	4,76	95,24	0,00

10 - Audio Cassette Tapes

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
1		100		100	0,00	100,00	0,00
2		11000		11000	0,00	100,00	0,00
3	659			659	100,00	0,00	0,00
4		570		570	0,00	100,00	0,00
5	778			778	100,00	0,00	0,00
6		255		255	0,00	100,00	0,00
11	900		100	1000	90,00	0,00	10,00
13		344		344	0,00	100,00	0,00
14		2		2	0,00	100,00	0,00
17	10			10	100,00	0,00	0,00
19	10000			10000	100,00	0,00	0,00
22	400			400	100,00	0,00	0,00
24	80	20		100	80,00	20,00	0,00
25		150		150	0,00	100,00	0,00
30	1207			1207	100,00	0,00	0,00
32		50		50	0,00	100,00	0,00
33			320	320	0,00	0,00	100,00
35	150			150	100,00	0,00	0,00

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37	50		50	100,00	0,00	0,00
39	35150	1950	37100	94,74	5,26	0,00
40	20000	20000	40000	50,00	50,00	0,00
41	1200	100	1300	92,31	7,69	0,00
42		3856	3856	0,00	100,00	0,00
44	15500	3900	19400	79,90	20,10	0,00
45	4055		4055	100,00	0,00	0,00
46	2520	50	2570	98,05	1,95	0,00
49	600		600	100,00	0,00	0,00
50	2549		2549	100,00	0,00	0,00
52		500	500	0,00	100,00	0,00
54		600	600	0,00	100,00	0,00
55	7000		7000	100,00	0,00	0,00
56		1600	1600	0,00	100,00	0,00
58	3240	2160	5400	60,00	40,00	0,00
60		100	100	0,00	100,00	0,00
61		7569	7569	0,00	100,00	0,00
62		500	500	0,00	100,00	0,00
63	500		500	100,00	0,00	0,00
64		5000	5000	0,00	100,00	0,00
65	732		732	100,00	0,00	0,00
68	6000	300	6300	95,24	4,76	0,00
72		4000	4000	0,00	100,00	0,00
73	15000	2100	17100	87,72	12,28	0,00
74		1165	1165	0,00	100,00	0,00
75	1839	1840	3679	49,99	50,01	0,00
76	40		40	100,00	0,00	0,00
77		90000	90000	0,00	100,00	0,00
79	1250	400	1650	75,76	24,24	0,00
81	160		160	100,00	0,00	0,00
82	4		4	100,00	0,00	0,00
83	2		2	100,00	0,00	0,00
84	120	130	250	48,00	52,00	0,00
85		1700	1700	0,00	100,00	0,00

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
86	1000			1000	100,00	0,00	0,00
89	1485	185	185	1855	80,05	9,97	9,97
90	1000			1000	100,00	0,00	0,00
92		1300		1300	0,00	100,00	0,00
93	29			29	100,00	0,00	0,00
94		18		18	0,00	100,00	0,00
97	1500	410		1910	78,53	21,47	0,00
98		1060		1060	0,00	100,00	0,00
99		11650	185	11835	0,00	98,44	1,56
101	150			150	100,00	0,00	0,00
102		10000		10000	0,00	100,00	0,00
104	782			782	100,00	0,00	0,00
105	200	180		380	52,63	47,37	0,00
107	2800			2800	100,00	0,00	0,00
108	3400			3400	100,00	0,00	0,00
109		400		400	0,00	100,00	0,00
110	3000			3000	100,00	0,00	0,00
111	4000			4000	100,00	0,00	0,00
113	612			612	100,00	0,00	0,00
114		15000		15000	0,00	100,00	0,00
115	1100	2200	45	3345	32,88	65,77	1,35
117		15000	4000	19000	0,00	78,95	21,05
118	3200			3200	100,00	0,00	0,00
Totals	155953	219414	4835	380202	41,02	57,71	1,27

From 75 replies

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1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
20	189305	55825	500	245630	77,07	22,73	0,20

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
45	2037			2037	4055			4055
72		4000		4000		4000		4000
117	6000			6000		15000	4000	19000
Totals	6000	4000	0	10000	0	19000	4000	23000
Percent	60,00	40,00	0,00		0,00	82,61	17,39	

11 - Analogue Audio Multitrack Cartridge Tapes (4 and 8 track)

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
5	135			135	100,00	0,00	
44		45		45	0,00	100,00	
Totals	135	45	0	180	75,00	25,00	

From 2 replies.

12 - Analogue Audio Multitrack Tape (1 and 2 inch tapes)

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
68		300		300	0,00	100,00	0,00
105	15000			15000	100,00	0,00	0,00
Totals	15000	300	0	15300	98,04	1,96	0,00

From 2 replies.

13 - PCM Digital Audio Recording (Pseudo Video)

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
55	5000			5000	100,00	0,00	0,00
66		270		270	0,00	100,00	0,00
68		230		230	0,00	100,00	0,00
84	260	80		340	76,47	23,53	0,00
85		300		300	0,00	100,00	0,00
105	1000		1000	2000	50,00	0,00	50,00
Totals	6260	880	1000	8140	76,90	10,81	12,29

From 6 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
4	25725	500	0	26225	98,09	1,91	0,00

Survey of Endangered Audiovisual Carriers

14 - R-DAT Digital Audio Tapes

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
29	14			14	100,00	0,00	0,00
33	113			113	100,00	0,00	0,00
35	200			200	100,00	0,00	0,00
39	2000			2000	100,00	0,00	0,00
40	2500			2500	100,00	0,00	0,00
41	75			75	100,00	0,00	0,00
46	92			92	100,00	0,00	0,00
50	118			118	100,00	0,00	0,00
52	40000			40000	100,00	0,00	0,00
54	2000			2000	100,00	0,00	0,00
55	2000			2000	100,00	0,00	0,00
61	2489			2489	100,00	0,00	0,00
64		100		100	0,00	100,00	0,00
66		100		100	0,00	100,00	0,00
68	1400	75		1475	94,92	5,08	0,00
75	2800			2800	100,00	0,00	0,00
76	3220			3220	100,00	0,00	0,00
77		1		1	0,00	100,00	0,00
89	100			100	100,00	0,00	0,00
92	700			700	100,00	0,00	0,00
99	3115			3115	100,00	0,00	0,00
101	500			500	100,00	0,00	0,00
102		30000		30000	0,00	100,00	0,00
104	65			65	100,00	0,00	0,00
105	12000	10000		22000	54,55	45,45	0,00
107	2000			2000	100,00	0,00	0,00
114		15000		15000	0,00	100,00	0,00
117			53100	53100	0,00	0,00	100,00
118	12600			12600	100,00	0,00	0,00
Totals	90101	55276	53100	198477	45,40	27,85	26,75

From 29 replies

1995 Total Results

No. of Forms	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
10	84502	700	0	85202	99,18	0,82	0,00

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
39	650			650	2000			2000
Totals	650	0	0	650	2000	0	0	2000
Percent	100,00	0,00	0,00		100,00	0,00	0,00	

15 - VHS Video Cassette

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
1		10		10	0,00	100,00	0,00
2	4700			4700	100,00	0,00	0,00
3	311			311	100,00	0,00	0,00
4	100			100	100,00	0,00	0,00

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5	1257			1257	100,00	0,00	0,00
6		70		70	0,00	100,00	0,00
11		2000		2000	0,00	100,00	0,00
13	2007	970		2977	67,42	32,58	0,00
14	7			7	100,00	0,00	0,00
19		7500		7500	0,00	100,00	0,00
20	400			400	100,00	0,00	0,00
22	800			800	100,00	0,00	0,00
24	350	150		500	70,00	30,00	0,00
25		17		17	0,00	100,00	0,00
30	80			80	100,00	0,00	0,00
31		100		100	0,00	100,00	0,00
32		100	100	200	0,00	50,00	50,00
33	150	150	150	450	33,33	33,33	33,33
35	300	100	100	500	60,00	20,00	20,00
37	100			100	100,00	0,00	0,00
39	7200	800		8000	90,00	10,00	0,00
41	380			380	100,00	0,00	0,00
42	144			144	100,00	0,00	0,00
44	1150	288		1438	79,97	20,03	0,00
45	4500	2420		6920	65,03	34,97	0,00
46	2832			2832	100,00	0,00	0,00
49	90			90	100,00	0,00	0,00
50	152			152	100,00	0,00	0,00
54		800		800	0,00	100,00	0,00
56	11000			11000	100,00	0,00	0,00
58	640	160		800	80,00	20,00	0,00
60		5278		5278	0,00	100,00	0,00
61	1044			1044	100,00	0,00	0,00
62	300			300	100,00	0,00	0,00
68	300	1200		1500	20,00	80,00	0,00
73		816		816	0,00	100,00	0,00
74		330		330	0,00	100,00	0,00
75	260	260		520	50,00	50,00	0,00
76	150			150	100,00	0,00	0,00
77	72000	8000		80000	90,00	10,00	0,00
79	1000	300		1300	76,92	23,08	0,00
81	15			15	100,00	0,00	0,00
82	2			2	100,00	0,00	0,00
83	3			3	100,00	0,00	0,00
85		100		100	0,00	100,00	0,00
86	100			100	100,00	0,00	0,00
89	145	15		160	90,63	9,38	0,00
90	1050			1050	100,00	0,00	0,00
92	800			800	100,00	0,00	0,00
93	201			201	100,00	0,00	0,00
94		12		12	0,00	100,00	0,00
97	6000	700		6700	89,55	10,45	0,00

15 - VHS Video Cassette

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
98		525		525	0,00	100,00	0,00
99		75		75	0,00	100,00	0,00
100	12			12	100,00	0,00	0,00
101	15			15	100,00	0,00	0,00
103		1994		1994	0,00	100,00	0,00
104	740	100		840	88,10	11,90	0,00
105	11000	10000		21000	52,38	47,62	0,00
108	400	100		500	80,00	20,00	0,00
109	1500			1500	100,00	0,00	0,00
110	500			500	100,00	0,00	0,00
111	50			50	100,00	0,00	0,00
113		200		200	0,00	100,00	0,00

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114		3000		3000	0,00	100,00	0,00
115	503			503	100,00	0,00	0,00
117		14000	2750	16750	0,00	83,58	16,42
118	16000			16000	100,00	0,00	0,00
Totals	152740	62640	3100	218480	69,91	28,67	1,42

From 68 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items			Percentages		
		Some Concerns	Obviously Decaying	Total Of Items	Good Condition	Some Concerns	Obviously Decaying
10	7930	6800	20	14750	53,76	46,10	0,14

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Good Condition	Number of Items - 1995			Totals	Good Condition	Number of Items - 2003		Totals
		Some Concerns	Obviously Decaying	Some Concerns			Obviously Decaying		
39	3000			3000	7200	800		8000	
Totals	3000	0	0	3000	7200	800	0	8000	
Percent	100,00	0,00	0,00		90,00	10,00	0,00		

16 - U-Matic Video Cassette

Form No.	Good Condition	Number of Items			Total Of Items	Percentages		
		Some Concerns	Obviously Decaying	Some Concerns		Obviously Decaying		
2			6000	6000	0,00	0,00	100,00	
5	1574			1574	100,00	0,00	0,00	
11		1100		1100	0,00	100,00	0,00	
13	664		191	855	77,66	0,00	22,34	
19			6650	6650	0,00	0,00	100,00	
20	50			50	100,00	0,00	0,00	
24	200			200	100,00	0,00	0,00	
31		100		100	0,00	100,00	0,00	
35		725	725	1450	0,00	50,00	50,00	
39	1000			1000	100,00	0,00	0,00	
40	800			800	100,00	0,00	0,00	
41	100			100	100,00	0,00	0,00	
46		150	41	191	0,00	78,53	21,47	
50	1			1	100,00	0,00	0,00	
52	200			200	100,00	0,00	0,00	
54		200		200	0,00	100,00	0,00	
56	1000			1000	100,00	0,00	0,00	
60			20	20	0,00	0,00	100,00	
68		4400	100	4500	0,00	97,78	2,22	
73		1000	250	1250	0,00	80,00	20,00	
76	15			15	100,00	0,00	0,00	
77		5500		5500	0,00	100,00	0,00	
79	270	40		310	87,10	12,90	0,00	
85		100		100	0,00	100,00	0,00	
86		5000		5000	0,00	100,00	0,00	
89		26	1	27	0,00	96,30	3,70	
92	17			17	100,00	0,00	0,00	
94		3		3	0,00	100,00	0,00	
97		1250	250	1500	0,00	83,33	16,67	
98		125		125	0,00	100,00	0,00	
99		35		35	0,00	100,00	0,00	
100		40		40	0,00	100,00	0,00	
103		2402		2402	0,00	100,00	0,00	
105	6500	3000	3000	12500	52,00	24,00	24,00	
108	1000	400		1400	71,43	28,57	0,00	

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109			800	800	0,00	0,00	100,00
110		200		200	0,00	100,00	0,00
113		5		5	0,00	100,00	0,00
115	52			52	100,00	0,00	0,00
117			4950	4950	0,00	0,00	100,00
118		800		800	0,00	100,00	0,00
Totals	13443	26601	22978	63022	21,33	42,21	36,46

From 41 replies.

17 - One Inch Analogue Video Tape

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
68	2000	6000		8000	25,00	75,00	0,00
73		337		337	0,00	100,00	0,00
79			70	70	0,00	0,00	100,00
118	26300		1500	27800	94,60	0,00	5,40
Totals	28300	6337	1570	36207	78,16	17,50	4,34

From 4 replies.

18 - Two Inch Analogue Video Tape

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
68	3200	200	3600	7000	45,71	2,86	51,43
73		27		27	0,00	100,00	0,00
79			7	7	0,00	0,00	100,00
105	20000		100	20100	99,50	0,00	0,50
Totals	23200	227	3707	27134	85,50	0,84	13,66

From 4 replies.

19 - Betacam SP Video Tape

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
11		100		100	0,00	100,00	0,00
24	100			100	100,00	0,00	0,00
32	2500			2500	100,00	0,00	0,00
46	320			320	100,00	0,00	0,00
68	1300	2400	1300	5000	26,00	48,00	26,00
73	160			160	100,00	0,00	0,00
86		1500		1500	0,00	100,00	0,00
103	1763			1763	100,00	0,00	0,00
118	125000			125000	100,00	0,00	0,00
Totals	131143	4000	1300	136443	96,12	2,93	0,95

From 9 replies.

20 - Non-Professional Analogue Video Tapes (Other than VHS)

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
46			116	116	0,00	0,00	100,00
50	9			9	100,00	0,00	0,00
54		20		20	0,00	100,00	0,00
73		194		194	0,00	100,00	0,00

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77		900		900	0,00	100,00	0,00
79			50	50	0,00	0,00	100,00
Totals	9	1114	166	1289	0,70	86,42	12,88

From 6 replies.

21 - Digital Video Tape

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
35	5850		500	6350,00	92,13	7,87	0,00
39	1000			1000	100,00	0,00	0,00
40	15000			15000	100,00	0,00	0,00
45	1010			1010	100,00	0,00	0,00
58	32			32	100,00	0,00	0,00
60	90			90	100,00	0,00	0,00
68		150		150	0,00	100,00	0,00
75	375			375	100,00	0,00	0,00
77	1000			1000	100,00	0,00	0,00
79	118			118	100,00	0,00	0,00
86	200			200	100,00	0,00	0,00
89	240			240	100,00	0,00	0,00
92	27			27	100,00	0,00	0,00
99		12		12	0,00	100,00	0,00
102		1000		1000	0,00	100,00	0,00
103	29			29	100,00	0,00	0,00
105	4300	4000		8300	51,81	48,19	0,00
107	3000			3000	100,00	0,00	0,00
110	200			200	100,00	0,00	0,00
114	100			100	100,00	0,00	0,00
118	45600			45600	100,00	0,00	0,00
Totals	78171	5662	0	83833	93,25	6,75	0,00

From 21 replies.

22 - Audio CDs

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
12	22			22	100,00	0,00	0,00
14	12			12	100,00	0,00	0,00
21	20			20	100,00	0,00	0,00
30	124			124	100,00	0,00	0,00
32	150	50		200	75,00	25,00	0,00
33		105		105	0,00	100,00	0,00
35	410			410	100,00	0,00	0,00
38	15			15	100,00	0,00	0,00
39	38200	800		39000	97,95	2,05	0,00
40	64000			64000	100,00	0,00	0,00
41	190			190	100,00	0,00	0,00
44	28750		290	29040	99,00	0,00	1,00
45	3740			3740	100,00	0,00	0,00
46	10			10	100,00	0,00	0,00
49	400			400	100,00	0,00	0,00
50	5525			5525	100,00	0,00	0,00
54	7000			7000	100,00	0,00	0,00
55	500			500	100,00	0,00	0,00
56	200			200	100,00	0,00	0,00
58	12000			12000	100,00	0,00	0,00
59	10			10	100,00	0,00	0,00
60	44			44	100,00	0,00	0,00
61	15288			15288	100,00	0,00	0,00
62	25000			25000	100,00	0,00	0,00
68	10200			10200	100,00	0,00	0,00
72		5000		5000	0,00	100,00	0,00

Survey of Endangered Audiovisual Carriers

75	6075	1620	405	8100	75,00	20,00	5,00
76	1190			1190	100,00	0,00	0,00
77	250000			250000	100,00	0,00	0,00
79	685			685	100,00	0,00	0,00
84	210			210	100,00	0,00	0,00
85	5			5	100,00	0,00	0,00
86	1000			1000	100,00	0,00	0,00
89	10			10	100,00	0,00	0,00
92	1700			1700	100,00	0,00	0,00
96	22416			22416	100,00	0,00	0,00
97	1248			1248	100,00	0,00	0,00
99	1100			1100	100,00	0,00	0,00
101	1030			1030	100,00	0,00	0,00
102	150000	1000		151000	99,34	0,66	0,00
104	63			63	100,00	0,00	0,00
105	23000	23000		46000	50,00	50,00	0,00
107	3500			3500	100,00	0,00	0,00
108	30			30	100,00	0,00	0,00
109	1500			1500	100,00	0,00	0,00
110	2000			2000	100,00	0,00	0,00
113	8			8	100,00	0,00	0,00
114	150000			150000	100,00	0,00	0,00
115	110			110	100,00	0,00	0,00

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
117		20140		20140	0,00	100,00	0,00
118	247300			247300	100,00	0,00	0,00
Totals	1075990	51715	695	1128400	95,36	4,58	0,06

From 52 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
20	238311	80000	500	318811	74,75	25,09	0,16

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Good Condition	Number of Items - 1995			Totals	Number of Items - 2003			Totals
		Some Concerns	Obviously Decaying	Totals		Good Condition	Some Concerns	Obviously Decaying	
39	13000			13000	38200	800		39000	
45	1140			1140	3740			3740	
72		5000		5000		5000		5000	
117	7000			7000		20140		20140	
Totals	21140	5000	0	26140	41940	25940	0	67880	
Percent	80,87	19,13	0,00		61,79	38,21	0,00		

23 - Recordable CDs

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2	20			20	100,00	0,00	0,00
5	65			65	100,00	0,00	0,00
6	210			210	100,00	0,00	0,00
11	50			50	100,00	0,00	0,00
14	1			1	100,00	0,00	0,00
20	1			1	100,00	0,00	0,00

Survey of Endangered Audiovisual Carriers

21	10			10	100,00	0,00	0,00
22	40			40	100,00	0,00	0,00
25	10			10	100,00	0,00	0,00
29	93			93	100,00	0,00	0,00
32	50			50	100,00	0,00	0,00
33		45		45	0,00	100,00	0,00
35	260			260	100,00	0,00	0,00
40	60000			60000	100,00	0,00	0,00
41	48			48	100,00	0,00	0,00
44	1500			1500	100,00	0,00	0,00
45	250			250	100,00	0,00	0,00
46	300			300	100,00	0,00	0,00
49	3500			3500	100,00	0,00	0,00
50	182			182	100,00	0,00	0,00
52	13000			13000	100,00	0,00	0,00
54	2000			2000	100,00	0,00	0,00
55	500			500	100,00	0,00	0,00
57	50000			50000	100,00	0,00	0,00
59	200			200	100,00	0,00	0,00
60	686			686	100,00	0,00	0,00
61	1248			1248	100,00	0,00	0,00
64	860			860	100,00	0,00	0,00
65	24			24	100,00	0,00	0,00
68	700	70		770	90,91	9,09	0,00
73	2000			2000	100,00	0,00	0,00
75	470			470	100,00	0,00	0,00
77	5000	5000	5000	15000	33,33	33,33	33,33
81	256			256	100,00	0,00	0,00
85	5			5	100,00	0,00	0,00
86	100			100	100,00	0,00	0,00
89	10			10	100,00	0,00	0,00
93	2			2	100,00	0,00	0,00
97	961			961	100,00	0,00	0,00
99	13271			13271	100,00	0,00	0,00
101	50			50	100,00	0,00	0,00
107	2000			2000	100,00	0,00	0,00
108	40			40	100,00	0,00	0,00
110	800			800	100,00	0,00	0,00
114		14000	1000	15000	0,00	93,33	6,67
115	214			214	100,00	0,00	0,00
117		100		100	0,00	100,00	0,00
118	6860			6860	100,00	0,00	0,00
Totals	167847	19215	6000	193062	86,94	9,95	3,11

From 48 replies.

24 - Video Discs

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2	4			4	100,00	0,00	0,00
3	50			50	100,00	0,00	0,00
35	200			200	100,00	0,00	0,00
39	500			500	100,00	0,00	0,00
44	480		480	960	50,00	0,00	50,00
50	3			3	100,00	0,00	0,00
54		50		50	0,00	100,00	0,00
56		1200		1200	0,00	100,00	0,00
60	30			30	100,00	0,00	0,00
61	44			44	100,00	0,00	0,00
74	364			364	100,00	0,00	0,00
75	470			470	100,00	0,00	0,00
77		4000		4000	0,00	100,00	0,00
90	80			80	100,00	0,00	0,00
93	10			10	100,00	0,00	0,00
97	211			211	100,00	0,00	0,00

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98		3		3	0,00	100,00	0,00
99	2			2	100,00	0,00	0,00
104	39			39	100,00	0,00	0,00
108	20			20	100,00	0,00	0,00
117			2	2	0,00	0,00	100,00
Totals	2507	5253	482	8242	30,42	63,73	5,85

From 21 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
1	700	0	0	700	100,00	0,00	0,00

25 - DVD Discs

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
2	2			2	100,00	0,00	0,00
11	2			2	100,00	0,00	0,00
13	16			16	100,00	0,00	0,00
32	20			20	100,00	0,00	0,00
33		5		5	0,00	100,00	0,00
35	90			90	100,00	0,00	0,00
39	500			500	100,00	0,00	0,00
40	600			600	100,00	0,00	0,00
41	47			47	100,00	0,00	0,00
44	531			531	100,00	0,00	0,00
45	20			20	100,00	0,00	0,00
50	14			14	100,00	0,00	0,00
54	100			100	100,00	0,00	0,00
56	2000			2000	100,00	0,00	0,00
58	100			100	100,00	0,00	0,00
59	1			1	100,00	0,00	0,00
60	39			39	100,00	0,00	0,00
61	45			45	100,00	0,00	0,00
62	50			50	100,00	0,00	0,00
68	160			160	100,00	0,00	0,00
75	131			131	100,00	0,00	0,00
76	6			6	100,00	0,00	0,00
77	8000			8000	100,00	0,00	0,00
79	35			35	100,00	0,00	0,00
99	1			1	100,00	0,00	0,00
103	10			10	100,00	0,00	0,00
110	20			20	100,00	0,00	0,00
117		500		500	0,00	100,00	0,00
118	135			135	100,00	0,00	0,00
Totals	12675	505	0	13180	96,17	3,83	0,00

From 29 replies.

26 - Mini Disc

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
20	1			1	100,00	0,00	0,00
33		30		30	0,00	100,00	0,00
41	96			96	100,00	0,00	0,00
44	20			20	100,00	0,00	0,00
46	30			30	100,00	0,00	0,00
50	3			3	100,00	0,00	0,00
55	5000			5000	100,00	0,00	0,00
68	11			11	100,00	0,00	0,00

Survey of Endangered Audiovisual Carriers

89	15			15	100,00	0,00	0,00
99		4		4	0,00	100,00	0,00
102	1000			1000	100,00	0,00	0,00
103	20			20	100,00	0,00	0,00
104	6			6	100,00	0,00	0,00
107	1000			1000	100,00	0,00	0,00
114	1000			1000	100,00	0,00	0,00
Totals	8202	34	0	8236	99,59	0,41	0,00

From 15 replies.

27 - Still Photographs

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
1	150			150	100,00	0,00	0,00
3	55700		1300	57000	97,72	0,00	2,28
4	12000			12000	100,00	0,00	0,00
5	16898			16898	100,00	0,00	0,00
6		285000		285000	0,00	100,00	0,00
10	1500			1500	100,00	0,00	0,00
12	3000			3000	100,00	0,00	0,00
13	195000			195000	100,00	0,00	0,00
18	500			500	100,00	0,00	0,00
19	1000			1000	100,00	0,00	0,00
22	700000			700000	100,00	0,00	0,00
24	125000			125000	100,00	0,00	0,00
25		70000		70000	0,00	100,00	0,00
29	25767			25767	100,00	0,00	0,00
31	50000			50000	100,00	0,00	0,00
32	1500000	250000	250000	2000000	75,00	12,50	12,50
33	50000	10000	5000	65000	76,92	15,38	7,69
37		60000		60000	0,00	100,00	0,00
38	850	150		1000	85,00	15,00	0,00
40	100000			100000	100,00	0,00	0,00
42	2677			2677	100,00	0,00	0,00
44	1838			1838	100,00	0,00	0,00
50	2500			2500	100,00	0,00	0,00
54		11200		11200	0,00	100,00	0,00
59		1000000		1000000	0,00	100,00	0,00
61	200			200	100,00	0,00	0,00
68	40000	4000		44000	90,91	9,09	0,00
73	4000000	500000	500000	5000000	80,00	10,00	10,00
74		67000		67000	0,00	100,00	0,00
75	2200			2200	100,00	0,00	0,00
77	220000			220000	100,00	0,00	0,00
79	40000			40000	100,00	0,00	0,00
81	10000	2000		12000	83,33	16,67	0,00
82	410000			410000	100,00	0,00	0,00
84	12000			12000	100,00	0,00	0,00
85	1900000	99000	1000	2000000	95,00	4,95	0,05
86		500		500	0,00	100,00	0,00
90	15900			15900	100,00	0,00	0,00
94	42000			42000	100,00	0,00	0,00
99	300000	200000	100000	600000	50,00	33,33	16,67
103	250000			250000	100,00	0,00	0,00
105	1100000	100000	5000	1205000	91,29	8,30	0,41
108	100000	25000		125000	80,00	20,00	0,00
109	150			150	100,00	0,00	0,00
110		6000		6000	0,00	100,00	0,00
111	60000			60000	100,00	0,00	0,00
112	650			650	100,00	0,00	0,00
113	1045			1045	100,00	0,00	0,00

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114	15000			15000	100,00	0,00	0,00
115	279500	205500		485000	57,63	42,37	0,00
116	2000	500	525	3025	66,12	16,53	17,36
117	270000			270000	100,00	0,00	0,00
Totals	11915025	2895850	862825	15673700	76,02	18,48	5,50

From 52 replies.

28 - Movies

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
3	349			349	100,00	0,00	0,00
4		500	200	700	0,00	71,43	28,57
5	27			27	100,00	0,00	0,00
11	150	150		300	50,00	50,00	0,00
22	18000			18000	100,00	0,00	0,00
24	600	900	1500	3000	20,00	30,00	50,00
25		90		90	0,00	100,00	0,00
32		50		50	0,00	100,00	0,00
33			20	20	0,00	0,00	100,00
37		300		300	0,00	100,00	0,00
40	40000			40000	100,00	0,00	0,00
45		130		130	0,00	100,00	0,00
46	7000	30	10	7040	99,43	0,43	0,14
54		200		200	0,00	100,00	0,00
56	400			400	100,00	0,00	0,00
58	42			42	100,00	0,00	0,00
60			40	40	0,00	0,00	100,00
68	42000	100000	6600	148600	28,26	67,29	4,44
73	2000	500	500	3000	66,67	16,67	16,67
74		180	4	184	0,00	97,83	2,17
75	15			15	100,00	0,00	0,00
77	100			100	100,00	0,00	0,00
79	2000			2000	100,00	0,00	0,00
81	60	12		72	83,33	16,67	0,00
85	800	200		1000	80,00	20,00	0,00
90	120			120	100,00	0,00	0,00
98		1200		1200	0,00	100,00	0,00
100	27			27	100,00	0,00	0,00
103		1470		1470	0,00	100,00	0,00
104	2200	450	25	2675	82,24	16,82	0,93
105	70000	4000	40	74040	94,54	5,40	0,05
107	1000			1000	100,00	0,00	0,00
108	100	200	170	470	21,28	42,55	36,17
110		16		16	0,00	100,00	0,00
111	200			200	100,00	0,00	0,00
113	2000	2000		4000	50,00	50,00	0,00
114		70		70	0,00	100,00	0,00
115	4810	46		4856	99,05	0,95	0,00
116	20			20	100,00	0,00	0,00
118	89800	2500		92300	97,29	2,71	0,00
Totals	283820	115194	9109	408123	69,54	28,23	2,23

From 39 replies

1995 Total Results

No. of Forms	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
4	550	550	0	1100	50,00	50,00	0,00

Note that in 1995 we asked for information about film sound tracks.

Survey of Endangered Audiovisual Carriers

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
46		100		100	7000	30	10	7040
Totals	0	100	0	100	7000	30	10	7040
Percent	0,00	100,00	0,00		99,43	0,43	0,14	

29 - Posters

Form No.	Number of Items				Percentages		
	Good Condition	Some Concerns	Obviously Decaying	Total Of Items	Good Condition	Some Concerns	Obviously Decaying
5	213			213	100,00	0,00	0,00
13	1700	250		1950	87,18	12,82	0,00
18	2000			2000	100,00	0,00	0,00
22	100000			100000	100,00	0,00	0,00
24	18000			18000	100,00	0,00	0,00
25		2300		2300	0,00	100,00	0,00
30	9508			9508	100,00	0,00	0,00
32	500			500	100,00	0,00	0,00
33			1100	1100	0,00	0,00	100,00
37		500		500	0,00	100,00	0,00
50	850			850	100,00	0,00	0,00
54	500			500	100,00	0,00	0,00
68	40000	8000		48000	83,33	16,67	0,00
73	200		75	275	72,73	0,00	27,27
75	53			53	100,00	0,00	0,00
79	13000			13000	100,00	0,00	0,00
90	550			550	100,00	0,00	0,00
97	22000			22000	100,00	0,00	0,00
103	350			350	100,00	0,00	0,00
105	22000	2500	500	25000	88,00	10,00	2,00
108	300	150	50	500	60,00	30,00	10,00
111	500			500	100,00	0,00	0,00
115	539			539	100,00	0,00	0,00
116	150	50		200	75,00	25,00	0,00
117	50000			50000	100,00	0,00	0,00
Totals	282913	13750	1725	298388	94,81	4,61	0,58

From 25 replies.

30 - Piano Rolls

Form No.	Number of Items				Percentages		
	Good Condition	Some Concerns	Obviously Decaying	Total Of Items	Good Condition	Some Concerns	Obviously Decaying
39	300			300	100,00	0,00	0,00
44	1000	600	400	2000	50,00	30,00	20,00
50	850	400	100	1350	62,96	29,63	7,41
54		50	50	100	0,00	50,00	50,00
61		2000		2000	0,00	100,00	0,00
68	150	75		225	66,67	33,33	0,00
75	376			376	100,00	0,00	0,00
76	1			1	100,00	0,00	0,00
77		1500		1500	0,00	100,00	0,00
Totals	2677	4625	550	7852	34,09	58,90	7,00

From 9 replies

Survey of Endangered Audiovisual Carriers

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
5	910	1890	5000	7800	11,67	24,23	64,10

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
50	900	100		1000	850	400	100	1350
Totals	900	100	0	1000	850	400	100	1350
Percent	90,00	10,00	0,00		62,96	29,63	7,41	

31 - Wire Recordings

Form No.	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
55		50		50	0,00	100,00	0,00
59		10		10	0,00	100,00	0,00
68	75	5		80	93,75	6,25	0,00
72	100			100	100,00	0,00	0,00
77		35		35	0,00	100,00	0,00
85		3		3	0,00	100,00	0,00
89	1			1	100,00	0,00	0,00
105	10	9	1	20	50,00	45,00	5,00
110		500		500	0,00	100,00	0,00
117	17			17	100,00	0,00	0,00
118	302400			302400	100,00	0,00	0,00
Totals	302603	612	1	303216	99,80	0,20	0,00

From 11 replies

1995 Total Results

No. of Forms	Good Condition	Number of Items		Total Of Items	Percentages		
		Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
10	280	171	2000	2451	11,42	6,98	81,60

Comparison of Replies from Institutions that Responded to Both Surveys

Form No.	Number of Items - 1995				Number of Items - 2003			
	Good Condition	Some Concerns	Obviously Decaying	Totals	Good Condition	Some Concerns	Obviously Decaying	Totals
72	100			100	100			100
85	10			10		3		3
Totals	110	0	0	110	100	3	0	103
Percent	100,00	0,00	0,00		97,09	2,91	0,00	

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32 - Computer Data Carriers

(Floppy Discs, Removeable Drives, Tapes)

Form No.	Number of Items			Total Of Items	Percentages		
	Good Condition	Some Concerns	Obviously Decaying		Good Condition	Some Concerns	Obviously Decaying
44	219	100		319	68,65	31,35	0,00
77		4885	250	5135	0,00	95,13	4,87
114	70000			70000	100,00	0,00	0,00
Totals	70219	4985	250	75454	93,06	6,61	0,33

From 3 replies.

List of Responding Institutions - 2003

Institution	Section	City	Country
Les Archives de la Republique d'Albanie		Tirana	ALBANIA
Govern d'Andorra	Arxiu Historic Nacional	Andorra la Vella	ANDORRA
National Archives of Antigua and Barbuda		St Johns	ANTIGUA AND BARBUDA
		Ivanhoe	AUSTRALIA
Charles Sturt University Regional Archives		Wagga Wagga	AUSTRALIA
State Records of South Australia		Adelaide	AUSTRALIA
Australian War Memorial		Canberra	AUSTRALIA
ScreenSound Australia		Canberra	AUSTRALIA
National Library of Australia	Digital & Audio Preservation Resources	Canberra	AUSTRALIA
Österreichische Mediathek Division	Technisches Museum, Wien	Wien	AUSTRIA
Internationale Stiftung Mozarteum	Mozart Ton-und Film-Museum	Salzburg	AUSTRIA
The University of the West Indies	Learning Resource Centre	Bridgetown	BARBADOS
Archives Department		Belmopan	BELIZE
Archives Nationale de Benin		Porto Novo	BENIN
Centro de Pesquisa e Documentação de História Contemporânea do Brasil	Fundação Getulio Vargas	Rio de Janeiro	BRAZIL
Royal British Columbia Museum	Archival Preservation Curatorial Services	Victoria	CANADA
Archives Nationales du Quebec		Sante-Foy	CANADA
University of Manitoba	Archives and Special Collections	Winnipeg	CANADA
Glenbow Archives		Calgary	CANADA
Arquivo Historico de Macao		Macao	CHINA
Hôtel de Ville	Archives Municipales	Brazzaville	CONGO
Archivo Nacional de Costa Rica		San Jose	COSTA RICA
Statens Mediesamling	State and University Library	Aarhus	DENMARK
Audio-Visual Archive Division	Eesti Filmiarhiiv	Tallinn	ESTONIA
National Archives and Library of Ethiopia			ETHIOPIA
Yleisradio	Record Library	Helsinki	FINLAND
Archives Départementales du Finistere		Quimper	FRANCE
Archives de la Communaute Urbaine de Strasbourg	Centre Administratif	Strasbourg	FRANCE

List of Responding Institutions - 2003

L'Assemblée Nationale		Paris	FRANCE
Bibliothèque de France	Département Audiovisuel, Secteur Son	Paris	FRANCE
Archives Municipales		Dijon	FRANCE
Archives Départementales des Hauts-de-Seine		Nanterre	FRANCE
Archives Municipales de La Rochelle	Hôtel de Ville	La Rochelle	FRANCE
Archives Départementales de la Creuse		Gueret	FRANCE
Archives Départementales d'Eure-et-Loir		Chartres	FRANCE
Archives Départementales de la Haute-Vienne		Limoges	FRANCE
Archives Départementales du Doubs		Besançon	FRANCE
Archives Départementales de la Martinique		Fort-de-France	FRANCE
State Archival Department of Georgia		Tbilisi	GEORGIA
Bistumarchiv Trier		Trier	GERMANY
Niedersächsische Staatskanzlei	Archivverwaltung	Hannover	GERMANY
Klaus-Kuhnke-Archiv für Populäre Musik GmbH		Bremen	GERMANY
Deutsche Musikarchiv		Berlin	GERMANY
Archiv der Brüderunität		Herrnhut	GERMANY
Bischöfliches Ordinariat Augsburg	Archiv der Bistums Augsburg	Augsburg	GERMANY
Stadtarchiv Bamberg		Bamberg	GERMANY
Stadtarchiv Karlsruhe		Karlsruhe	GERMANY
Landesarchivdirektion Baden-Württemberg	Archivische Fachabteilung	Stuttgart	GERMANY
Kreisarchiv Esslingen		Esslingen am Neckar	GERMANY
Stadt Leipzig	Stadtarchiv	Leipzig	GERMANY
Schiller-Nationalmuseum	Deutsches Literaturarchiv	Marbach am Neckar	GERMANY
Department of Ethnomusicology	Ethnological Museum	Berlin (Dahlem)	GERMANY
Bayerischer Rundfunk		München	GERMANY
Bayerische Staatsbibliothek	Musiksammlung	München	GERMANY
Archiv für Christlich-Demokratische Politik der Konrad-Adenauer Stiftung		St Augustin	GERMANY
Landeskirchliches Archiv der Pommerschen Evangelischen Kirche		Greifswald	GERMANY
Stadtarchiv Braunschweig		Braunschweig	GERMANY

List of Responding Institutions - 2003

Südwestrundfunk	Documentation and Archives	Baden-Baden	GERMANY
RFK Library - Media Dept.		Mangilao	GUAM
Archiv des Cisterciennes a Kismaros	Boldogasszony Haza Monostor Leveltara	Kismaros	HUNGARY
Magyar Országos Levéltár		Budapest	HUNGARY
Reserve Bank of India	Central Records and Documentation Centre	Pune	INDIA
Irish Architectural Archive		Dublin	IRELAND
University College Dublin	Department of Irish Folklore	Dublin	IRELAND
Radio Telefis Eireann	Radio Sound Archives	Dublin	IRELAND
Yad Vashem Archives		Jerusalem	ISRAEL
La Biennale di Venezia	Archivo Storico delle Arti Contemporanee	Venezia	ITALY
IRTEM		Rome	ITALY
Kenya Broadcasting Corporation	Audio Library & Archives	Nairobi	KENYA
National Archives and Documentation Service		Nairobi	KENYA
Catholic University of Eastern Africa		Nairobi	KENYA
Lithuanian Archives of Image and Sound		Vilnius	LITHUANIA
National Archives of Malta		Rabat	MALTA
Theater Institut Nederland		Amsterdam	NETHERLANDS
Netherlands Reformed Church		Utrecht	NETHERLANDS
P.J. Meertens Instituut der KNAW	Audio Digitising Department	Amsterdam	NETHERLANDS
NVP1		Hilversum	NETHERLANDS
Municipal Archive of Ede		Ede	NETHERLANDS
National Library of Norway Riksarkivet	Sound and Picture Library	Mo i Rana	NORWAY
Music Information Centre, Norway		Oslo	NORWAY
Faculdade de Letras da Universidade do Porto	Curso de Especializacao em Ciencias Documentais	Porto	PORTUGAL
State Archives for Sound Recordings		Moscow	RUSSIAN FEDERATION
Ministerstvo Vnutra Slovenskej Republiky	Odborarchivnictva a Spisovej Sluzby	Bratislava	SLOVAKIA
Eresbil - Archivo de Compositores	Vascos	Renteria	SPAIN
Arquivo Regional da Madeira	Palacio de S. Pedro	Funchal, Madeira	SPAIN
Fundacio Cipriano Garcia	Arxiu Historic Conc.	Barcelona	SPAIN

List of Responding Institutions - 2003

Arxiu Històric de la Ciutat	Department Fonts Orals	Barcelona	SPAIN
Archivo del Reino de Galicia		A Coruna	SPAIN
Sveriges Radio Förvaltning	Radioarkivet	Stockholm	SWEDEN
Svenska Institutet		Stockholm	SWEDEN
Göteborgs Etnografiska Museum		Göteborg	SWEDEN
c/o DCM Sweden ab		Kista	SWEDEN
Congres Juif Mondial		Geneve	SWITZERLAND
Schweizer Radio DRS	Dokumentation und Archive	Zurich	SWITZERLAND
Schweizerisches Sozialarchiv	Audiovisual Division	Zürich	SWITZERLAND
F. Hoffmann-La Roches AG	Roche Historical Collection and Archive	Basel	SWITZERLAND
International Federation of Red Cross and Red Crescent Societies		Geneve	SWITZERLAND
Omniphon		Basel	SWITZERLAND
Paul Sacher Stiftung		Basel	SWITZERLAND
Musee Olympique		Lausanne	SWITZERLAND
Quantegy Europe Ltd		Theale	UNITED KINGDOM
Gloucestershire Records Office		Gloucester	UNITED KINGDOM
North West Sound Archive		Clitheroe	UNITED KINGDOM
British Telecommunications plc	Archives	London	UNITED KINGDOM
Wessex Film and Sound Archive		Winchester	UNITED KINGDOM
Yale University Library	Historical Sound Recordings	New Haven	UNITED STATES OF AMERICA
SYDA Foundation		South Fallsburg	UNITED STATES OF AMERICA
Collector's Choice, Archival Television Audio Inc		Albertson	UNITED STATES OF AMERICA
University of Wisconsin	Mills Music Library	Madison	UNITED STATES OF AMERICA
Duke University	Perkins Library	Durham	UNITED STATES OF AMERICA
UCLA Ethnomusicology Archive		Los Angeles	UNITED STATES OF AMERICA
Library of Congress	American Memory	Washington D.C.	UNITED STATES OF AMERICA
National Public Radio		Washington D.C.	UNITED STATES OF AMERICA
New England Conservatory of Music	Firestone Audio Library	Boston	UNITED STATES OF AMERICA
Ohio Historical Society	Audiovisual Department	Columbus	UNITED STATES OF AMERICA
Curtis Institute of Music		Philadelphia	UNITED STATES OF AMERICA
National Archives of Zimbabwe		Harare	ZIMBABWE

Summary of Mailings

Country	Letters Sent	Replies Received	Country	Letters Sent	Replies Received
Albania	1	1	Fiji	1	
Algeria	2		Finland	32	1
Andorra	1	1	France	199	12
Angola	1		New Caledonia	2	
Antigua & Barbuda	1	1	Gabon	1	
Argentina	8		Gambia	1	
Armenia	1		Georgia	2	1
Australia	80	6	Germany	136	19
Austria	22	2	Ghana	4	
Azerbaijan	1		Greece	13	
Bahamas	1		Grenada	1	
Bangladesh	1		Guatemala	1	
Barbados	2	1	Guinea	1	
Belarus	1		Guinea-Bissau	2	
Belgium	29		Guyana	1	
Belize	1	1	Haiti	3	
Benin	1		Holy See	2	
Bermuda	1		Hungary	11	2
Bhutan	1		Iceland	7	
Bolivia	1		India	23	1
Bosnia and Herzegovina	1		Indonesia	2	
Botswana	2		Iran	2	
Brazil	28	1	Iraq	2	
Brunei Darussalam	1		Ireland	14	3
Bulgaria	5		Israel	25	1
Burkina Faso	3		Italy	178	2
Burundi	2		Jamaica	2	
Cambodia	1		Japan	20	
Cameroon	2		Kazakhstan	1	
Canada	61	4	Kenya	4	3
Cape Verde	1		Korea (DPR)	1	
Cayman Islands	1		Korea (Rep. of)	6	
Central African Republic	2		Kuwait	2	
Chile	6		Kyrgyzstan	1	
China	13	1	Latvia	2	
Hong Kong	9		Lebanon	1	
Macao	1	1	Lesotho	1	
Taiwan	3		Liberia	1	
Colombia	6		Liechtenstein	1	
Comoros	2		Lithuania	3	1
Congo	4	1	Luxembourg	6	
Costa Rica	3	1	Madagascar	2	
Cote d'Ivoire	2		Malawi	3	
Croatia	3		Malaysia	5	
Cuba	2		Mali	1	
Cyprus	3		Malta	2	1
Czech Republic	5		Mauritius	1	
Denmark	28	1	Mexico	19	
Faroe Islands	2		Moldova	1	
Dominica	1		Mongolia	1	
Ecuador	3		Morocco	9	
Egypt	5		Mozambique	1	
Eritrea	1		Myanmar	2	
Estonia	6	1	Namibia	2	
Ethiopia	1	1	Nepal	1	

Country	Letters Sent	Replies Received	Country	Letters Sent	Replies Received
Netherlands	67	5	Spain	116	4
Netherlands Antilles	3		Sri Lanka	3	
New Zealand			St Christopher & Nevis	1	
Nicaragua	12		Swaziland	1	
Niger	1		Sweden	105	4
Nigeria	1		Switzerland	41	8
Norway	1		Syria	2	
Niue	33	3	Tajikistan	1	
Oman	3		Tanzania, United Republic of	5	
Pakistan	5		Thailand	5	
Palau	1		Togo	2	
Panama	1		Tonga	1	
Papua New Guinea	2		Trinidad & Tobago	1	
Peru	7		the Former Yugoslav Republic of Macedonia	1	
Philippines	4		Tunisia	9	
Poland	17		Turkey	6	
Portugal	24	2	Turkmenistan	1	
Romania	6		Uganda	1	
Russian Federation	18	1	Ukraine	2	
Rwanda	1		United Arab Emirates	5	
Samoa	1		United Kingdom	107	5
San Marino	1		Uruguay	2	
Sao Tome y Principe	1		United States of America	240	11
Saudi Arabia	2		North Mariana Islands	5	
Senegal	6		Puerto Rico	6	
Serbia and Montenegro	4		Virgin Islands	2	
Seychelles	1		Guam	3	1
Sierra Leone	1		Vanuatu	1	
Singapore	4		Venezuela	7	
Slovakia	4	1	Vietnam	1	
Slovenia	7		Yemen	3	
Solomon Islands	1		Zambia	2	
South Africa	10		Zimbabwe	4	1
			Totals	2093	118

Total of 184 countries mailed

Replies received from 42 countries